

DOWNERS GROVE SANITARY DISTRICT
GENERAL MANAGER'S REPORT
September 23, 2022

August Board Meeting

Copies of documentation for the following agenda items are enclosed for the September 27, 2022 meeting:

- 1) Proposed Agenda
- 2) Minutes of the August 16, 2022 regular meeting
- 3) Claim Ordinance 1917
- 4) Fiscal Year 2021-22 Audit Report
- 5) Operations Report – Lift Stations
- 6) Memo regarding Bank Account Imprest Balance Increase
- 7) Memo regarding Purchasing Cooperatives & Combination Cleaning Truck Purchase

BOLI Meeting

There is no BOLI meeting scheduled this month.

Operations Reports

Copies of the following are enclosed for August operations:

- 1) Progress Report from Carly on Administrative Services activities.
- 2) The WWTC Operations Report from Marc.
- 3) The WWTC/Lift Station Maintenance Report from Jeff.
- 4) Progress Report from Bob on Collection System Maintenance activities.
- 5) Progress Report from Keith on Collection System Construction activities.
- 6) Progress Report from Reese on Laboratory activities.
- 7) Engineering Report from Alex

Infiltration/Inflow Removal Work

Inspection efforts on private property under the I/I program with the intention of conducting I/I removal are ongoing in the 1-K-028 (Cass and Burlington, WT) area and in downtown Downers Grove. A map showing progress for the 1-K-028 area is included herein, as well as a status summary sheet.

Safety Committee and Related Safety Matters

All Employees completed a short video training session about fire extinguisher safety.

After a contractor accidentally washed his hands at an effluent spigot, Non-Potable signage was added that is in English, Spanish, and also includes a pictogram.

A Safety Committee meeting was held on 9/15/22. Due to high priority projects and temporary short departmental staffing in the lab, attendance at the September meeting was low. Committee members will continue to implement hazard mitigations for open hazard reports.

A nurse from Edward Elmhurst Occupational Health administered the second dose of Hepatitis vaccines on-site on September 20th to interested employees. On-site flu vaccines are planned for mid-October.

Financial

A copy of the Investment Schedule as of August 31, 2022 is enclosed.

The Treasurer's Report for August 2022 covering the first four months of FY 22-23 is included herein, along with a summary cover memo.

Meetings

I attended the following meetings since the August 12, 2022 General Manager's report:

- August 24 attended WEF webinar titled "PFOA/PFAS is Here to Stay: Utilities' Perspectives and Task Force Updates"
- August 30 attended IAWA Energy Subcommittee Meeting
- August 31 attended DRSCW General Membership meeting. Larry also attended.
- August 31 attended Village of Downers Grove Administrators' lunch meeting
- September 1 attended NLRS Policy Working Group meeting
- September 8 attended East Branch DuPage River Watershed Plan Steering Committee Meeting. Larry also attended.
- September 15 attended DuPage County LARPA meeting
- September 16 attended DGEDC Board of Directors meeting
- September 20 – 22 attended IAWA Annual Meeting in East Peoria. Jeremy and Reese also attended.
- September 22 attended EPA webinar titled "Ammonia Best Management Practices". Marc and Alex also attended.

Miscellaneous

I took a vacation day on September 6.

Copies of the following items are enclosed:

- 1) NACWA 2021 Peak Performance Silver Award
- 2) August 24 Non-Compliance Report to IEPA
- 3) General Manager's Report to the Employees dated August 26 and September 9 and 23
- 4) August 31 cover letter to USEPA and IEPA transmitting Local Limits Re-evaluation report

- 5) September 2022 report of SARS-CoV-2 viral remnants from the DGSD WWTC, provided by the University of Illinois – Chicago
- 6) NACWA 2022 Annual Report

cc: WDVb, AES, JMW, BOLI, MGP, CS

**DOWNERS GROVE SANITARY DISTRICT
BOARD OF TRUSTEES MEETING
SEPTEMBER 27, 2022 – 7:00 PM
BOARD ROOM**

PROPOSED AGENDA

- I. APPROVAL OF MINUTES
 - A. REGULAR MEETING – AUGUST 16, 2022

- II. APPROVAL OF CLAIM ORDINANCE NO. 1917

- III. PUBLIC COMMENT

- IV. OLD BUSINESS

- V. NEW BUSINESS
 - A. FISCAL YEAR 2021-22 AUDIT REPORT
 - B. OPERATIONS REPORT – LIFT STATIONS
 - C. APPROVAL OF BANKING ACCOUNT IMPREST BALANCE INCREASE
 - D. PURCHASING COOPERATIVES/COMBINATION CLEANING TRUCK PURCHASE

PUBLIC COMMENT:

The District has an online form for the Public who cannot attend the meeting to submit public comment. District staff shall read aloud any received public comments during the Public Comment portion of the meeting. Public comments for Public not attending the meeting in person need to be submitted before 4:00 p.m. on September 27, 2022. The form can be found here:
<https://www.dgsd.org/government/public-comment/>



MINUTES

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, August 16, 2022, convening at 7:00 p.m. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were Trustees Wally D. Van Buren, Amy E. Sejnost, Jeremy M. Wang, General Manager Amy R. Underwood, Administrative Supervisor Carly S. Shaw, Staff Engineer Alex M. Bielawa and Attorney Michael G. Philipp.

Minutes of Regular Meeting – July 19, 2022

A motion was made by Trustee Wang seconded by Trustee Sejnost approving the minutes of the regular meeting held on July 19, 2022 and authorizing the President and Clerk to sign same. The motion carried.

Change Order No. 1 – 2022 Sewer Televising Contract

General Manager Underwood presented a memo recommending to the Board of Trustees approval of a change order for the District's 2022 Sewer Televising Contract with SEWERTECH, LLC for a net decrease in contract cost of \$12,748.90. Approval of Change Order No. 1 would bring the total contract amount to \$126,724.40. A motion was made by Trustee Sejnost seconded by Trustee Wang approving the 2022 Sewer Televising Contract Change Order No. 1 for a net decrease in the amount of \$12,748.90 and for the General Manager to sign the same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

Travel Reimbursement – Stephanie Cioni

General Manager Underwood presented a memo recommending to the Board of Trustees approval of reimbursement for Stephanie Cioni's lodging expenses for the Central States Water Environment Association (CSWEA) Central States Exchange (CSX) in the amount of \$290.74. A motion was made by Trustee Sejnost seconded by Trustee Wang approving the full reimbursement of Stephanie Cioni's lodging expenses for the CSWEA CSX '22 in the amount of \$290.74. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

Claim Ordinance No. 1916

A motion was made by Trustee Wang seconded by Trustee Sejnost adopting Claim Ordinance No. 1916 in the total amount of \$732,495.27 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

Public Comment – None

New Business

Operations Report – User Charge Collection Procedures

Administrative Supervisor Shaw presented an operations report reviewing the user charge

collection procedures. She reviewed each step for past due accounts from reminder notices through show cause hearings.

Open House Arrangements

Staff presented the invitation, map, invitation list and press release for the annual Open House to be held on October 1, 2022 focusing on the District's maintenance department. The invitations will be mailed and emailed August 29, and press releases will be distributed to local papers shortly thereafter. The Board concurred with staff's recommendation.

Review of Prior Executive Session Minutes

The Board reviewed the minutes of executive sessions held on January 18, 2022 and February 8, 2022, which have not previously been made available for public inspection or not previously reviewed. A motion was made by Trustee Sejnost seconded by Trustee Van Buren determining that the need for confidentiality no longer exists as to the executive session minutes of January 18, 2022 and February 8, 2022. The motion carried. (Votes recorded: Ayes–Van Buren, and Sejnost. Abstain-Wang.) A motion was made by Trustee Sejnost seconded by Trustee Van Buren approving destruction of the verbatim record of the executive session held on August 18, 2020, January 19, 2021, and February 9, 2021 as provided by state statute. The motion carried. (Votes recorded: Ayes–Van Buren and Sejnost. Abstain-Wang.)

Investment in Certificate of Deposit – TriState Capital Bank

General Manager Underwood reviewed staff's purchase on August 9, 2022 of a twelve-month Certificate of Deposit with TriState Capital Bank in the amount of \$250,000 with an annual interest rate of 3.29 percent. The Certificate of Deposit is secured by the FDIC. A motion by Trustee Sejnost seconded by Trustee Wang was made ratifying the actions of staff on behalf of the District to open a Certificate of Deposit on August 9, 2022 in the amount of \$250,000 with TriState Capital Bank at an interest rate of 3.29 percent and a term of twelve months. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

Renewable Energy Credits Purchase and Sale Agreement

General Manager Underwood presented an agreement with Blue Delta Energy LLC to lock-in the purchase price for Renewable Energy Credits (RECs) for Reporting Year 2022-23 at \$24.25/REC. A motion was made by Trustee Van Buren seconded by Trustee Sejnost approving the Renewable Energy Credits Purchase and Sale Agreement with Blue Delta Energy LLC for FY 22-23 and permission for the General manager to sign the same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

Other New Business

Trustee Wang thanked Administrative Supervisor Shaw for her presentation on user charge collection procedures. He noted the automatic transfer switch repair at Liberty Park Lift Station by District employees, noted in Maintenance Supervisor Barta's report. He also commended Inspectors Danny Jasso and Oscar Avila's work inspecting manhole adjustments on the Village of Downers Grove paving job, noted in Sewer Construction Supervisor Shaffner's report.

Trustee Sejnost noted that Lab Analyst Malwina Serpa left the District for a new opportunity. She noted that July was a wet month with eight days over 11 MGD and commended staff for their hard work. Trustee Sejnost commented on the detailed monthly report from Maintenance Supervisor Barta. She also commended Inspectors Danny Jasso and Oscar Avila's work inspecting manhole adjustments on the Village of Downers Grove paving job. Lastly, she thanked Staff Engineer Bielawa for his detailed monthly report.

Trustee Van Buren commended Maintenance Supervisor Barta's for his monthly report. He commended the in-house work staff was able to do on the Cross Collector Drive replacement and it's cost savings, noted in Maintenance Supervisor Barta's report. Trustee Van Buren noted that five sanitary districts are seeking American Rescue Plan Act funds from DuPage County. Lastly, he commented on an article he read which indicated the Inflation Reduction Act may consider CHP engines, like the District's, a renewable energy source.

A motion was made by Trustee Wang seconded by Trustee Sejnost to adjourn the regular meeting at 7:49 p.m. The motion carried.

Approved: September 27, 2022

President

Attest: _____
Clerk

Downers Grove, Illinois

Date: September 27, 2022

Claim Ordinance No. 1917

An Ordinance Providing for the Payment of Certain Claims.

WHEREAS, it appears to the Board of Trustees of the Downers Grove Sanitary District that there are certain claims against said District which would be allowed and paid therefore,

BE IT ORDAINED, by the Board of Trustees of the Downers Grove Sanitary District

That the following claims be and they are hereby approved and ordered paid and that an order be drawn on the Treasurer of said District out of the funds shown below. Said claims, totaling **\$733,442.62** being in words and figures as follows:

Payroll end date: 08.06.22
 Payroll paid date: 08.12.22
 G/L Date: 09.30.22

GENERAL LEDGER RECAP

DATE 08/10/22 PERIOD END 08/06/22 PAGE 5

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 55115.03- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 9481.04- |
| 01-00.2001 | STATE TAX WITHHELD | | 3994.81- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 6623.86- |
| 01-00.2003 | IMRF WITHHELD | | 3896.40- |
| 01-00.2005 | CLEARING | | 20.89- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 2419.00- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 3780.49- |
| 01-00.2017 | VOLUNTARY GROUP LIFE | | 192.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 184.03- |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE | | 192.31- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 1351.18- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 304.53- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 323.54- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 200.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 234.80- |
| 01-11.A003 | GENERAL MANAGEMENT | 550.18 | |
| 01-11.A004 | FINANCIAL RECORDS | 7142.64 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 833.37 | |
| 01-11.A007 | CODE ENFORCEMENT | 6032.86 | |
| 01-11.A008 | SAFETY ACTIVITIES | 1333.53 | |
| 01-12.A006 | ENGINEERING | 2424.80 | |
| 01-12.A011 | MAINTENANCE - WWTC | 12914.31 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 7216.03 | |
| 01-12.A021 | WWTC - OPERATIONS | 12533.57 | |
| 01-12.A022 | WWTC - SLUDGE HANDLING | 8097.82 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 218.87 | |
| 01-12.A030 | BUILDING AND GROUNDS | 3604.07 | |
| 01-13.A041 | LAB - WWTC | 6690.13 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 83.18 | |
| 01-14.A051 | SEWER MAINTENANCE | 9388.92 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 783.44 | |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 1685.11 | |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS | 361.59 | |
| 01-14.A064 | INSPECTION - MISCELLANEOUS | 36.99 | |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | 3616.07 | |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT | 2441.11 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 325.32 | |
| | | 88313.91 | 88313.91- |

Payroll End Date: 08.15.22

Payroll Paid Date: 08.17.22

G/L DATE: 09.30.22

GENERAL LEDGER RECAP

DATE 08/17/22

PERIOD END 08/15/22

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| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 21544.89- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 3746.06- |
| 01-00.2001 | STATE TAX WITHHELD | | 1542.49- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 2513.53- |
| 01-00.2003 | IMRF WITHHELD | | 1478.56- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 1539.63- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 300.00- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 498.35- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 152.16- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 115.59- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 40.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 77.06- |
| 01-11.A003 | GENERAL MANAGEMENT | 8621.50 | |
| 01-11.A004 | FINANCIAL RECORDS | 788.15 | |
| 01-11.A007 | CODE ENFORCEMENT | 8991.20 | |
| 01-12.A006 | ENGINEERING | 79.25 | |
| 01-12.A009 | OPERATIONS MANAGEMENT | 4736.79 | |
| 01-12.A011 | MAINTENANCE - WWTC | 3935.95 | |
| 01-12.A013 | MAINTENANCE - ENERGY RECOVERY | 264.23 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 264.23 | |
| 01-12.A021 | WWTC - OPERATIONS | 255.10 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 420.32 | |
| 01-12.A030 | BUILDING AND GROUNDS | 58.45 | |
| 01-13.A009 | OPERATIONS MANAGEMENT | 2344.35 | |
| 01-13.A041 | LAB - WWTC | 49.32 | |
| 01-13.A043 | LAB - SURCHARGE PROGRAM | 1178.54 | |
| 01-13.A045 | LAB - SOLIDS | 98.13 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 736.20 | |
| 01-14.A006 | ENGINEERING | 80.06 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 646.55 | |
| | | 33548.32 | 33548.32- |

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 51789.47- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 9009.52- |
| 01-00.2001 | STATE TAX WITHHELD | | 3759.56- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 6233.38- |
| 01-00.2003 | IMRF WITHHELD | | 3643.02- |
| 01-00.2005 | CLEARING | | 20.89- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 2419.00- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 3607.22- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 184.03- |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE | | 192.31- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 1351.18- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 246.84- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 317.79- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 200.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 234.80- |
| 01-11.A003 | GENERAL MANAGEMENT | 721.09 | |
| 01-11.A004 | FINANCIAL RECORDS | 6151.29 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 893.36 | |
| 01-11.A007 | CODE ENFORCEMENT | 5708.32 | |
| 01-11.A008 | SAFETY ACTIVITIES | 1481.70 | |
| 01-11.A030 | BUILDING AND GROUNDS | 71.14 | |
| 01-12.A006 | ENGINEERING | 2424.80 | |
| 01-12.A011 | MAINTENANCE - WWTC | 13665.97 | |
| 01-12.A012 | MAINTENANCE - VEHICLES | 115.50 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 7697.50 | |
| 01-12.A021 | WWTC - OPERATIONS | 12596.09 | |
| 01-12.A022 | WWTC - SLUDGE HANDLING | 7153.92 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 304.97 | |
| 01-12.A030 | BUILDING AND GROUNDS | 3578.07 | |
| 01-13.A041 | LAB - WWTC | 2772.76 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 66.54 | |
| 01-14.A051 | SEWER MAINTENANCE | 9668.12 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 487.11 | |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 2010.91 | |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS | 468.96 | |
| 01-14.A064 | INSPECTION - MISCELLANEOUS | 811.36 | |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | 1161.81 | |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT | 2421.14 | |
| 01-14.A072 | SEWER INVESTIGATIONS | 776.58 | |
| | | 83209.01 | 83209.01- |

GENERAL LEDGER RECAP

DATE 09/01/22

PERIOD END 08/31/22

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PAYROLL END DATE: 08.31.22
 PAYROLL PAID DATE: 09.02.22
 G/L DATE: 09.30.22

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 21476.10- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 3748.29- |
| 01-00.2001 | STATE TAX WITHHELD | | 1543.08- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 2514.47- |
| 01-00.2003 | IMRF WITHHELD | | 1479.10- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 1540.14- |
| 01-00.2017 | VOLUNTARY GROUP LIFE | | 64.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 300.00- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 498.35- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 152.16- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 115.59- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 40.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 77.06- |
| 01-11.A003 | GENERAL MANAGEMENT | 7311.22 | |
| 01-11.A007 | CODE ENFORCEMENT | 8991.21 | |
| 01-12.A006 | ENGINEERING | 1671.46 | |
| 01-12.A009 | OPERATIONS MANAGEMENT | 6139.56 | |
| 01-12.A011 | MAINTENANCE - WWTC | 4388.67 | |
| 01-12.A013 | MAINTENANCE - ENERGY RECOVERY | 161.64 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 161.64 | |
| 01-12.A021 | WWTC - OPERATIONS | 47.40 | |
| 01-12.A030 | BUILDING AND GROUNDS | 215.32 | |
| 01-13.A009 | OPERATIONS MANAGEMENT | 2467.91 | |
| 01-13.A041 | LAB - WWTC | 766.20 | |
| 01-13.A042 | LAB - PRETREATMENT | 630.96 | |
| 01-13.A043 | LAB - SURCHARGE PROGRAM | 135.24 | |
| 01-13.A045 | LAB - SOLIDS | 135.24 | |
| 01-13.A046 | LAB - AMMONIA | 45.25 | |
| 01-13.A047 | LAB - MICRO | 45.25 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 180.49 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 53.68 | |
| | | 33548.34 | 33548.34- |

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 52614.56- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 8967.21- |
| 01-00.2001 | STATE TAX WITHHELD | | 3813.81- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 6330.94- |
| 01-00.2003 | IMRF WITHHELD | | 3710.56- |
| 01-00.2005 | CLEARING | | 20.89- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 2419.00- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 3759.32- |
| 01-00.2017 | VOLUNTARY GROUP LIFE | | 192.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 184.03- |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE | | 192.31- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 1351.18- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 246.84- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 336.52- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 200.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 145.35- |
| 01-11.A003 | GENERAL MANAGEMENT | 775.73 | |
| 01-11.A004 | FINANCIAL RECORDS | 6026.53 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 2292.81 | |
| 01-11.A006 | ENGINEERING | 2788.56 | |
| 01-11.A007 | CODE ENFORCEMENT | 5835.70 | |
| 01-11.A008 | SAFETY ACTIVITIES | 1407.62 | |
| 01-11.A030 | BUILDING AND GROUNDS | 627.35 | |
| 01-12.A011 | MAINTENANCE - WWTC | 13145.41 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 7216.02 | |
| 01-12.A021 | WWTC - OPERATIONS | 12299.31 | |
| 01-12.A022 | WWTC - SLUDGE HANDLING | 6308.15 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 451.43 | |
| 01-12.A030 | BUILDING AND GROUNDS | 3371.24 | |
| 01-13.A041 | LAB - WWTC | 2704.40 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 199.62 | |
| 01-14.A051 | SEWER MAINTENANCE | 11270.68 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 281.56 | |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 2346.04 | |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS | 514.83 | |
| 01-14.A064 | INSPECTION - MISCELLANEOUS | 1010.33 | |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | 1136.89 | |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT | 1733.10 | |
| 01-14.A072 | SEWER INVESTIGATIONS | 314.33 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 426.88 | |
| | | 84484.52 | 84484.52- |

| ===== VENDOR ===== | | ===== INVOICE ===== | | | | | | | |
|------------------------------|---------|---------------------|--------------|------------|---------------------------|----------|-----------|----------|--|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO | |
| A-FORMULA MECHANICAL CORP | A000065 | 08/12/22 | 43352 | 01-12.B513 | UNISON CHILLER REPAIRS | 580.00 | | | |
| | | 08/18/22 | 43354 | 01-12.B812 | MSB GEOTHERM UNIT REPAIRS | 467.00 | | | |
| | | 08/24/22 | 43360 | 01-13.B115 | MAIN LAB FUME HOOD REPAIR | 2084.89 | 3131.89 | 104284 | |
| ACE HARDWARE | A000095 | 08/16/22 | 303895 | 01-12.B116 | MAINTENANCE SUPPLIES | 37.56 | 37.56 | 063771 | |
| ACI Payments Inc. | A000096 | 08/19/22 | 1000077039 | 01-11.B110 | OLR FEES | 29.80 | 29.80 | 104285 | |
| AWARDING YOU | A000105 | 08/26/22 | 93947 | 01-12.B116 | BADGES FOR OPEN HOUSE | 112.00 | 112.00 | 063818 | |
| ADVOCATE OCCUPATIONAL HEALTH | A000150 | 09/06/22 | 834227 | 01-11.B117 | DRUG SCREEN COLLECTION | 34.00 | | | |
| | | 09/06/22 | 834227 | 01-14.B117 | DRUG SCREEN COLLECTION | 34.00 | 68.00 | 063772 | |
| ALLEGRA MARKETING PRINT MAIL | A000251 | 08/30/22 | 37484 | 01-11.B116 | ENVELOPES | 253.40 | 253.40 | 063819 | |
| SYNCHB/AMAZON | A000295 | 07/29/22 | 0063548CM068 | 01-12.B116 | CREDIT | 93.98- | | | |
| | | 09/12/22 | 113743118842 | 01-11.B113 | PICTURE FRAMES | 39.54 | | | |
| | | 08/15/22 | 1140953 | 01-12.C225 | WINDSHIELD WIPER KIT | 88.00 | | | |
| | | 08/15/22 | 1140953629 | 01-12.B116 | BROOM & DUST PAN | 48.99 | | | |
| | | 08/15/22 | 114095362917 | 01-12.B116 | BOOTS LACES | 7.99 | | | |
| | | 09/06/22 | 114367513948 | 01-11.B116 | HEAD PHONES | 47.93 | | | |
| | | 08/17/22 | 436795847869 | 01-11.B113 | WATER SIGN FOR PLANT | 195.86 | | | |
| | | 07/21/22 | 443448476853 | 01-11.B117 | JLG BOOT RETURN | 124.59- | | | |
| | | 08/24/22 | 446754754367 | 01-14.B117 | DC STEEL TOE SHOES | 62.95 | | | |
| | | 08/24/22 | 449864759383 | 01-11.B112 | HANDSET FOR PHONE | 18.99 | | | |
| | | 08/24/22 | 449864759383 | 01-12.B116 | CHAIN SHARPENER | 21.99 | | | |
| | | 08/24/22 | 453368884699 | 01-12.B116 | CRAYONS FOR OPEN HOUSE | 25.79 | | | |
| | | 08/20/22 | 456438445576 | 01-14.B117 | DC OUTERWEAR | 212.75 | | | |
| | | 08/10/22 | 456969563786 | 01-12.B113 | EYE WASH & SIGN | 25.06 | | | |
| | | 09/06/22 | 464687939698 | 01-12.B508 | FUSE | 76.40 | | | |
| | | 09/12/22 | 464937599974 | 01-12.B116 | FOAM BOARD FOR OPEN HOUSE | 28.89 | | | |
| | | 08/18/22 | 468575395685 | 01-11.B113 | LENS WIPES | 9.99 | | | |
| | | 08/16/22 | 576867899965 | 01-12.B116 | BOOTS LACES/BROOM & PAN | 56.98 | | | |
| | | 08/16/22 | 576867899965 | 01-12.C225 | WINDSHIELD WASHER FLUID | 88.00 | | | |
| | | 08/16/22 | 636634998377 | 01-12.B113 | SAFETY GLASSES STRG CASE | 24.68 | | | |
| | | 09/14/22 | 737845574776 | 01-12.C225 | FORD PART | 53.99 | | | |
| | | 08/22/22 | 777559845963 | 01-11.B113 | CREDIT | 11.44- | | | |
| | | 08/18/22 | 849437636943 | 01-11.B113 | EYEWASH & SIGN | 24.83 | | | |
| | | 08/22/22 | 898639567876 | 01-11.B113 | CREDIT | 9.99- | | | |
| | | 08/16/22 | 953789765763 | 01-12.B512 | ELEC TRK CORDLESS DRILL | 287.97 | | | |
| | | 08/24/22 | 955956696769 | 01-14.B117 | DC HIGH VIS OUTERWEAR | 14.99 | | | |
| | | 09/13/22 | 959387446986 | 01-12.B116 | SNACKS FOR OPEN HOUSE | 111.87 | | | |
| | | 08/07/22 | 966846669788 | 01-15.B527 | VENARD LS WALL HEATERS | 265.97 | | | |
| | | 09/16/22 | 979657486558 | 01-12.B116 | JUICE FOR OPEN HOUSE | 183.31 | | | |
| | | 09/03/22 | 994866693377 | 01-14.B117 | DC/AL STEEL TOE SHOES | 96.72 | 1880.43 | 063773 | |
| AMERICAN NATIONAL SKYLINE | A000320 | 08/26/22 | 321245 | 01-11.B118 | ADMIN BLDG WINDOW WASHING | 61.00 | 61.00 | 104286 | |
| AUTOZONE - AZ COMMERCIAL | A000600 | 08/26/22 | 2576151515 | 01-12.B116 | MAINTENANCE SUPPLIES | 4.59 | | | |
| | | 08/30/22 | 2576154485 | 01-12.C225 | FUSE FOR TRUCK | 3.69 | 8.28 | 063774 | |
| BAXTER & WOODMAN, INC. | B000120 | 08/22/22 | 0237593 | 01-14.B902 | OUTFALL SEWER SAG CS | 2112.50 | | | |
| | | 08/22/22 | 0237597 | 01-11.B118 | ADMIN REMODEL BID ASST | 155.00 | | | |
| | | 08/22/22 | 0237600 | 01-12.B812 | WWTC & LS CODE REVIEW | 14785.43 | 17052.93 | 104287 | |
| CDW GOVERNMENT, INC. | C000020 | 08/17/22 | CD90925 | 01-15.B523 | EARLSTON LS UPS UNIT REPL | 536.15 | | | |

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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO | |
| | | 08/18/22 | CF90229 | 01-12.B513 | GAS CLEAN SYS UPS | 1611.37 | 2147.52 | 104288 | |
| CASSIDY TIRE & SERVICE | C000090 | 09/12/22 | 912008435 | 01-12.B501 | BOBCAT TIRE REPAIR | 50.12 | 50.12 | 063775 | |
| CHEM-WISE ECOLOGICAL | C000190 | 07/20/22 | 1037855 | 01-11.B118 | ADMIN CTR PEST CONTROL | 175.00 | 175.00 | 104289 | |
| CINTAS #344 | C000300 | 08/09/22 | 4127802026 | 01-12.B117 | WWTC UNIFORMS | 98.77 | | | |
| | | 08/09/22 | 4127802026 | 01-14.B117 | SS UNIFORMS | 19.17 | | | |
| | | 08/16/22 | 4128508653 | 01-12.B117 | WWTC UNIFORMS | 75.09 | | | |
| | | 08/16/22 | 4128508653 | 01-14.B117 | SS UNIFORMS | 19.17 | | | |
| | | 08/23/22 | 4129187436 | 01-12.B117 | WWTC UNIFORMS | 75.09 | | | |
| | | 08/23/22 | 4129187436 | 01-14.B117 | SS UNIFORMS | 19.17 | | | |
| | | 09/07/22 | 4130621619 | 01-12.B117 | WWTC UNIFORMS | 78.69 | | | |
| | | 09/07/22 | 4130621619 | 01-14.B117 | SS UNIFORMS | 37.51 | | | |
| | | 09/13/22 | 413275161 | 01-12.B117 | WWTC UNIFORMS | 75.09 | | | |
| | | 09/13/22 | 413275161 | 01-14.B117 | SS UNIFORMS | 19.17 | 516.92 | 063776 | |
| CINTAS FIRST AID & SAFETY | C000320 | 08/25/22 | 5121949347 | 01-11.B113 | FIRST AID REPLENISH | 437.19 | 437.19 | 063777 | |
| Comcast | C000375 | 09/01/22 | 154606328 | 01-11.B112 | INTERNET SERVICE | 830.00 | | | |
| | | 09/03/22 | 877120120055 | 01-11.B112 | BACK UP INTERNET | 129.90 | 959.90 | 063778 | |
| COMED | C000380 | 08/15/22 | 0055025057 | 01-15.B100 | COLLEGE LS ELECTRIC | 157.07 | | | |
| | | 08/12/22 | 0068029014 | 01-15.B100 | CENTEX LS ELECTRIC | 19.70 | | | |
| | | 08/12/22 | 0458029046 | 01-15.B100 | LIB PARK LS ELECTRIC | 185.86 | | | |
| | | 08/19/22 | 0562080004 | 01-15.B100 | VENARD LS ELECTRIC | 68.47 | | | |
| | | 08/15/22 | 1810068039 | 01-15.B100 | EARLSTON LS ELECTRIC | 123.40 | | | |
| | | 08/12/22 | 3240038012 | 01-15.B100 | BUTTERFIELD LS ELECTRIC | 13.09 | | | |
| | | 08/23/22 | 6770572011 | 01-12.B100 | WALNUT HSE ELECTRIC | 83.67 | | | |
| | | 08/23/22 | 6770572011 | 01-14.B910 | BSSRAP YARD ELECTRIC USE | 3.34 | | | |
| | | 08/23/22 | 8762083052 | 01-12.B100 | BIG TOP ELECTRIC | 23.22 | 677.82 | 063779 | |
| COMPASS MINERALS | C000399 | 09/08/22 | 1042471 | 01-12.B401 | SOLAR SALT | 4959.06 | 4959.06 | 063780 | |
| CONCENTRIC INTEGRATION, LLC | C000410 | 08/22/22 | 0237595 | 01-12.B513 | WWTC PLC UPGRADES PHASE 2 | 15310.63 | | | |
| | | 08/22/22 | 0237598 | 01-11.B115 | 2022-2023 SUPPORT SVCS | 1914.83 | | | |
| | | 08/22/22 | 0237598 | 01-12.B513 | 2022-2023 SUPPORT SVCS | 3887.67 | | | |
| | | 08/22/22 | 0237599 | 01-12.B513 | T&M SUPPORT SVCS | 3149.26 | | | |
| | | 08/22/22 | 0237601 | 01-11.B115 | 2022 SERVER REPLACEMENT | 563.75 | | | |
| | | 08/22/22 | 0237602 | 01-11.B115 | 2022 NETWORK REFRESH | 105.00 | 24931.14 | 104290 | |
| CORE & MAIN LP | C000485 | 08/10/22 | R316285 | 01-12.B513 | FLEX CHECK VALVE | 469.53 | 469.53 | 063781 | |
| COVERALL NORTH AMERICA, INC | C000557 | 09/01/22 | 1010701388 | 01-12.B812 | MSB CLEANING | 304.00 | | | |
| | | 09/01/22 | 1010701388 | 01-13.B116 | LAB CLEANING | 157.00 | | | |
| | | 09/01/22 | 1010701390 | 01-11.B118 | ADMIN CTR CLEANING | 429.00 | 890.00 | 104291 | |
| JOHN CRANE INC. | C000560 | 09/07/22 | 23A012095 | 01-12.B510 | RECIRC PUMP SEALS | 1443.21 | 1443.21 | 063782 | |
| CUMMINS, INC. | C000650 | 08/31/22 | F272318 | 01-14.C225 | VAC-CON REPAIRS | 1653.28 | | | |
| | | 09/08/22 | F273859 | 01-14.C225 | VAC-CON REPAIRS | 1565.68 | 3218.96 | 063783 | |
| CURTIS MARTIN GROUP, INC. | C000660 | 08/11/22 | 8484 | 01-11.B115 | ANNUAL BBX RENEWAL | 896.00 | | | |
| | | 08/17/22 | 8489 | 01-11.B115 | CITY INSIGHT UPDATE | 90.00 | | | |
| | | 09/06/22 | 8493 | 01-11.B115 | CITY INSIGHT UPDATES | 600.00 | | | |
| | | 09/07/22 | 8499 | 01-11.B115 | CITY INSIGHT UPDATES | 720.00 | | | |
| | | 09/09/22 | 8504 | 01-11.B115 | RESTORE DATABASE | 60.00 | | | |
| | | 09/14/22 | 8510 | 01-11.B115 | BASIS INSTALL NEW SRVR | 540.00 | 2906.00 | 104292 | |
| DELTA INDUSTRIES, INC. | D000210 | 08/16/22 | SIN003668 | 01-12.B513 | WWTC COMPRSS PARTS | 454.86 | 454.86 | 104293 | |

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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO | | | |
| DELTA SONIC | D000220 | 08/26/22 | 10621140 | 01-11.C225 | ADMIN CAR WASHES | 16.66 | | | | | |
| | | 08/26/22 | 10621140 | 01-12.C225 | WWTC CAR WASHES | 16.66 | | | | | |
| | | 08/26/22 | 10621140 | 01-14.C225 | SS CAR WASHES | 24.99 | 58.31 | 063784 | | | |
| DELUXE | D000221 | 08/16/22 | 12598507 | 01-11.B120 | DEPOSIT TICKETS | 167.99 | 167.99 | 063820 | | | |
| VILLAGE OF DOWNERS GROVE | D000480 | 08/19/22 | 1657 | 01-11.B121 | CUST WATER SHUT OFFS | 564.90 | | | | | |
| | | 08/15/22 | 1698 | 01-11.B121 | METER READINGS | 441.93 | | | | | |
| | | 08/23/22 | 1732 | 01-11.C222 | ADMIN FUEL | 176.85 | | | | | |
| | | 08/23/22 | 1732 | 01-12.C222 | WWTC FUEL | 2291.55 | | | | | |
| | | 08/23/22 | 1732 | 01-13.C222 | LAB FUEL | 73.61 | | | | | |
| | | 08/23/22 | 1732 | 01-14.C222 | SS FUEL | 1644.62 | | | | | |
| | | 08/23/22 | 1732 | 01-15.B529 | LS FUEL | 69.42 | | | | | |
| | | 08/31/22 | C2027270001 | 01-12.B102 | WWTC WATER | 3122.18 | | | | | |
| | | 08/31/22 | C2027271001 | 01-11.B102 | ADMIN CTR WATER | 147.27 | 8532.33 | 063785 | | | |
| DUPAGE COUNTY RECORDER | D000620 | 08/30/22 | 40442233 | 01-11.B121 | LIEN RELEASES | 58.00 | | | | | |
| | | 09/02/22 | 40450381 | 01-11.B121 | LIEN RELEASES | 24.00 | 82.00 | 063786 | | | |
| EDWARD OCCUPATIONAL HEALTH | E000027 | 08/31/22 | 0015633000 | 01-11.B117 | EMPL HEP VACCINE | 274.00 | | | | | |
| | | 08/31/22 | 0015633000 | 01-12.B117 | EMPL HEP VACCINE | 902.00 | | | | | |
| | | 08/31/22 | 0015633000 | 01-14.B117 | EMPL HEP VACCINE | 399.00 | 1575.00 | 063787 | | | |
| EXODUS TECHNOLOGY SERVICE | E000480 | 08/23/22 | 22173 | 01-11.B124 | JULY IT SUPPORT SERVICES | 1593.75 | 1593.75 | 063788 | | | |
| EYE MED VISION CARE | E000600 | 09/01/22 | 165419539 | 01-17.E455 | VISION INSURANCE | 440.36 | 440.36 | 063789 | | | |
| FIRST ADVANTAGE | F000130 | 08/31/22 | 2501312208 | 01-11.B117 | DRUG TEST | 30.08 | | | | | |
| | | 08/31/22 | 2501312208 | 01-14.B117 | DRUG TEST | 35.14 | 65.22 | 104294 | | | |
| FIRST ENVIRONMENTAL LAB | F000140 | 08/18/22 | 170426 | 01-13.B123 | SURCHARGE BOD ANALYSIS | 345.60 | | | | | |
| | | 09/07/22 | 170908 | 01-13.B123 | BELT PRESS FILTRATE | 563.40 | 909.00 | 104295 | | | |
| 4IMPRINT | F000260 | 09/12/22 | 23621329 | 01-11.B120 | BUTTONS FOR OPEN HOUSE | 102.25 | | | | | |
| | | 09/12/22 | 23621329 | 01-12.B116 | BUTTONS FOR OPEN HOUSE | 102.25 | 204.50 | 104296 | | | |
| Galco Industrial Electronics, | IG000122 | 08/12/22 | AM6349401 | 01-12.B513 | CHP CONT PNL FUSE HOLDER | 332.99 | 332.99 | 063821 | | | |
| GEORGE'S LANDSCAPING | G000260 | 09/01/22 | AUGUST2022 | 01-11.B118 | ADMIN MOWING & TRIMMING | 418.12 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-12.B812 | WWTC MOWING & TRIMMING | 2864.76 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B820 | BUTTERFIELD LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B821 | CENTEX LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B823 | EARLSTON LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B824 | HOBSON LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B825 | LIBERTY PARK LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B826 | NW LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B827 | VENARD LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B828 | WROBLE LS MOWING | 137.80 | | | | | |
| | | 09/01/22 | AUGUST2022 | 01-15.B829 | LS TREE TRIMMING | 346.64 | 4731.92 | 104297 | | | |
| | | W. W. GRAINGER, INC. | G000520 | 04/05/22 | 9268055192 | 01-12.B502 | SEE SHEET | 88.26 | | | |
| | | | | 08/11/22 | 9408738582 | 01-12.B512 | SEE SHEET | 430.18 | | | |
| 08/12/22 | 9409794964 | | | 01-12.B513 | SEE SHEET | 148.80 | | | | | |
| 08/12/22 | 9409794972 | | | 01-12.B513 | SEE SHEET | 162.76 | | | | | |
| 08/16/22 | 9413138372 | | | 01-13.B116 | SEE SHEET | 168.86 | | | | | |
| 08/17/22 | 9414486044 | | | 01-12.B512 | SEE SHEET | 21.70 | | | | | |
| 08/17/22 | 9414759168 | | | 01-12.B512 | SEE SHEET | 51.21 | | | | | |
| 08/18/22 | 9416353374 | 01-12.B512 | SEE SHEET | 28.80 | | | | | | | |

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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO | |
| | | 08/19/22 | 9417828259 | 01-12.B512 | SEE SHEET | 53.80 | | | |
| | | 08/22/22 | 9419115820 | 01-12.B113 | SEE SHEET | 23.50 | | | |
| | | 08/22/22 | 9419115838 | 01-12.B812 | SEE SHEET | 5.02 | | | |
| | | 08/22/22 | 9420094717 | 01-12.B513 | SEE SHEET | 115.14 | | | |
| | | 08/23/22 | 9421338824 | 01-11.B113 | SEE SHEET | 30.02 | | | |
| | | 08/25/22 | 9423678482 | 01-12.B512 | SEE SHEET | 190.70 | | | |
| | | 08/26/22 | 9425209120 | 01-12.B513 | SEE SHEET | 60.52 | | | |
| | | 08/31/22 | 9430293275 | 01-12.B117 | SEE SHEET | 21.04 | | | |
| | | 09/01/22 | 9431927509 | 01-12.B113 | SEE SHEET | 220.80 | | | |
| | | 09/07/22 | 9436861323 | 01-12.B116 | SEE SHEET | 49.58 | | | |
| | | 09/07/22 | 9437367817 | 01-12.B508 | SEE SHEET | 12.07 | | | |
| | | 09/07/22 | 9438065329 | 01-12.B508 | SEE SHEET | 166.30 | | | |
| | | 09/08/22 | 9438672207 | 01-12.B510 | SEE SHEET | 21.73 | | | |
| | | 09/08/22 | 9438900970 | 01-12.B116 | SEE SHEET | 49.58 | | | |
| | | 09/12/22 | 9442057619 | 01-12.B510 | SEE SHEET | 86.52 | | | |
| | | 09/13/22 | 9443679403 | 01-13.B114 | SEE SHEET | 252.64 | | | |
| | | 09/13/22 | 9443679411 | 01-13.B114 | SEE SHEET | 117.56 | | | |
| | | 09/16/22 | 9447743197 | 01-13.B116 | SEE SHEET | 762.15 | | | |
| | | 09/16/22 | 9447743205 | 01-13.B117 | SEE SHEET | 177.03 | | | |
| | | 09/16/22 | 9447743213 | 01-13.B116 | SEE SHEET | 49.32 | 3565.59 | 104298 | |
| GRACE MASONRY LTD | G000525 | 09/07/22 | 2022051 | 01-11.B118 | ADMIN MASONRY REPAIRS | 24290.00 | 24290.00 | 063790 | |
| HML, INC. | H000035 | 08/19/22 | 94251 | 01-13.B123 | BIOSOLIDS TESTING | 1000.00 | 1000.00 | 063791 | |
| HACH COMPANY | H000040 | 08/24/22 | 13211572 | 01-13.B116 | LAB SUPPLIES | 116.59 | | | |
| | | 08/31/22 | 13222301 | 01-14.B115 | FLOW MTR DATA LOG REPAIR | 2028.50 | | | |
| | | 08/31/22 | 13222304 | 01-14.B115 | FLOW MTR DATA LOG REPAIR | 2028.50 | 4173.59 | 104299 | |
| HARBOR FREIGHT TOOLS | H000060 | 08/23/22 | 082322 | 01-12.B116 | MSB SUPPLIES | 44.97 | 44.97 | 063792 | |
| HOME DEPOT | H000400 | 08/25/22 | 0026747 | 01-12.B116 | SEE SHEET | 15.96 | | | |
| | | 08/23/22 | 2026523 | 01-12.B116 | SEE SHEET | 55.89 | | | |
| | | 08/11/22 | 4521242 | 01-14.B116 | SEE SHEET | 499.32 | | | |
| | | 08/11/22 | 4622287 | 01-12.B116 | SEE SHEET | 277.40 | | | |
| | | 08/10/22 | 5030656 | 01-12.B113 | SEE SHEET | 30.56 | | | |
| | | 08/10/22 | 5030656 | 01-12.B116 | SEE SHEET | 13.44 | | | |
| | | 08/10/22 | 5030657 | 01-12.B512 | SEE SHEET | 129.00 | | | |
| | | 08/30/22 | 507307 | 01-12.B113 | SEE SHEET | 9.97 | | | |
| | | 08/30/22 | 507307 | 01-12.B512 | SEE SHEET | 14.98 | | | |
| | | 08/05/22 | 7024559 | 01-12.B812 | SEE SHEET | 105.31 | | | |
| | | 08/18/22 | 7031223 | 01-12.B116 | SEE SHEET | 26.94 | | | |
| | | 08/17/22 | 8014679 | 01-12.B812 | SEE SHEET | 38.66 | | | |
| | | 09/06/22 | 8023764 | 01-12.B512 | SEE SHEET | 88.34 | | | |
| | | 09/15/22 | 9010572 | 01-12.B512 | SEE SHEET | 169.00 | 1474.77 | 063793 | |
| IDEA MARKETING GROUP | I000030 | 09/01/22 | R13393 | 01-11.B115 | MONTHLY WEB HOSTING | 95.00 | 95.00 | 063794 | |
| IMPACT NETWORKING INC. | I000400 | 08/18/22 | 2659557 | 01-11.B115 | COPIER SERVICE | 77.00 | 77.00 | 104300 | |
| INFOSEND, INC. | I000415 | 08/31/22 | 219660 | 01-11.B121 | MAILING SERVICES | 4792.49 | 4792.49 | 104301 | |
| INTERSTATE BATTERY SYSTEM | I000680 | 09/06/22 | 320079 | 01-12.B512 | ELECTRIC CART BATTERY | 1056.00 | 1056.00 | 063795 | |
| JM PROCESS SYSTEMS, INC. | J000020 | 07/11/22 | 81522A | 01-12.B507 | SLUICE GATE REPAIR PARTS | 6095.00 | 6095.00 | 063796 | |
| DANIEL JASSO | J000070 | 09/04/22 | 090422 | 01-14.B117 | DJ OUTERWEAR | 167.82 | 167.82 | 104302 | |

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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| KANSAS CITY LIFE INSURANCE CO | K000045 | 09/01/22 | 1038399 | 01-17.E455 | LIFE INSURANCE | 356.50 | 356.50 | 104303 |
| MCCANN INDUSTRIES, INC. | M000340 | 08/13/22 | P71007 | 01-12.B812 | CONCRETE CRK REPAIR & OIL | 240.70 | 240.70 | 063797 |
| MCMaster-CARR SUPPLY COMPANY | M000360 | 08/11/22 | 82994293 | 01-12.B513 | CHP GAS CLEAN SYS FUSE | 35.16 | | |
| | | 08/16/22 | 83213139 | 01-12.B812 | MSB DOOR SCREWS | 16.06 | 51.22 | 104304 |
| MENARDS - BOLINGBROOK | M000430 | 09/01/22 | 37539 | 01-12.B812 | MSB LIGHTING | 39.98 | | |
| | | 09/02/22 | 37620 | 01-12.B812 | MENS LOCKRM SHWRHEAD REPL | 31.99 | 71.97 | 063798 |
| MICHAEL G PHILIPP, PC | M000510 | 08/11/22 | 1577 | 01-11.B124 | LEGAL SERVICES | 885.00 | 885.00 | 063799 |
| MID AMERICAN WATER | M000558 | 08/30/22 | 206561A | 01-14.B913 | SEWER FITTINGS | 1227.80 | 1227.80 | 063822 |
| MOTION INDUSTRIES, INC. | M000750 | 08/26/22 | i11000741908 | 01-12.B511 | SLUDGE PUMPS MOTOR BASES | 303.20 | 303.20 | 104305 |
| MUNICIPAL MARKING | M000820 | 08/05/22 | 34314 | 01-14.B116 | MARKING PAINT | 835.00 | 835.00 | 104306 |
| NACWA | N000005 | 09/13/22 | 75217 | 01-11.B137 | MEMBERSHIP DUES | 1000.00 | 1000.00 | 063800 |
| NCPERS GROUP LIFE INSURANCE | N000010 | 08/01/22 | 3266092022 | 01-17.E455 | VOL LIFE INSURANCE | 240.00 | 240.00 | 104307 |
| NALCO WATER PRETREATMENT | N000030 | 08/18/22 | 2643890 | 01-13.B114 | LAB SUPPLIES | 421.50 | 421.50 | 104308 |
| NAPA AUTO PARTS | N000040 | 08/22/22 | 4343795781 | 01-14.C225 | TRUCK 355 WIPER BLADES | 37.18 | | |
| | | 08/24/22 | 4343796292 | 01-12.B509 | BELT PRESS PARTS | 29.81 | 66.99 | 063801 |
| NEUCO, INC. | N000260 | 08/16/22 | 6118394 | 01-12.B510 | HTX 5 WTR PUMP BEAR ASSY | 598.68 | 598.68 | 104309 |
| NICOR GAS | N000330 | 08/15/22 | 15876210004 | 01-12.B101 | PLANT GAS | 208.48 | | |
| | | 08/15/22 | 44976210003 | 01-12.B101 | PLANT 2 GAS | 82.95 | | |
| | | 08/15/22 | 54976210002 | 01-11.B101 | ADMIN CTR GAS | 54.90 | | |
| | | 08/15/22 | 87801017812 | 01-12.B101 | WALNUT HSE GAS | 49.83 | 396.16 | 063802 |
| NISSAN ENERGY INC | N000350 | 08/24/22 | 278 | 01-12.B513 | CHP 1 PARTS | 942.53 | | |
| | | 09/07/22 | 280 | 01-12.B513 | CHP 1 PRESS SWITCH | 825.00 | 1767.53 | 104310 |
| University Enterprises, Inc. | O000155 | 09/13/22 | 875658 | 01-12.B117 | MR WATER PROGRAM TRAINING | 185.00 | 185.00 | 063823 |
| PACE ANALYTICAL | P000010 | 08/18/22 | 2240120982 | 01-13.B123 | AUG NPDES TESTING | 124.89 | 124.89 | 104311 |
| PACKEY WEBB FORD | P000020 | 08/22/22 | 162277 | 01-14.C225 | TRUCK 305 SENSOR | 20.20 | 20.20 | 104312 |
| John Paladino | P000035 | 09/19/22 | 090922 | 01-00.2005 | RECAPTURE PAYMENT | 11185.10 | 11185.10 | 063803 |
| PEERLESS NETWORK, INC | P000175 | 08/15/22 | 550835 | 01-11.B112 | AUGUST PHONE SERVICE | 17.14 | | |
| | | 09/15/22 | 559069 | 01-11.B112 | AUGUST ADMIN PHN SERVICE | 357.20 | | |
| | | 09/15/22 | 559069 | 01-12.B112 | AUGUST PLANT PHN SERVICE | 789.49 | 1163.83 | 104313 |
| PETTY CASH | P000350 | 09/15/22 | CASH BOX | 01-11.B117 | SUP LUNCH/BACKGROUND CHK | 112.01 | | |
| | | 09/15/22 | CASH BOX | 01-11.B119 | POSTAGE | 48.97 | | |
| | | 09/15/22 | CASH BOX | 01-13.B114 | WATER | 9.23 | | |
| | | 09/15/22 | CASH BOX | 01-13.B116 | LAUNDRY CLEANING SUPPLIES | 9.29 | | |
| | | 09/15/22 | CASH BOX | 01-14.B113 | AL/JR HI VIS VEST | 35.28 | 214.78 | 063804 |
| POLYDYNE INC. | P000395 | 08/30/22 | 1671197 | 01-12.B402 | BELT PRESS POLYMER | 3074.04 | 3074.04 | 104314 |
| PORTER PIPE AND SUPPLY CO. | P000420 | 09/02/22 | 1245879900 | 01-12.B513 | GAS PIPE FOR PLANT | 619.09 | 619.09 | 104315 |
| PRINCIPAL LIFE INSURANCE CO | P000650 | 08/18/22 | 109309910001 | 01-17.E455 | DENTAL INSURANCE | 2583.94 | 2583.94 | 104316 |
| QUADIENT LEASING | Q000250 | 08/23/22 | N9550392 | 01-11.B115 | POSTAGE MACHINE | 462.54 | 462.54 | 104317 |
| RED WING SHOE STORE | R000180 | 09/01/22 | 121512 | 01-12.B117 | MR BOOTS | 195.49 | 195.49 | 104318 |
| RENTALMAX ADMINISTRATION | R000250 | 08/22/22 | 5495165 | 01-12.B116 | FORKLIFT FUEL | 42.09 | | |
| | | 08/29/22 | 5510845 | 01-12.B116 | FORKLIFT FUEL | 33.69 | 75.78 | 063824 |
| Republic Services #551 | R000264 | 08/31/22 | 055101550363 | 01-12.B102 | GRIT SCREEN DUMPSTRER | 766.42 | 766.42 | 063805 |
| ROADSAFE | R000360 | 07/31/22 | RT389859 | 01-14.B910 | TRAFFIC CONTROL | 1250.00 | | |
| | | 08/31/22 | RT393378 | 01-14.B910 | TRAFFIC CONTROL | 2250.00 | 3500.00 | 063806 |
| SAFETY-KLEEN SYSTEMS, INC. | S000050 | 09/06/22 | 89696484 | 01-12.B116 | PART WASHER SOLVENT | 382.21 | 382.21 | 104319 |
| S. Schroeder Trucking, Inc. | S000059 | 09/01/22 | 22970 | 01-12.B509 | SAND | 1118.41 | | |

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|---------------------------------|---------|---------------------|--------------|------------|---------------------------|-----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| | | 08/16/22 | 23643 | 01-12.B509 | SAND | 548.74 | | |
| | | 08/16/22 | 23656 | 01-12.B509 | SAND | 1102.00 | 2769.15 | 063825 |
| SEAWAY SUPPLY CO. | S000200 | 08/11/22 | 185670 | 01-12.B116 | MAINTENANCE SUPPLIES | 145.79 | | |
| | | 08/19/22 | 185946 | 01-12.B116 | MAINTENANCE SUPPLIES | 96.00 | | |
| | | 09/09/22 | 186720 | 01-12.B113 | LEATHER GLOVES | 94.60 | | |
| | | 09/09/22 | 186720 | 01-12.B116 | MSB SUPPLIES | 119.74 | 456.13 | 104320 |
| SELECTIVE INSURANCE COMPANY | S000210 | 08/08/22 | S2321180 | 01-17.E452 | VEH INSURANCE ADJUSTMENT | 254.00 | 254.00 | 063807 |
| CARLY SHAW | S000305 | 08/26/22 | 29077 | 01-12.B117 | FLOWERS FOR CHUCK PREEN | 77.59 | 77.59 | 104321 |
| SHERWIN-WILLIAMS CO. | S000320 | 08/16/22 | 21978 | 01-12.B812 | PAINT BRUSHES | 22.58 | | |
| | | 09/13/22 | 35465 | 01-12.B116 | GARAGE PAINT | 128.59 | | |
| | | 09/15/22 | 36620 | 01-12.B812 | GARAGE PAINT | 128.59 | 279.76 | 104322 |
| SOLENIS LLC | S000450 | 08/31/22 | 132124167 | 01-12.B402 | WAS THICKNER POLYMER | 3192.80 | 3192.80 | 104323 |
| STAPLES INC. | S000640 | 08/12/22 | 3516481776 | 01-11.B116 | OFFICE SUPPLIES | 116.16 | | |
| | | 08/12/22 | 3516481776 | 01-12.B116 | OFFICE SUPPLIES | 20.99 | | |
| | | 08/26/22 | 3516481780 | 01-11.B116 | OFFICE SUPPLIES | 37.14 | 174.29 | 104324 |
| STEPHENS PLUMBING AND | S000680 | 08/31/22 | 250630 | 01-14.B910 | SHEAR REPAIR | 488.10 | | |
| | | 09/07/22 | 250809 | 01-14.B910 | SHEAR REPAIR | 759.00 | 1247.10 | 063808 |
| STEVENSON CRANE SERVICE, INC. | S000720 | 08/15/22 | 247871 | 01-12.B404 | H2S MEDIA CHNG CRANE RENT | 795.00 | 795.00 | 104325 |
| SUBURBAN LIFE PUBLICATIONS | S000867 | 08/31/22 | 10071278 | 01-11.B124 | DIG CLEAN BID ADVERTISE | 192.30 | 192.30 | 063809 |
| TERRACE SUPPLY COMPANY | T000250 | 08/31/22 | 01039715 | 01-12.B116 | CYLINDER RENTAL | 60.58 | 60.58 | 104326 |
| USABLUBOOK | U000150 | 08/16/22 | 080777 | 01-13.B114 | LAB CHEMICALS | 281.69 | | |
| | | 08/18/22 | 083126 | 01-13.B114 | LAB SUPPLIES | 97.46 | 379.15 | 063810 |
| UNDERCUTTERS | U000190 | 08/28/22 | 080322 | 01-15.B825 | TREE/STUMP REMOVAL | 1570.00 | 1570.00 | 063811 |
| UNISON SOLUTIONS, INC. | U000192 | 08/23/22 | 20228941 | 01-12.B513 | CHP AUTO DRAIN VALVES | 1408.15 | | |
| | | 09/06/22 | 20228973 | 01-12.B510 | BIO GAS TESTING | 1025.00 | 2433.15 | 104327 |
| UNITED PARCEL SERVICE | U000300 | 08/27/22 | 000037009135 | 01-14.B115 | SHIPPING SERVICE | 56.60 | | |
| | | 08/20/22 | 00003Y009134 | 01-14.B115 | SHIPPING SERVICE | 27.96 | 84.56 | 063812 |
| UNO CONSTRUCTION CO., INC. | U000450 | 08/31/22 | AUGUST2022 | 01-14.B910 | BSSRAP PROGRAM | 113722.81 | 113722.81 | 104328 |
| VERIZON WIRELESS | V000135 | 09/20/22 | 9914579552 | 01-11.B112 | ADMIN CELL SERVICE | 257.65 | | |
| | | 09/20/22 | 9914579552 | 01-12.B112 | PLANT CELL SERVICE | 976.46 | | |
| | | 09/20/22 | 9914579552 | 01-13.B112 | LAB CELL SERVICE | 58.96 | | |
| | | 09/20/22 | 9914579552 | 01-14.B112 | SS CELL SERVICE | 485.61 | | |
| | | 09/20/22 | 9914579552 | 01-15.B112 | LS CELL SERVICE | 280.58 | | |
| | | 09/23/22 | 9914747781 | 01-11.B112 | ADMIN TABLET SERVICE | 23.02 | | |
| | | 09/23/22 | 9914747781 | 01-12.B112 | PLANT TABLET SERVICE | 118.05 | | |
| | | 09/23/22 | 9914747781 | 01-14.B112 | SS TABLET SERVICE | 40.08 | | |
| | | 09/23/22 | 9914747781 | 01-15.B112 | LS TABLET SERVICE | 36.01 | 2276.42 | 063813 |
| WAGNER COMMUNICATIONS, INC | W000070 | 09/01/22 | 000026488621 | 01-11.B112 | ANSWERING SERVICE | 262.30 | 262.30 | 104329 |
| WASTE MANAGEMENT SERVICES, INC. | W000170 | 08/31/22 | 000256020090 | 01-12.B102 | GARBAGE & RECYCLING | 396.86 | 396.86 | 063826 |
| WESTFAX | W000350 | 09/01/22 | 1400663 | 01-11.B113 | FAX SERVICE | 8.99 | 8.99 | 104330 |
| WEST SIDE TRACTOR SALES CO. | W000380 | 09/06/22 | N27787 | 01-12.B501 | LOADER WIPER BLADES | 59.79 | 59.79 | 063814 |
| VILLAGE OF WESTMONT | W000450 | 08/09/22 | 717683 | 01-11.B121 | METER READINGS | 370.01 | 370.01 | 063815 |
| WILLOW RIDGE GLASS & MIRROR | W000620 | 09/13/22 | DGS09142022 | 01-11.B118 | ADMIN CTR MASONRY PROJ | 250.00 | 250.00 | 063816 |
| ZONATHERM PRODUCTS, INC. | Z000100 | 08/08/22 | Z19622INV | 01-15.B824 | HOBSON LS AIR FILTERS | 494.52 | 494.52 | 063817 |
| | | | | | | ===== | ===== | |
| Total Payments: | | | | | | 297220.94 | 297220.94 | |
| ACH Payments Total: | | | | | | 205130.53 | .00 | |
| Check Payments Total: | | | | | | 92090.41 | 297220.94 | |

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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| CHASE | B000050 | 08/16/22 | EMPLPR080622 | 01-00.2000 | FEDERAL TAX WITHHELD | 9481.04 | | |
| | | 08/16/22 | EMPLPR080622 | 01-00.2002 | EMPL SOC SEC TAX | 6623.86 | | |
| | | 08/16/22 | EMPLPR080622 | 01-17.E461 | EMPLR SOC TAX | 6623.86 | 22728.76 | 104256 |
| CHASE | B000050 | 08/16/22 | SUPVPR081522 | 01-00.2000 | FEDERAL TAX WITHHELD | 3746.06 | | |
| | | 08/16/22 | SUPVPR081522 | 01-00.2002 | EMPL SOC SEC TAX | 2513.53 | | |
| | | 08/16/22 | SUPVPR081522 | 01-17.E461 | EMPLR SOC SEC TAX | 2513.56 | 8773.15 | 104257 |
| CHASE | B000050 | 08/20/22 | EMPLPR082022 | 01-00.2000 | FEDERAL TAX WITHHELD | 9009.52 | | |
| | | 08/20/22 | EMPLPR082022 | 01-00.2002 | EMPL SOC SEC TAX | 6233.38 | | |
| | | 08/20/22 | EMPLPR082022 | 01-17.E461 | EMPLR SOC SEC TAX | 6233.28 | 21476.18 | 104267 |
| CHASE | B000050 | 08/31/22 | SUPVPR083122 | 01-00.2000 | FEDERAL TAX WITHHELD | 3748.29 | | |
| | | 08/31/22 | SUPVPR083122 | 01-00.2002 | EMPL SOC SEC TAX | 2514.47 | | |
| | | 08/31/22 | SUPVPR083122 | 01-17.E461 | EMPLR SOC SEC TAX | 2514.45 | 8777.21 | 104271 |
| CHASE | B000050 | 09/19/22 | EMPLPR090322 | 01-00.2000 | FEDERAL TAX WITHHELD | 8967.21 | | |
| | | 09/19/22 | EMPLPR090322 | 01-00.2002 | EMPL SOC SEC TAX | 6330.94 | | |
| | | 09/19/22 | EMPLPR090322 | 01-17.E461 | EMPLR SOC SEC TAX | 6330.88 | 21629.03 | 104279 |
| D.G. SANIT DIST #XXXXXXXXX1117 | D000400 | 09/19/22 | REIMBURSE | 01-00.1001 | PAYROLL ACCT REIMBURSE | 202540.05 | 202540.05 | 104276 |
| D.G. SANIT DIST #XXXXXXXXX1114 | D000420 | 08/24/22 | REFUNDS | 01-05.3001 | REFUNDS | 1968.65 | 1968.65 | 104274 |
| D.G. SANIT DIST #XXXXXXXXX1112 | D000440 | 09/15/22 | REIMBURSE | 01-12.B116 | MSB SUPPLIES | 153.48 | | |
| | | 09/15/22 | REIMBURSE | 01-12.B512 | MSB SUPPLIES | 184.98 | | |
| | | 09/15/22 | REIMBURSE | 01-14.B115 | JETTER HOSE REPAIR | 75.00 | | |
| | | 09/15/22 | REIMBURSE | 01-14.B910 | BBSRAP RODDING REFUND | 3576.52 | | |
| | | 09/15/22 | REIMBURSE | 01-17.E452 | KJ NOTARY | 64.99 | 4054.97 | 104282 |
| DUPAGE CREDIT UNION | D000650 | 08/16/22 | EMPLPR080622 | 01-00.2013 | EMPL AUTHORIZED W/HOLDING | 2419.00 | 2419.00 | 104255 |
| DUPAGE CREDIT UNION | D000650 | 08/20/22 | EMPLPR082022 | 01-00.2013 | EMPL AUTHORIZED W/HOLDING | 2419.00 | 2419.00 | 104263 |
| DUPAGE CREDIT UNION | D000650 | 09/19/22 | EMPLPR090322 | 01-00.2013 | EMPL AUTHORIZED W/HOLDING | 2419.00 | 2419.00 | 104278 |
| Embassy Suites By Hilton | E000355 | 08/26/22 | 91321760 | 01-11.B117 | IAWA CONF HOTEL JW | 215.04 | 215.04 | 063765 |
| HEALTH CARE SERVICE CORP. | H000190 | 08/17/22 | 165585 | 01-17.E455 | HEALTH INSURANCE | 47583.88 | 47583.88 | 104262 |
| HOME DEPOT | H000400 | 08/26/22 | MULTIPLE | 01-11.B118 | SEE SHEET | 3.57 | | |
| | | 08/26/22 | MULTIPLE | 01-14.B116 | SEE SHEET | 79.76 | 83.33 | 063768 |
| HUDSON ENERGY SERVICES, LLC | H000495 | 08/30/22 | 2208004381 | 01-11.B100 | ADMIN CTR ELECTRIC | 541.47 | | |
| | | 08/30/22 | 2208004381 | 01-12.B100 | WWTC ELECTRIC | 13082.58 | 13624.05 | 063769 |
| HUDSON ENERGY SERVICES, LLC | H000495 | 09/09/22 | S22090910001 | 01-15.B100 | LIFT STATIONS ELECTRIC | 11349.31 | 11349.31 | 063770 |
| IAWA | I000100 | 08/26/22 | REGISTRATION | 01-11.B117 | ANNUAL MEETINGS | 919.00 | 919.00 | 063766 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/16/22 | SUPVPR081522 | 01-00.2001 | STATE STAX WITHHELD | 1542.49 | 1542.49 | 104258 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/16/22 | EMPLPR080622 | 01-00.2001 | STATE TAX WITHHELD | 3994.81 | 3994.81 | 104259 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/20/22 | EMPLPR082022 | 01-00.2001 | STATE TAX WITHHELD | 3759.56 | 3759.56 | 104268 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/31/22 | SUPVPR083122 | 01-00.2001 | STATE TAX WITHHELD | 1543.08 | 1543.08 | 104272 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 09/12/22 | JUNE302022 | 01-00.2001 | LATE PAY FEE | 109.55 | 109.55 | 104275 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 09/19/22 | EMPLPR090322 | 01-00.2001 | STATE TAX WITHHELD | 3813.81 | 3813.81 | 104280 |
| ILLINOIS MUNICIPAL | I000300 | 08/30/22 | PENSION | 01-00.2003 | EMPL PENSION DEPOSIT | 10495.76 | | |
| | | 08/30/22 | PENSION | 01-00.2014 | EMPL VOL PENSION DEPOSIT | 10464.12 | | |
| | | 08/30/22 | PENSION | 01-17.E460 | EMPLR PENSION DEPOSIT | 21271.40 | 42231.28 | 104270 |
| INVOICE CLOUD | I000750 | 08/31/22 | 60720228 | 01-11.B121 | BILLING PORTAL | 655.50 | 655.50 | 104283 |
| MIDAMERICA ADMIN HRA ACCOUNT | M000557 | 08/26/22 | HRA FUNDING | 01-17.E455 | HRA ACCOUNT FUNDING | 500.00 | 500.00 | 104266 |
| Providence Life Services | P000692 | 08/26/22 | REIMBURSE | 01-05.3001 | REIMBURSEMENT | 1952.70 | 1952.70 | 063767 |
| SMARTSIGN | S000432 | 08/24/22 | MUTIPLE | 01-11.B113 | SIGNS FOR PLANT | 43.69 | 43.69 | 063764 |

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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO | |
| TRANSAMERICA RETIREMENT | T000415 | 08/16/22 | SUPVPR081522 | 01-00.2026 | DEF COMP IPPFA | 115.59 | | | |
| | | 08/16/22 | SUPVPR081522 | 01-00.2027 | DEF COMP ROTH IPPFA | 40.00 | | | |
| | | 08/16/22 | SUPVPR081522 | 01-00.2028 | DEF COM LOAN REPAY IPPFA | 77.06 | 232.65 | 104260 | |
| TRANSAMERICA RETIREMENT | T000415 | 08/16/22 | EMPLPR080622 | 01-00.2026 | DEF COMP IPPFA | 323.54 | | | |
| | | 08/16/22 | EMPLPR080622 | 01-00.2027 | DEF COMP ROTH IPPFA | 200.00 | | | |
| | | 08/16/22 | EMPLPR080622 | 01-00.2028 | DEF COMP LOAN REPAY IPPFA | 234.80 | 758.34 | 104261 | |
| TRANSAMERICA RETIREMENT | T000415 | 08/20/22 | EMPLPR082022 | 01-00.2026 | DEF COMP IPPFA | 317.79 | | | |
| | | 08/20/22 | EMPLPR082022 | 01-00.2027 | DEF COMP ROTH IPPFA | 200.00 | | | |
| | | 08/20/22 | EMPLPR082022 | 01-00.2028 | DEF COMP LOAN REPAY IPPFA | 234.80 | 752.59 | 104269 | |
| TRANSAMERICA RETIREMENT | T000415 | 08/31/22 | SUPVPR083122 | 01-00.2026 | DEF COMP IPPFA | 115.59 | | | |
| | | 08/31/22 | SUPVPR083122 | 01-00.2027 | DEF COMP ROTH IPPFA | 40.00 | | | |
| | | 08/31/22 | SUPVPR083122 | 01-00.2028 | DEF COMOP LOAN REPAY IPPF | 77.06 | 232.65 | 104273 | |
| TRANSAMERICA RETIREMENT | T000415 | 09/19/22 | EMPLPR090322 | 01-00.2026 | DEF COMP IPPFA | 336.52 | | | |
| | | 09/19/22 | EMPLPR090322 | 01-00.2027 | DEF COMP ROTH IPPRA | 200.00 | | | |
| | | 09/19/22 | EMPLPR090322 | 01-00.2028 | DEF COMP LOAN REPAY IPPFA | 145.35 | 681.87 | 104281 | |
| | | | | | | ===== | ===== | | |
| Total Payments: | | | | | | 435784.18 | 435784.18 | | |
| ACH Payments Total: | | | | | | 407597.06 | .00 | | |
| Check Payments Total: | | | | | | 28187.12 | 435784.18 | | |

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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| BAXTER & WOODMAN, INC. | B000120 | 08/22/22 | 0237594 | 02-47.0504 | CENTEX CONTR. ADMIN | 437.50 | 437.50 | 104331 |
| | | | | | | ===== | ===== | |
| | | | | | Total Payments: | 437.50 | 437.50 | |
| | | | | | ACH Payments Total: | 437.50 | .00 | |
| | | | | | Check Payments Total: | .00 | 437.50 | |

DATE _____

REVIEWED _____

TRUSTEE APPROVAL _____

PRESIDENT

CLERK

| G/L NUMBER | COST ACCTG DESCRIPTION | DEBIT | CREDIT |
|------------|---|-----------|------------|
| 01-00.1000 | CASH | | 733005.12- |
| 01-00.1001 | CASH - PAYROLL ACCOUNT | 202540.05 | |
| 01-00.2000 | FEDERAL TAX WITHHELD | 34952.12 | |
| 01-00.2001 | STATE TAX WITHHELD | 14763.30 | |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | 24216.18 | |
| 01-00.2003 | IMRF WITHHELD | 10495.76 | |
| 01-00.2005 | CLEARING | 11185.10 | |
| 01-00.2013 | CREDIT UNION WITHHELD | 7257.00 | |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | 10464.12 | |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | 1209.03 | |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | 680.00 | |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | 769.07 | |
| 01-05.3001 | USER RECEIPTS | 3921.35 | |
| 01-11.B100 | ELECTRICITY | 541.47 | |
| 01-11.B101 | NATURAL GAS | 54.90 | |
| 01-11.B102 | WATER, GARBAGE AND OTHER UTILITIES | 147.27 | |
| 01-11.B110 | BANK CHARGES | 29.80 | |
| 01-11.B112 | COMMUNICATION | 1896.20 | |
| 01-11.B113 | EMERGENCY/SAFETY EQUIPMENT | 768.68 | |
| 01-11.B115 | EQUIPMENT/EQUIPMENT REPAIR | 6124.12 | |
| 01-11.B116 | SUPPLIES | 454.63 | |
| 01-11.B117 | EMPLOYEE/DUTY COSTS | 1459.54 | |
| 01-11.B118 | BUILDING AND GROUNDS | 25781.69 | |
| 01-11.B119 | POSTAGE | 48.97 | |
| 01-11.B120 | PRINTING/PHOTOGRAPHY | 270.24 | |
| 01-11.B121 | USER BILLING MATERIALS | 6906.83 | |
| 01-11.B124 | CONTRACT SERVICES | 2671.05 | |
| 01-11.B137 | MEMBERSHIPS/SUBSCRIPTIONS | 1000.00 | |
| 01-11.C222 | GAS/FUEL | 176.85 | |
| 01-11.C225 | OPERATION/REPAIR | 16.66 | |
| 01-12.B100 | ELECTRICITY | 13189.47 | |
| 01-12.B101 | NATURAL GAS | 341.26 | |
| 01-12.B102 | WATER, GARBAGE AND OTHER UTILITIES | 4285.46 | |
| 01-12.B112 | COMMUNICATION | 1884.00 | |
| 01-12.B113 | EMERGENCY/SAFETY EQUIPMENT | 429.17 | |
| 01-12.B116 | SUPPLIES | 2365.15 | |
| 01-12.B117 | EMPLOYEE/DUTY COSTS | 1783.85 | |
| 01-12.B401 | CHEMICALS - DISINFECTION | 4959.06 | |
| 01-12.B402 | CHEMICALS - SLUDGE DEWATERING | 6266.84 | |
| 01-12.B404 | CHEMICALS - OTHER | 795.00 | |
| 01-12.B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL | 109.91 | |
| 01-12.B502 | EQPT/EQPT REPAIR - DISINFECTION | 88.26 | |
| 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT | 6095.00 | |
| 01-12.B508 | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION | 254.77 | |
| 01-12.B509 | EQPT/EQPT REPAIR - SLUDGE DEWATERING | 2798.96 | |
| 01-12.B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | 3175.14 | |

| G/L NUMBER | COST ACCTG DESCRIPTION | DEBIT | CREDIT |
|------------|---|-----------|------------|
| 01-12.B511 | EQPT/EQPT REPAIR - TERTIARY TREATMENT | 303.20 | |
| 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | 2706.66 | |
| 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | 30113.46 | |
| 01-12.B812 | BLDG AND GROUNDS - WWTC GENERAL | 19050.08 | |
| 01-12.C222 | GAS/FUEL | 2291.55 | |
| 01-12.C225 | OPERATION/REPAIR | 250.34 | |
| 01-13.B112 | COMMUNICATION | 58.96 | |
| 01-13.B114 | CHEMICALS | 1180.08 | |
| 01-13.B115 | EQUIPMENT/EQUIPMENT REPAIR | 2084.89 | |
| 01-13.B116 | SUPPLIES | 1263.21 | |
| 01-13.B117 | EMPLOYEE/DUTY COSTS | 177.03 | |
| 01-13.B123 | OUTSIDE LAB SERVICES | 2033.89 | |
| 01-13.C222 | GAS/FUEL | 73.61 | |
| 01-14.B112 | COMMUNICATION | 525.69 | |
| 01-14.B113 | EMERGENCY/SAFETY EQUIPMENT | 35.28 | |
| 01-14.B115 | EQUIPMENT/EQUIPMENT REPAIR | 4216.56 | |
| 01-14.B116 | SUPPLIES | 1414.08 | |
| 01-14.B117 | EMPLOYEE/DUTY COSTS | 1137.56 | |
| 01-14.B902 | SEWER SYSTEM REPAIRS - REPLACEMENT | 2112.50 | |
| 01-14.B910 | SEWER SYSTEM REPAIRS - BSSRAP PROGRAM | 122049.77 | |
| 01-14.B913 | SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH | 1227.80 | |
| 01-14.C222 | GAS/FUEL | 1644.62 | |
| 01-14.C225 | OPERATION/REPAIR | 3301.33 | |
| 01-15.B100 | ELECTRICITY | 11916.90 | |
| 01-15.B112 | COMMUNICATION | 316.59 | |
| 01-15.B523 | EQPT/EQPT REPAIR - EARLSTON | 536.15 | |
| 01-15.B527 | EQPT/EQPT REPAIR - VENARD | 265.97 | |
| 01-15.B529 | EQPT/EQPT REPAIR - LIFT STATIONS GENERAL | 69.42 | |
| 01-15.B820 | BLDG AND GROUNDS - BUTTERFIELD | 137.80 | |
| 01-15.B821 | BLDG AND GROUNDS - CENTEX | 137.80 | |
| 01-15.B823 | BLDG AND GROUNDS - EARLSTON | 137.80 | |
| 01-15.B824 | BLDG AND GROUNDS - HOBSON | 632.32 | |
| 01-15.B825 | BLDG AND GROUNDS - LIBERTY PARK | 1707.80 | |
| 01-15.B826 | BLDG AND GROUNDS - NORTHWEST | 137.80 | |
| 01-15.B827 | BLDG AND GROUNDS - VENARD | 137.80 | |
| 01-15.B828 | BLDG AND GROUNDS - WROBLE | 137.80 | |
| 01-15.B829 | BLDG AND GROUNDS - LIFT STATIONS GENERAL | 346.64 | |
| 01-17.E452 | LIABILITY/PROPERTY | 318.99 | |
| 01-17.E455 | EMPLOYEE GROUP HEALTH | 51704.68 | |
| 01-17.E460 | IMRF | 21271.40 | |
| 01-17.E461 | SOCIAL SECURITY | 24216.03 | |
| 02-00.1000 | CASH | | 437.50- |
| 02-47.0504 | CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN | 437.50 | |
| | | ===== | |
| | | 733442.62 | 733442.62- |

| Vendor | Invoice Date | Amount | Coding | Coding Description | Purchase Location | Emp. | Procurement | Project Name (If applicable) | Item Description |
|------------|--------------|----------|------------|---|-------------------|------|-------------|--|---|
| Grainger | 04/05/22 | \$88.26 | 01-12.B502 | EQPT/EQPT REPAIR - DISINFECTION | In-Store | NW | | | Strainer Screen/Strainer Mesh |
| Grainger | 08/11/22 | \$430.18 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | RF | shopped | Electrical Test Meter Replacement (Rolf) | Fluke Digital Clamp Meter Kit |
| Grainger | 08/12/22 | \$148.80 | 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | In-Store | NW | Same Trip | CHP Unison Chiller | (6) 30 Amp Fuses |
| Grainger | 08/12/22 | \$162.76 | 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | In-Store | NW | Same Trip | CHP Unison Chiller | 24VAC IEC Contactor |
| Grainger | 08/16/22 | \$168.86 | 01-13.B116 | LAB SUPPLIES | Delivered | DRB | shopped | LAB Supplies | weigh boats for reagents |
| Grainger | 08/17/22 | \$21.70 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | NW | | Tool Replacement - Broken (Nick) | 1-3/8" Impact Socket |
| Grainger | 08/17/22 | \$51.21 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | AC | | Maintenance Repair Supplies | Hardware & Plumbing Supplies |
| Grainger | 08/18/22 | \$28.80 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | In-Store | RF | | Tool Replacement (Rolf) | Voltage Detector |
| Grainger | 08/19/22 | \$53.80 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | In-Store | RF | | Electrical Repair Supplies | (10) Rolls Super 33+ Electrical Tape |
| Grainger | 08/22/22 | \$23.50 | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | In-Store | MR | Same Trip | Safety Equipment | (2) Pairs Work Gloves |
| Grainger | 08/22/22 | \$5.02 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | MR | Same Trip | Lab HVAC | (2) V-Belts |
| Grainger | 08/22/22 | \$115.14 | 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | In-Store | JPB | | WWTC Switch Gear Repair | (2) 50' Long 20 Amp Extension Cords |
| Grainger | 09/22/22 | \$30.02 | 01-11.B113 | ADMIN SAFETY | Delivered | JG | | | Safety Sign |
| Grainger | 08/25/22 | \$190.70 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | AC | | Maintenance Repair Supplies | Grinding Flap Discs (30) |
| Grainger | 08/05/22 | \$60.52 | 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | Delivered | NW | | CHP Gas Cleaning System | (4) 30 Amp Fuses |
| Grainger | 08/31/22 | \$21.04 | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | Delivered | FF | | Safety Supplies | High visibility vest |
| Grainger | 09/01/22 | \$220.80 | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | Delivered | MM | | | Nitrile gloves for OPS |
| Grainger | 09/07/22 | \$49.58 | 01-12.B116 | WWTC SUPPLIES | In-Store | MM | | | Replacement hip waders for OP BM |
| Grainger | 09/07/22 | \$12.07 | 01-12.B508 | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION | Delivered | RF | | TWAS Hopper Level Sensor Repair | 5-Pin Connector Cord Set |
| Grainger | 09/07/22 | \$166.30 | 01-12.B508 | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION | Delivered | RF | | TWAS Hopper Level Sensor Repair | Ultrasonic Level Sensor |
| Grainger | 09/08/22 | \$21.73 | 01-12.B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | In-Store | AC | | Sludge Recirculation Pump 5 Seal Replacement | Retaining Compound |
| Grainger | 09/08/22 | \$49.58 | 01-12.B116 | WWTC SUPPLIES | In-Store | MM | | | Replacement hip waders for OP SA |
| Grainger | 09/12/22 | \$86.52 | 01-12.B810 | BLDG & GROUNDS - SLUDGE DIGESTION | Delivered | AC | | Sludge Recirculation Pumps | ID Tags for Pressure Gauges |
| Grainger | 09/13/22 | \$252.64 | 01-13.B116 | LAB SUPPLIES | Delivered | RB | | | Soy Broth/Agar |
| Grainger | 09/13/22 | \$117.56 | 01-13.B116 | LAB SUPPLIES | Delivered | RB | | | Triple sugar iron agar |
| Grainger | 09/16/22 | \$762.15 | 01-13.B116 | LAB SUPPLIES | Delivered | DRB | circle k | lab supplies | tss filters |
| Grainger | 09/16/22 | \$177.03 | 01-13.B117 | EMPLOYEE/DUTY COSTS | Delivered | RB | | | Work shoes/boots SC |
| Grainger | 09/16/22 | \$49.32 | 01-13.B116 | LAB SUPPLIES | Delivered | RB | | | NonWired Notebook |
| Home Depot | 08/25/22 | \$15.96 | 01-12.B116 | WWTC SUPPLIES | In-Store | ST | | | Building/floor cleaner |
| Home Depot | 08/23/22 | \$55.89 | 01-12.B116 | WWTC SUPPLIES | In-Store | CP | | Storage Items | Heavy Duty Wall Hooks |
| Home Depot | 08/11/22 | \$499.32 | 01-14.B116 | SEWER SYSTEM SUPPLIES | In-Store | AH | | Flow Metering | 6 Volt Batteries |
| Home Depot | 08/11/22 | \$277.40 | 01-14.B116 | SEWER SYSTEM SUPPLIES | In-Store | AH | | Flow Metering | 6 Volt Batteries |
| Home Depot | 08/10/22 | \$44.00 | 01-12.B116 | WWTC SUPPLIES | In-Store | BS | | Supplies | Utility Knife, Blades & Goggles |
| Home Depot | 08/10/22 | \$129.00 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | In-Store | BS | | Tool Bag Replacement (Bill) | Milwaukee 20" Tool Bag |
| Home Depot | 08/30/22 | \$24.95 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | In-Store | FF | | | Husky Drawer Liner/1000ft tape (caution tape) |
| Home Depot | 08/08/22 | \$105.31 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | CP | | Tunnel Repairs - Aeration Tanks 1-11 | Mold Remover, Cleaners, Caulk |
| Home Depot | 08/18/22 | \$26.94 | 01-12.B116 | WWTC SUPPLIES | In-Store | CP | | Shop Vac Parts | Crevice Tool & Nozzle |
| Home Depot | 08/17/22 | \$38.66 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | CP | | Painting Supplies | 9" Roller Tray, Liners & Caulk |
| Home Depot | 09/06/22 | \$88.34 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | In-Store | BS | | Maintenance Repair Supplies | Air hose fittings, shelf, air hose, all for MSB |
| Home Depot | 09/15/22 | \$169.00 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | In-Store | NW | | MSB Garage Organization | Metal Shelving Unit |

Date: 9/15/2022
 Due Date: 9/27/2022
 Invoice #: Reimburse

Petty Cash Checking Reimbursement

D-440

| Date | Purchased From | Description | Code | Amount | Ck No. |
|-------------------------------------|---------------------------|-------------------------|--------|----------------|--------|
| 8/15/2022 | Ambience Maple LLC | BBSRAP Rodding Refund | 14B910 | 394.13 | 3796 |
| 8/15/2022 | Fran & Rosalind Jurkowski | BBSRAP Rodding Refund | 14B910 | 394.13 | 3798 |
| 8/15/2022 | April Clark | BBSRAP Rodding Refund | 14B910 | 400 | 3799 |
| 8/15/2022 | John & Kathleen Cantlon | BBSRAP Rodding Refund | 14B910 | 400 | 3800 |
| 8/15/2022 | JoAnn Hansen | BBSRAP Rodding Refund | 14B910 | 400 | 3802 |
| 8/15/2022 | Ronald Searl | BBSRAP Rodding Refund | 14B910 | 394.13 | 3803 |
| 8/19/2022 | Costco | MSB Supplies | 12B116 | 153.48 | 3804 |
| 9/2/2022 | Harbor Freight | MSB Supplies | 12B512 | 184.98 | 3805 |
| 9/7/2022 | High Speed Welding | Repair Jetter Hose | 14B115 | 75 | 3806 |
| 09/07/22 | Notary Express Inc | Kelly Ann Justus Notary | 17E452 | 64.99 | 3807 |
| 09/14/22 | Sonny & Cassie Trinidad | BBSRAP Rodding Refund | 14B910 | 394.13 | 3808 |
| 09/14/22 | Laura Hope | BBSRAP Rodding Refund | 14B910 | 400.00 | 3809 |
| 09/14/22 | Terrance & Wieslawa Pucek | BBSRAP Rodding Refund | 14B910 | 400.00 | 3810 |
| Total Receipts/Reimbursement | | | | 4054.97 | |

Expense by code

| | |
|--------|---------|
| 12B116 | 153.48 |
| 12B512 | 184.98 |
| 14B115 | 75.00 |
| 17E452 | 64.99 |
| 14B910 | 3576.52 |
| Total | 4054.97 |

Date: 9/15/2022

Petty Cash Reimbursement

P - 350

Due Date: 9/27/2022

Invoice #: Cash Box

| Date | Purchased From | Reimbursed To | Description | Code | Amount |
|---------|----------------|---------------|---|-----------------------|---------------|
| 8/10/22 | Walmart | Alan Hartigan | Hi Vis Vest | 14B113 | 18.32 |
| 8/16/22 | Turning Point | Carly Shaw | Kelly Justus Background Check (Social Security) | 11B117 | 4.95 |
| 8/16/22 | Turning Point | Carly Shaw | Kelly Justus Background Check (State) | 11B117 | 12.95 |
| 8/9/22 | Aldi | Jessie Gwozdz | Lemonade for Arc Flash training class | 11B117 | 5.38 |
| 9/4/22 | Walmart | Jose Roche | Hi Vis Vest | 14B117 | 16.96 |
| 8/23/22 | USPS | Megan | Postage | 11B119 | 48.97 |
| 9/7/22 | Jewel | Reese Berry | Water | 13B114 | 9.23 |
| 8/18/22 | Pho Noodle | Carly Shaw | Sups Lunch | 11B117 | 88.73 |
| 9/14/22 | Target | Reese Berry | Laundry Cleaning | 13B116 | 9.29 |
| | | | | | |
| | | | | Total Receipts | 214.78 |

Expense by code

| | |
|--------|--------|
| 11B117 | 112.01 |
| 11B119 | 48.97 |
| 13B114 | 9.23 |
| 13B116 | 9.29 |
| 14B113 | 18.32 |
| 14B117 | 16.96 |

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Board of Trustees

FROM: Carly Shaw
Administrative Supervisor

DATE: September 19, 2022

RE: Fiscal Year 2021-22 Audit Report

Attached are the Required Letters of Governance and the Annual Financial Report for the Year Ended April 30, 2022, as prepared by the District's auditors, Lauterbach & Amen, LLP. Ann Scales will attend the September 27 meeting to present the report. The report is not official until the Board of Trustees votes to accept it after review with a formal motion during the September 27 meeting.

Once the District's Board of Trustees takes action to accept the complete Fiscal Year 2021-22 Audit Report, as attached, it will be transmitted to the DuPage County Board Chairman's office per DuPage County Ordinance OCB-001-11 and filed as appropriate with the Illinois Comptroller's Office by October 30, 2022.

Attachment

cc: KJR, RTJ, MJS, ARU, MGP

Required Communications Regarding the District's Audit

As part of audit process, the auditors are required to communicate to those charged with governance and management certain items related to the audit process and the auditors' findings. Enclosed you will find such communication letters for each:

- SAS 114 Letter – the auditors' communication to those charged with governance of our audit process
- Management Letter – the auditors' communication of internal controls that are considered to be control deficiencies as well as other recommendations related to the audit process including new GASB pronouncements, etc.
- Management Representation Letter – the District's communication to the auditors of its responsibilities related to the audit process

SAS 114 Letter

Lauterbach & Amen's communication to the Board of the audit process



September 20, 2022

Members of the Board of Trustees
Downers Grove Sanitary District, Illinois

We have audited the financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of the Downers Grove Sanitary District, Illinois for the year ended April 30, 2022. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards (and, if applicable, *Government Auditing Standards* and the Uniform Guidance), as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated September 20, 2022. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the District are described in the Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the year ended April 30, 2022. We noted no transactions entered into by the District during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimate affecting the governmental activities' financial statements was:

Management's estimate of the depreciation expense on capital assets is based on assumed useful lives of the underlying capital assets, the net pension (asset) is based on estimated assumptions used by the actuary, and the total OPEB liability is based on estimated assumptions used by the actuary. We evaluated the key factors and assumptions used to develop the depreciation expense, net pension (asset), and the total OPEB Liability in determining that it is reasonable in relation to the financial statements taken as a whole.

The financial statement disclosures are neutral, consistent, and clear.

Significant Audit Findings – Continued

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. There were no material misstatements detected as a result of audit procedures.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated September 20, 2022.

Management Consultations with Other Independent Auditors

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the District's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the District's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to the required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on the other supplementary information and supplemental schedules, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with the accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

Restrictions on Use

This information is intended solely for the use of the Board of Trustees and management of the District and is not intended to be, and should not be, used by anyone other than these specified parties.

We wish to express our gratitude to the Board of Trustees and staff (in particular the Finance Department) of the Downers Grove Sanitary District, Illinois for their valuable cooperation throughout the audit engagement.

Lauterbach & Amen, LLP
LAUTERBACH & AMEN, LLP

Management Letter

DOWNERS GROVE SANITARY DISTRICT

MANAGEMENT LETTER

FOR THE FISCAL YEAR ENDED
APRIL 30, 2022



September 20, 2022

Members of the Board of Trustees
Downers Grove Sanitary District, Illinois

In planning and performing our audit of the financial statements of the Downers Grove Sanitary District (the District) for the year ended April 30, 2021, we considered its internal control structure in order to determine our auditing procedures for the purpose of expressing our opinion on the financial statements and not to provide assurance on the internal control structure.

We do not intend to imply that our audit failed to disclose commendable aspects of your system and structure. For your consideration we herein submit our comments and suggestions which are designed to assist in effecting improvements in internal controls and procedures. Those less-significant matters, if any, which arose during the course of the audit, were reviewed with management as the audit field work progressed.

The accompanying comments and recommendations are intended solely for the information and use of the Board of Trustees, management, and others within the Downers Grove Sanitary District.

We will review the status of these comments during our next audit engagement. We have already discussed many of these comments and suggestions with various District personnel. We would be pleased to discuss our comments and suggestions in further detail with you at your convenience, to perform any additional study of these matters, or to review the procedures necessary to bring about desirable changes.

We commend the finance department for the well-prepared audit package and we appreciate the courtesy and assistance given to us by the entire District staff.

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP

PRIOR RECOMMENDATION

1. GASB STATEMENT NO. 87 LEASES

Comment

In June 2017, the Governmental Accounting Standards Board (GASB) issued Statement No. 87, *Leases*, which provides guidance regarding the information needs of financial statement users by improving accounting and financial reporting for leases by governments. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this Statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources, thereby enhancing the relevance and consistency of information about governments' leasing activities. In accordance with GASB Statement No. 95, *Postponement of the Effective Dates of Certain Authoritative Guidance*, which was issued as temporary relieve to governments and other stakeholders in light of the COVID-19 pandemic, GASB Statement No. 87, *Leases* is applicable to the District's financial statements for the year ended April 30, 2023.

Recommendation

Lauterbach & Amen, LLP will work directly with the District to review the new lease criteria in conjunction with the District's current leases to determine the appropriate financial reporting for these activities under GASB Statement No. 87.

Management Response

Management acknowledges this comment and will work to implement by April 30, 2023, as required by GASB.

Status

This comment has not been implemented and will be repeated in the future.

Representation Letter

District's communication to Lauterbach & Amen regarding management's responsibility

Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Jeremy M. Wang
Clerk

Downers Grove Sanitary District

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P.O. Box 1412
Downers Grove, IL 60515-0703
Phone: 630-969-0664
Fax: 630-969-0827
www.dgsd.org

General Manager
Amy R. Underwood

Legal Counsel
Michael G. Philipp

Providing a Better Environment for South Central DuPage County

September 20, 2022

Lauterbach & Amen, LLP
Certified Public Accountants
668 N. River Road
Naperville, IL 60563

This representation letter is provided in connection with your audit of the financial statements of the Downers Grove Sanitary District (the District), Illinois, which comprise the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information as of year-end, and the respective changes in financial position and for the year then ended, and the disclosures (collectively, the “financial statements”), for the purpose of expressing opinions as to whether the financial statements are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Certain representations in this letter are described as being limited to matters that are material. Items are *considered* material, regardless of size, if they involve an omission or misstatement of accounting information that, in light of surrounding circumstances, makes it probable that the judgment of a reasonable person relying on the information would be changed or influenced by the omission or misstatement. An omission or misstatement that is monetarily small in amount could be considered material as a result of qualitative factors.

We confirm, to the best of our knowledge and belief, as of September 20, 2022, the following representations made to you during your audit.

Financial Statements

1. We have fulfilled our responsibilities, as set out in the terms of the audit engagement letter, including our responsibility for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP and for preparation of the supplementary information in accordance with the applicable criteria.
2. The financial statements referred to above are fairly presented in conformity with U.S. GAAP and include all properly classified funds and other financial information of the primary government and all component units required by generally accepted accounting principles to be included in the financial reporting entity.

3. We acknowledge our responsibility for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.
4. We acknowledge our responsibility for the design, implementation, and maintenance of internal control to prevent and detect fraud.
5. Significant assumptions we used in making accounting estimates, including those measured at fair value, are reasonable.
6. Related party relationships and transactions, including revenues, expenditures/expenses, loans, transfers, leasing arrangements, and guarantees, and amounts receivable from or payable to related parties have been appropriately accounted for and disclosed in accordance with U.S. GAAP.
7. Adjustments or disclosures have been made for all events, including instances of noncompliance, subsequent to the date of the financial statements that would require adjustment to or disclosure in the financial statements.
8. The effects of all known actual or possible litigation, claims, and assessments have been accounted for and disclosed in accordance with U.S. GAAP.
9. Guarantees, whether written or oral, under which the District is contingently liable, if any, have been properly recorded or disclosed.

Information Provided

10. We have provided you with:
 - a. Access to all information, of which we are aware, that is relevant to the preparation and fair presentation of the financial statements, such as records (including information obtained from outside of the general and subsidiary ledgers), documentation, and other matters.
 - b. Additional information that you have requested from us for the purpose of the audit.
 - c. Unrestricted access to persons within the District from whom you determined it necessary to obtain audit evidence.
 - d. Minutes of the meetings of the District or summaries of actions of recent meetings for which minutes have not yet been prepared.
11. All material transactions have been recorded in the accounting records and are reflected in the financial statements.
12. We have disclosed to you the results of our assessment of the risk that the financial statements may be materially misstated as a result of fraud.
13. We have no knowledge of any fraud or suspected fraud that affects the District and involves:
 - a. Management,
 - b. Employees who have significant roles in internal control, or
 - c. Others where the fraud could have a material effect on the financial statements.
14. We have no knowledge of any allegations of fraud or suspected fraud affecting the District's financial statements communicated by employees, former employees, regulators, or others.

15. We have no knowledge of instances of noncompliance or suspected noncompliance with provisions of laws, regulations, contracts, or grant agreements, or abuse, whose effects should be considered when preparing financial statements.
16. We have disclosed to you all known actual or possible litigation, claims, and assessments whose effects should be considered when preparing the financial statements.
17. We have disclosed to you the names of the District's related parties and all the related party relationships and transactions, including any side agreements.

Government – Specific

18. There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices.
19. We have identified to you any previous audits, attestation engagements, and other studies related to the audit objectives and whether related recommendations have been implemented.
20. We have identified to you any investigations or legal proceedings that have been initiated with respect to the period under audit, if applicable.
21. The District has no plans or intentions that may materially affect the carrying value or classifications of assets, deferred outflows of resources, liabilities, deferred inflows of resources, or fund balance or net position.
22. We are responsible for compliance with the laws, regulations, and provisions of contracts and grant agreements applicable to us, including tax or debt limits and debt contracts; and contractual provisions for reporting specific activities in separate funds.
23. We have appropriately disclosed all information for conduit debt obligations in accordance with GASBS Statement No. 91, if applicable.
24. We have identified and disclosed to you all instances of identified and suspected fraud and noncompliance with provisions of laws, regulations, contracts, and grant agreements that we believe have a material effect on the financial statements.
25. There are no violations or possible violations of budget ordinances, laws and regulations (including those pertaining to adopting, approving, and amending budgets), provisions of contracts and grant agreements, tax or debt limits, and any related debt covenants whose effects should be considered for disclosure in the financial statements, or as a basis for recording a loss contingency, or for reporting on noncompliance.
26. As part of your audit, you assisted with preparation of the financial statements and disclosures. We acknowledge our responsibility as it relates to those nonaudit services, including that we assume all management responsibilities; oversee the services by designating an individual, preferably within senior management, who possesses suitable skill, knowledge, or experience; evaluate the adequacy and results of the services performed; and accept responsibility for the

results of the services. We have reviewed, approved, and accepted responsibility for those financial statements and disclosures.

27. The District has satisfactory title to all owned assets, and there are no liens or encumbrances on such assets nor has any asset been pledged as collateral.
28. The District has complied with all aspects of contractual agreements that would have a material effect on the financial statements in the event of noncompliance.
29. The financial statements include all component units, appropriately present majority equity interests in legally separate organizations and joint ventures with an equity interest, and properly disclose all other joint ventures and other related organizations, if applicable.
30. The financial statements include all fiduciary activities required by GASB Statement No. 84, if applicable.
31. The financial statements properly classify all funds and activities in accordance with GASB Statement No. 34 as amended.
32. All funds that meet the quantitative criteria in GASB Statement Nos. 34 and 37 for presentation as major are identified and presented as such and all other funds that are presented as major are particularly important to financial statement users.
33. Components of net position (net investment in capital assets; restricted; unrestricted) and classifications of fund balance (nonspendable, restricted, committed, assigned, and unassigned) are properly classified and, if applicable, approved.
34. Investments, derivative instruments, and land and other real estate held by endowments are properly valued.
35. Provisions for uncollectible receivables have been properly identified and recorded.
36. Expenses have been appropriately classified in or allocated to functions and programs in the statement of activities, and allocations have been made on a reasonable basis.
37. Revenues are appropriately classified in the statement of activities within program revenues, general revenues, contributions to term or permanent endowments, or contributions to permanent fund principal.
38. Interfund, internal, and intra-entity activity and balances have been appropriately classified and reported.
39. Deposits and investment securities are properly classified as to risk and are properly disclosed.
40. Capital assets, including infrastructure and intangible assets, as applicable, are properly capitalized, reported, and, if applicable, depreciated or amortized.
41. We have appropriately disclosed the District's policy regarding whether to first apply restricted or unrestricted resources when an expense is incurred for purposes for which both restricted and

unrestricted net position are available and have determined that net position is properly recognized under the policy.

42. We are following our established accounting policy regarding which resources (that is, restricted, committed, assigned, or unassigned) are considered to be spent first for expenditures for which more than one resource classification is available. That policy determines the fund balance classifications for financial reporting purposes.

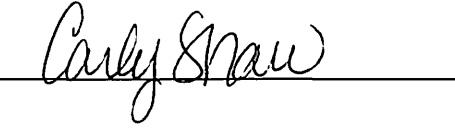
43. We acknowledge our responsibility for the required supplementary information (RSI). The RSI is measured and presented within prescribed guidelines and the methods of measurement and presentation have not changed from those used in the prior period. We have disclosed to you any significant assumptions and interpretations underlying the measurement and presentation of the RSI.

44. With respect to the other supplementary information:
 - a. We acknowledge our responsibility for presenting the other supplementary information in accordance with accounting principles generally accepted in the United States of America, and we believe the other supplementary information, including its form and content, is fairly presented in accordance with accounting principles generally accepted in the United States of America. The methods of measurement and presentation of other supplementary information have not changed from those used in the prior period, and we have disclosed to you any significant assumptions or interpretations underlying the measurement and presentation of the supplementary information.
 - b. If the other supplementary information is not presented with the audited financial statements, we will make the audited financial statements readily available to the intended users of the supplementary information no later than the date we issue the supplementary information and the auditor's report thereon.

45. In regard to the financial statement preparation and actuarial services performed by your firm, we have:
 - a. Assumed all management responsibilities.
 - b. Designated the General Manager and Administrative Supervisor who has suitable skill, knowledge, or experience to oversee the services.
 - c. Evaluated the adequacy and result of the services performed.
 - d. Accepted responsibility for the results of the services.

Signed: 

Title: General Manager

Signed: 

Title: Administrative Supervisor

DOWNERS GROVE SANITARY DISTRICT

ANNUAL FINANCIAL REPORT



FOR THE FISCAL YEAR ENDED
APRIL 30, 2022

DOWNERS GROVE SANITARY DISTRICT

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FINANCIAL SECTION

This section includes:

- Independent Auditors' Report
- Management's Discussion and Analysis
- Basic Financial Statements
- Required Supplementary Information
- Other Supplementary Information
- Supplemental Schedule

INDEPENDENT AUDITORS' REPORT

This section includes the opinion of the District's independent auditing firm.



INDEPENDENT AUDITOR'S REPORT

September 20, 2022

Members of the Board of Trustees
Downers Grove Sanitary District, Illinois

Opinions

We have audited the accompanying financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of the Downers Grove Sanitary District, Illinois, as of and for the year ended April 30, 2022, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the Downers Grove Sanitary District, Illinois, as of April 30, 2022, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the District, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Downers Grove Sanitary District, Illinois' basic financial statements. The other supplementary information and supplemental schedule are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, other supplementary information and supplemental schedule are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Lauterbach & Amen, LLP
LAUTERBACH & AMEN, LLP

MANAGEMENT'S DISCUSSION AND ANALYSIS

DOWNERS GROVE SANITARY DISTRICT

Management's Discussion and Analysis April 30, 2022

Our discussion and analysis of the Downers Grove Sanitary District's (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended April 30, 2022. Please read it in conjunction with the District's financial statements.

FINANCIAL HIGHLIGHTS

- The user charge was increased from \$ 1.95 to \$ 2.05 per 1,000 gallons of consumption and the monthly fee was increased from \$17.00 to \$19.00, both effective April 2022. Billable flows for FY2021-22 were 5.07 million gallons per day, a 1.5% increase from the FY2020-21 billable flows.
- During the year, government-wide revenues for the District totaled \$10,870,027, while expenses totaled \$7,637,516, resulting in an increase in net position of \$3,232,511. Even though the District recognized a positive net change in fund balances of \$2,102,642, the increase in net position of \$3,232,511 resulted largely from the following: capital outlays resulting in an increase in capita assets, an increase in net pension asset, offset with increases to both compensated absences and total OPEB liability.
- The District's net position totaled \$79,458,943 on April 30, 2022, which includes \$69,054,313 net investment in capital assets, 1,812,253 subject to external restrictions, and \$8,592,377 unrestricted net position that may be used to meet the ongoing obligations of the District.

USING THIS ANNUAL REPORT

This annual report consists of a series of financial statements. The Statement of Net Position and the Statement of Activities provide information about the activities of the District as a whole and present a longer-term view of the District's finances. For governmental activities, these statements tell how these services were financed in the short term as well as what remains for future spending. Fund financial statements also report the District's operations in more detail than the government-wide statements by providing information about the District's most significant funds.

DOWNERS GROVE SANITARY DISTRICT

Management's Discussion and Analysis April 30, 2022

USING THIS ANNUAL REPORT – Continued

Government-Wide Financial Statements

The government-wide financial statements provide readers with a broad overview of the District's finances, in a matter similar to a private-sector business.

The Statement of Net Position reports information on all of the District's assets/deferred outflows and liabilities/deferred inflows, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating. Consideration of other nonfinancial factors, such as changes in the District's property tax base and the condition of the District's infrastructure, is needed to assess the overall health of the District.

The Statement of Activities presents information showing how the government's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes and earned but unused vacation leave).

Fund Financial Statements

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the District are considered governmental funds.

Governmental Funds

Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, governmental fund financial statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating the District's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate the comparison between governmental funds and governmental activities.

DOWNERS GROVE SANITARY DISTRICT

Management's Discussion and Analysis April 30, 2022

USING THIS ANNUAL REPORT – Continued

Fund Financial Statements – Continued

Governmental Funds – Continued

The District maintains four individual governmental funds. Information is presented separately in the governmental fund balance sheet and in the governmental fund statement of revenues, expenditures, and changes in fund balances for the General Fund, Public Benefit Fund, Improvement Fund, and Construction Fund, all of which are considered to be major funds.

The District adopts an annual appropriated budget for all of the governmental funds. A budgetary comparison schedule for these funds has been provided to demonstrate compliance with this budget.

Notes to the Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

Other Information

In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information concerning the District's I.M.R.F. employee pension obligations, retiree benefit plan, and budgetary comparison schedules for the General Fund and major special revenue fund. The budgetary comparison schedules are presented immediately following the required supplementary information, in addition to a supplemental schedule detailing the District's long-term debt requirements.

DOWNERS GROVE SANITARY DISTRICT

Management's Discussion and Analysis April 30, 2022

GOVERNMENT-WIDE FINANCIAL ANALYSIS

Net position may serve over time as a useful indicator of a government's financial position. The following tables show that in the case of the District, assets/deferred outflows exceeded liabilities/deferred inflows by \$79,458,943.

| | Net Position | |
|------------------------------------|---------------|------------|
| | 2022 | 2021 |
| Current/Other Assets | \$ 14,380,517 | 10,287,969 |
| Capital Assets | 71,634,824 | 72,241,591 |
| Total Assets | 86,015,341 | 82,529,560 |
| Deferred Outflows | 524,179 | 595,113 |
| Total Assets/Deferred Outflows | 86,539,520 | 83,124,673 |
| Long-Term Debt | 3,017,172 | 3,763,284 |
| Other Liabilities | 803,323 | 790,074 |
| Total Liabilities | 3,820,495 | 4,553,358 |
| Deferred Inflows | 3,260,082 | 2,344,883 |
| Total Liabilities/Deferred Inflows | 7,080,577 | 6,898,241 |
| Net Position | | |
| Net Investment in Capital Assets | 69,054,313 | 69,357,491 |
| Restricted | 1,812,253 | 2,423,093 |
| Unrestricted | 8,592,377 | 4,445,848 |
| Total Net Position | 79,458,943 | 76,226,432 |

A large portion of the District's net position, \$69,054,313 or 86.9 percent, reflects its investment in capital assets (for example, land, construction in progress, building and equipment, and sanitary sewers infrastructure), less any related debt used to acquire those assets that is still outstanding. The District uses these capital assets to provide services to citizens; consequently, these assets are not available for future spending. Although the District's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

An additional portion, \$1,812,253 or 2.3 percent, of the District's net position represents resources that are subject to external restrictions on how they may be used. The remaining 10.8 percent, or \$8,592,377, represents unrestricted net assets and may be used to meet the government's ongoing obligations to citizens and creditors.

DOWNERS GROVE SANITARY DISTRICT

**Management’s Discussion and Analysis
April 30, 2022**

GOVERNMENT-WIDE FINANCIAL ANALYSIS – Continued

| | <u>Change in Net Position</u> | |
|------------------------------------|-------------------------------|--------------------------|
| | <u>2022</u> | <u>2021</u> |
| Revenues | | |
| Program Revenues | | |
| Charges for Services | \$ 9,136,787 | 8,457,312 |
| Operating Grants/Contributions | 160,259 | - |
| General Revenues | | |
| Property Taxes | 1,329,850 | 1,278,194 |
| Invetergovernmental - Unrestricted | | |
| Replacement Taxes | 214,976 | 92,480 |
| Investment Income | 10,601 | 31,051 |
| Miscellaneous | 17,554 | 31,930 |
| Total Revenues | <u>10,870,027</u> | <u>9,890,967</u> |
| Expenses | | |
| General Government | <u>7,637,516</u> | <u>8,690,707</u> |
| Change in Net Position | 3,232,511 | 1,200,260 |
| Net Position - Beginning | <u>76,226,432</u> | <u>75,026,172</u> |
| Net Position - Ending | <u><u>79,458,943</u></u> | <u><u>76,226,432</u></u> |

Net position of the District increased by 4.2 percent (\$76,226,432 in 2021, compared to \$79,458,943 in 2022). Unrestricted net position, the part of net position that can be used to finance day-to-day operations without constraints, totaled \$8,592,377 on April 30, 2022.

Governmental Activities

Revenues for governmental activities totaled \$10,870,027, while the cost of all governmental functions totaled \$7,637,516. This results in a surplus of \$3,232,511.

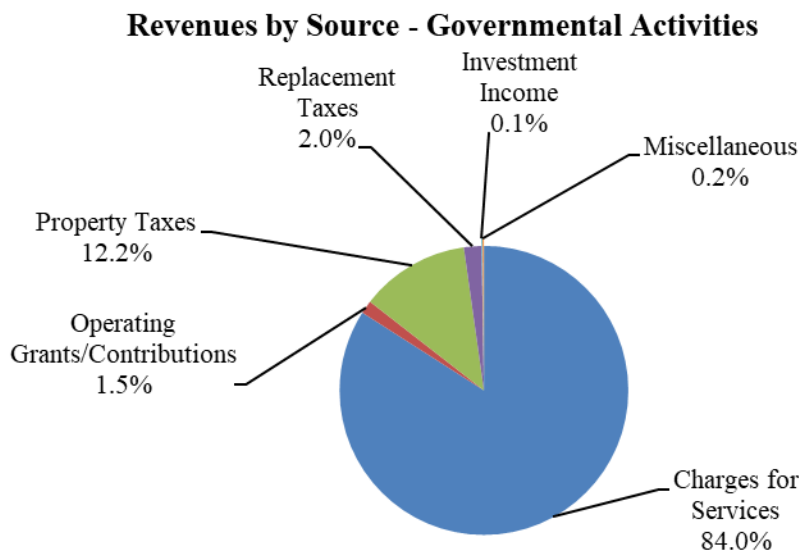
DOWNERS GROVE SANITARY DISTRICT

Management's Discussion and Analysis April 30, 2022

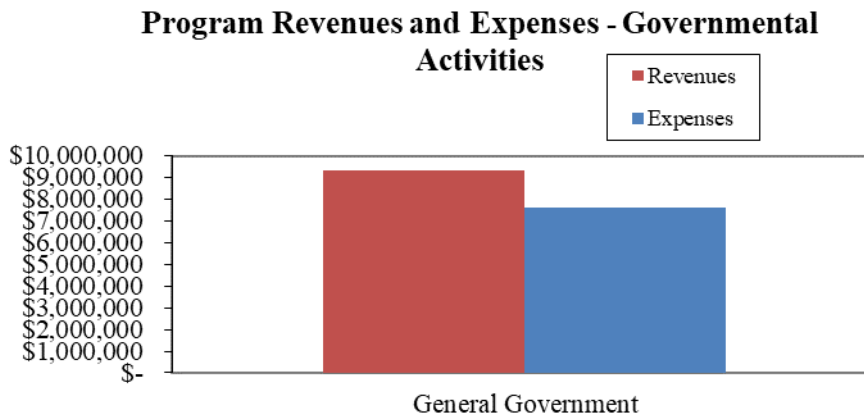
GOVERNMENT-WIDE FINANCIAL ANALYSIS – Continued

Governmental Activities – Continued

The following figure graphically depicts the major revenue sources of the District. It depicts very clearly the reliance on charges for services and property taxes to fund governmental activities. It also clearly identifies the less significant percentage the District receives from grants and contributions, replacement taxes, investment and miscellaneous income.



The 'Program Revenues and Expenses' Figure identifies those governmental functions where program expenses greatly exceed revenues.



DOWNERS GROVE SANITARY DISTRICT

Management's Discussion and Analysis April 30, 2022

FINANCIAL ANALYSIS OF THE GOVERNMENT'S FUNDS

As noted earlier, the District uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

Governmental Funds

The focus of the District's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. In particular, unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

In the course of closing this fiscal year, the District continued its year-end accrual practices that it began in the fiscal year ending 2020.

The District's governmental funds reported combining ending fund balances of \$10,807,500, which is \$2,102,642 or 24.2 percent, more than last year's total of \$8,704,858. Of the \$10,807,500 total, \$6,178,964, or approximately 57.2 percent, of the combined fund balances constitutes unassigned fund balance.

The General Fund reported a positive change in fund balance for the year of \$1,594,457, an increase of 25.4 percent. A reduction in fund balance of \$1,643,150 was budgeted to restore the ending fund balance to 25% of annual expenses. These variances are further outlined on the General Fund Schedule of Revenues, Expenditures and Changes in Fund Balance.

The General Fund is the chief operating fund of the District. On April 30, 2022, unassigned fund balance in the General Fund was \$6,178,964, which represents 78.5 percent of the total fund balance of the General Fund. As a measure of the General Fund's liquidity, it may be useful to compare unassigned fund balance to total fund expenditures. Unassigned fund balance in the General Fund represents approximately 72.5 percent of total General Fund expenditures.

The Public Benefit Fund reported a positive change in fund balance for the year of \$13, which represents the current year's receipt of investment income.

The Improvement Fund reported a positive change in fund balance for the year of \$176,253, an increase of 15.7 percent. This change reflects fund revenues in excess of fund expenditures for the year due to the delay of the Centex Lift Station improvement project. These variances are further outlined on the Improvement Fund Schedule of Revenues, Expenditures and Changes in Fund Balance.

DOWNERS GROVE SANITARY DISTRICT

**Management’s Discussion and Analysis
April 30, 2022**

FINANCIAL ANALYSIS OF THE GOVERNMENT’S FUNDS – Continued

Governmental Funds – Continued

The Construction Fund reported a positive change in fund balance for the year of \$331,919, an increase of 26.2 percent. An increase in fund balance of \$222,500 was budgeted, to replenish capital reserves for future construction of improvements at the wastewater treatment center. These variances are further outlined on the Construction Fund Schedule of Revenues, Expenditures and Changes in Fund Balance.

GENERAL FUND BUDGETARY HIGHLIGHTS

There were no budget amendments to the General Fund during the year. General Fund actual revenues for the year totaled \$10,377,127, compared to budgeted revenues of \$9,658,750.

The General Fund actual expenditures for the year were \$2,499,825 lower than budgeted (\$8,527,075 actual compared to \$11,026,900 budgeted). Due to permitting delays, the outfall sewer repair project, for which \$1,000,000 was budgeted, was bid in March 2022. This pushed all construction expenses for that project to FY22-23. In addition to the outfall project being delayed, several smaller projects were not completed due to supply chain issues.

CAPITAL ASSETS AND DEBT ADMINISTRATION

Capital Assets

The District’s investment in capital assets for its governmental and business type activities as of April 30, 2022 was \$71,634,824 (net of accumulated depreciation). This investment in capital assets includes land, construction in progress, buildings and equipment, and sanitary sewer infrastructure.

| | <u>Capital Assets - Net of Depreciation</u> | |
|-------------------------------|---|-------------------|
| | <u>2022</u> | <u>2021</u> |
| Land | \$ 2,496,725 | 2,496,725 |
| Construction in Progress | 805,853 | - |
| Buildings and Equipment | 26,119,245 | 26,734,390 |
| Sanitary Sewer Infrastructure | 42,213,001 | 43,010,476 |
| Totals | <u>71,634,824</u> | <u>72,241,591</u> |

This year’s major additions included:

| | |
|-------------------------------|------------------|
| Construction in Progress | \$ 805,853 |
| Buildings and Equipment | 644,119 |
| Sanitary Sewer Infrastructure | <u>27,165</u> |
| | <u>1,477,137</u> |

Additional information on the District’s capital assets can be found in Note 3 of this report.

DOWNERS GROVE SANITARY DISTRICT

Management's Discussion and Analysis April 30, 2022

CAPITAL ASSETS AND DEBT ADMINISTRATION – Continued

Debt Administration

At year-end, the District had total outstanding debt of \$2,580,511 as compared to \$2,884,100 the previous year, a decrease of 10.5 percent. The following is a comparative statement of outstanding debt:

| | Long-Term Debt Outstanding | |
|--------------------|----------------------------|------------------|
| | 2022 | 2021 |
| IEPA Loans Payable | <u>\$ 2,580,511</u> | <u>2,884,100</u> |

Additional information on the District's long-term debt can be found in Note 3 of this report.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGET AND RATES

The District's Board of Trustees considered many factors when setting the fiscal-year 2022-23 budget and fees that will be charged for its governmental activities. Increases in the user charge from \$1.95 to \$2.05 per 1,000 gallons of consumption and the monthly service fees from \$17.00 to \$19.00 were established to match the increasing costs of operation, maintenance and replacement of infrastructure. Increases in connection fees were established to match increases in the cost of construction. Increases in inspection fees and sampling and monitoring charges were established to match salary increases. Surcharge rates were increased to match the cost of treatment.

The District anticipates an increase in tax revenues, budgeting \$1.340 million for 2022-23 as compared to the 2021-22 budget of \$1.292 million, an increase of 3.7 percent. The District's 2022-23 budget continues with previous equipment and infrastructure investments that help control long-term operating costs and sustain the infrastructure.

REQUESTS FOR INFORMATION

This financial report is designed to provide a general overview of the District's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional information should be directed to the General Manager or Treasurer, Downers Grove Sanitary District, 2710 Curtiss Street, Downers Grove, IL 60515.

BASIC FINANCIAL STATEMENTS

The basic financial Statements include integrated sets of financial statements as required by the GASB. The sets of statements include:

- Government-Wide Financial Statements
- Fund Financial Statements

Governmental Funds

In addition, the notes to the financial statements are included to provide information that is essential to a user's understanding of the basic financial statements.

DOWNERS GROVE SANITARY DISTRICT

Statement of Net Position

April 30, 2022

See Following Page

DOWNERS GROVE SANITARY DISTRICT

Statement of Net Position

April 30, 2022

| ASSETS | |
|---|---------------------|
| Current Assets | |
| Cash and Investments | \$ 8,671,639 |
| Receivables - Net of Allowances | 3,314,544 |
| Total Current Assets | <u>11,986,183</u> |
| Noncurrent Assets | |
| Capital Assets | |
| Nondepreciable | 3,302,578 |
| Depreciable | 124,260,933 |
| Accumulated Depreciation | <u>(55,928,687)</u> |
| Total Capital Assets | 71,634,824 |
| Other Assets | |
| Net Pension Asset - IMRF | <u>2,394,334</u> |
| Total Noncurrent Assets | <u>74,029,158</u> |
| Total Assets | 86,015,341 |
| DEFERRED OUTFLOWS OF RESOURCES | |
| Deferred Items - IMRF | <u>524,179</u> |
| Total Assets and Deferred Outflows of Resources | <u>86,539,520</u> |

The notes to the financial statements are an integral part of this statement.

LIABILITIES

| | |
|-----------------------------------|------------------|
| Current Liabilities | |
| Accounts Payable | \$ 333,729 |
| Retainage Payable | 21,537 |
| Accrued Payroll | 142,929 |
| Current Portion of Long-Term Debt | 305,128 |
| Total Current Liabilities | <u>803,323</u> |
| Noncurrent Liabilities | |
| Compensated Absences | 6,152 |
| Total OPEB Liability - RBP | 734,099 |
| IEPA Loans Payable | 2,276,921 |
| Total Noncurrent Liabilities | <u>3,017,172</u> |
| Total Liabilities | <u>3,820,495</u> |

DEFERRED INFLOWS OF RESOURCES

| | |
|---|------------------|
| Property Taxes | 680,488 |
| Deferred Items - IMRF | 2,579,594 |
| Total Deferred Inflows of Resources | <u>3,260,082</u> |
| Total Liabilities and Deferred Inflows of Resources | <u>7,080,577</u> |

NET POSITION

| | |
|----------------------------------|-------------------|
| Net Investment in Capital Assets | 69,054,313 |
| Restricted | |
| Public Benefit | 37,818 |
| Capital Projects | 1,774,435 |
| Unrestricted | <u>8,592,377</u> |
| Total Net Position | <u>79,458,943</u> |

The notes to the financial statements are an integral part of this statement.

DOWNERS GROVE SANITARY DISTRICT

Statement of Activities

For the Fiscal Year Ended April 30, 2022

| | Expenses | Program Revenues Charges for Services | Operating Grants | Net (Expenses) Revenues and Change in Net Position |
|----------------------------------|--------------|--|---------------------|--|
| Functions/Programs | | | | |
| Governmental Activities | | | | |
| General Government | \$ 7,637,516 | 9,136,787 | 160,259 | 1,659,530 |
| General Revenues | | | | |
| Taxes | | | | |
| Property Taxes | | | | 1,329,850 |
| Intergovernmental - Unrestricted | | | | |
| Replacement Taxes | | | | 214,976 |
| Investment Income | | | | 10,601 |
| Miscellaneous | | | | 17,554 |
| | | | | 1,572,981 |
| Change in Net Position | | | | 3,232,511 |
| Net Position - Beginning | | | | 76,226,432 |
| Net Position - Ending | | | | 79,458,943 |

The notes to the financial statements are an integral part of this statement.

DOWNERS GROVE SANITARY DISTRICT

Balance Sheet
April 30, 2022

See Following Page

DOWNERS GROVE SANITARY DISTRICT

Balance Sheet

April 30, 2022

| | <u>General</u> |
|---|--------------------------------|
| ASSETS | |
| Cash and Investments | \$ 5,733,953 |
| Receivables - Net of Allowances | |
| Property Taxes | 1,360,976 |
| Other | <u>1,953,568</u> |
| Total Assets | <u><u>9,048,497</u></u> |
| LIABILITIES | |
| Accounts Payable | 327,321 |
| Retainage Payable | 21,537 |
| Accrued Payroll | <u>142,929</u> |
| Total Liabilities | 491,787 |
| DEFERRED INFLOWS OF RESOURCES | |
| Property Taxes | <u>680,488</u> |
| Total Liabilities and Deferred Inflows of Resources | <u><u>1,172,275</u></u> |
| FUND BALANCES | |
| Restricted | - |
| Assigned | 1,697,258 |
| Unassigned | <u>6,178,964</u> |
| Total Fund Balances | <u><u>7,876,222</u></u> |
| Total Liabilities, Deferred Inflows of Resources and Fund Balances | <u><u><u>9,048,497</u></u></u> |

The notes to the financial statements are an integral part of this statement.

| Special Revenue | Capital Projects | | Totals |
|--------------------|------------------|--------------|------------|
| | Improvement | Construction | |
| Public Benefit | | | |
| 37,818 | 1,302,905 | 1,596,963 | 8,671,639 |
| - | - | - | 1,360,976 |
| - | - | - | 1,953,568 |
| 37,818 | 1,302,905 | 1,596,963 | 11,986,183 |
| - | 6,408 | - | 333,729 |
| - | - | - | 21,537 |
| - | - | - | 142,929 |
| - | 6,408 | - | 498,195 |
| - | - | - | 680,488 |
| - | 6,408 | - | 1,178,683 |
| 37,818 | 177,472 | 1,596,963 | 1,812,253 |
| - | 1,119,025 | - | 2,816,283 |
| - | - | - | 6,178,964 |
| 37,818 | 1,296,497 | 1,596,963 | 10,807,500 |
| 37,818 | 1,302,905 | 1,596,963 | 11,986,183 |

The notes to the financial statements are an integral part of this statement.

DOWNERS GROVE SANITARY DISTRICT

**Reconciliation of Total Fund Balances to the Statement of Net Position
April 30, 2022**

| | |
|---|--|
| Total Fund Balances | \$ 10,807,500 |
| Amounts reported in the Statement of Net Position are different because: | |
| Capital assets are not financial resources and therefore, are not reported in the funds. | 71,634,824 |
| A net pension asset is not considered to represent a financial resource and therefore is not reported in the funds. Net Pension Asset - IMRF | 2,394,334 |
| Deferred outflows (inflows) of resources related to the pensions not reported in the funds. Deferred Items - IMRF | (2,055,415) |
| Long-term liabilities are not due and payable in the current period and therefore are not reported in the funds. Compensated Absences Total OPEB Liability - RBP IEPA Loans Payable | (7,690) (734,099) <u>(2,580,511)</u> |
| Net Position | <u><u>79,458,943</u></u> |

The notes to the financial statements are an integral part of this statement.

DOWNERS GROVE SANITARY DISTRICT

**Statement of Revenues, Expenditures and Changes in Fund Balances
For the Fiscal Year Ended April 30, 2022**

See Following Page

DOWNERS GROVE SANITARY DISTRICT

**Statement of Revenues, Expenditures and Changes in Fund Balances
For the Fiscal Year Ended April 30, 2022**

| | <u>General</u> |
|--|-------------------------|
| Revenues | |
| Taxes | \$ 1,329,850 |
| Charges for Services | 8,646,045 |
| Intergovernmental | 375,235 |
| Investment Income | 8,440 |
| Miscellaneous | 17,554 |
| Total Revenues | <u>10,377,124</u> |
| Expenditures | |
| Current | |
| General Government | 8,345,481 |
| Capital Outlay | - |
| Debt Service | |
| Principal Retirement | 181,591 |
| Total Expenditures | <u>8,527,072</u> |
| Excess (Deficiency) of Revenues Over (Under) Expenditures | <u>1,850,052</u> |
| Other Financing Sources (Uses) | |
| Disposal of Capital Assets | 19,405 |
| Transfers In | - |
| Transfers Out | <u>(275,000)</u> |
| | <u>(255,595)</u> |
| Net Change in Fund Balance | 1,594,457 |
| Fund Balances - Beginning | <u>6,281,765</u> |
| Fund Balances - Ending | <u><u>7,876,222</u></u> |

The notes to the financial statements are an integral part of this statement.

| Special Revenue | Capital Projects | | Totals |
|--------------------|------------------|--------------|------------|
| | Improvement | Construction | |
| Public Benefit | | | |
| - | - | - | 1,329,850 |
| - | 130,885 | 359,857 | 9,136,787 |
| - | - | - | 375,235 |
| 13 | 1,279 | 869 | 10,601 |
| - | - | - | 17,554 |
| 13 | 132,164 | 360,726 | 10,870,027 |
| - | 137,601 | - | 8,483,082 |
| - | 119 | - | 119 |
| - | 93,191 | 28,807 | 303,589 |
| - | 230,911 | 28,807 | 8,786,790 |
| 13 | (98,747) | 331,919 | 2,083,237 |
| - | - | - | 19,405 |
| - | 275,000 | - | 275,000 |
| - | - | - | (275,000) |
| - | 275,000 | - | 19,405 |
| 13 | 176,253 | 331,919 | 2,102,642 |
| 37,805 | 1,120,244 | 1,265,044 | 8,704,858 |
| 37,818 | 1,296,497 | 1,596,963 | 10,807,500 |

The notes to the financial statements are an integral part of this statement.

DOWNERS GROVE SANITARY DISTRICT

Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund Balances to the Statement of Activities

For the Fiscal Year Ended April 30, 2022

| | |
|------------------------------------|--------------|
| Net Change in Fund Balances | \$ 2,102,642 |
|------------------------------------|--------------|

Amounts reported in the Statement of Activities
are different because:

Governmental funds report capital outlays as expenditures. However, in the
Statement of Activities the cost of those assets is allocated over their estimated
useful lives and reported as depreciation expense.

| | |
|--------------------------------------|-------------|
| Capital Outlays | 1,477,137 |
| Depreciation Expense | (2,062,795) |
| Disposals - Cost | (181,798) |
| Disposals - Accumulated Depreciation | 160,689 |

An addition to a net pension asset is not considered to be an increase in a
financial asset in the governmental funds.

| | |
|-----------------------------|-----------|
| Change in Net Pension Asset | 1,894,641 |
|-----------------------------|-----------|

The net effect of deferred outflows (inflows) of resources related to the pensions
not reported in the funds.

| | |
|---------------------------------|-----------|
| Change in Deferred Items - IMRF | (957,671) |
|---------------------------------|-----------|

The issuance of long-term debt provides current financial resources to
governmental funds, while the repayment of the principal on long-term
debt consumes the current financial resources of the governmental funds.

| | |
|--------------------------------------|---------|
| Change in Compensated Absences | 267,769 |
| Change in Total OPEB Liability - RBP | 228,308 |
| Retirement of Debt | 303,589 |

| | |
|--------------------------------|-------------------------|
| Changes in Net Position | <u><u>3,232,511</u></u> |
|--------------------------------|-------------------------|

The notes to the financial statements are in integral part of this statement.

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Downers Grove Sanitary District (the District) was incorporated to provide and maintain economical treatment of the domestic and industrial wastes collected at its sewage treatment plant so that the wastes are given the degree of treatment necessary to prevent pollution of the water of the State of Illinois.

The government-wide financial statements are prepared in accordance with generally accepted accounting principles in the United States (GAAP). The Governmental Accounting Standards Board (GASB) is responsible for establishing GAAP in the United States for state and local governments through its pronouncements (Statements and Interpretations). The more significant of the District's accounting policies established in GAAP in the United States and used by the District are described below.

REPORTING ENTITY

The District includes all funds of its operations that are controlled by or dependent upon the District as determined on a basis of financial accountability. Financial accountability includes appointment of the organization's governing body, imposition of will, and fiscal dependency. This report represents the financial activity of the District for the year.

BASIS OF PRESENTATION

Government-Wide and Fund Financial Statements

The government-wide Statement of Activities reports both the gross and net cost of the District's functions. The District's activities are supported by taxes and charges for services revenues. The Statement of Activities reduces gross expenses (including depreciation) by related program revenues, which include 1) charges to customers or applicants who purchase, use or directly benefit from goods, services or privileges provided by a given function or segment and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment.

The financial transactions of the District are reported in individual funds in the fund financial statements. Each fund is accounted for by providing a separate set of self-balancing accounts that comprise its assets, liabilities, reserves, fund equity, revenues and expenditures. The District accounts for all of its activities in governmental funds, with the emphasis in the fund financial statements being on the major funds.

Nonmajor funds by category are summarized into a single column. GASB Statement No. 34 sets forth minimum criteria (percentage of the assets, liabilities, revenues or expenditures of either fund category) for the determination of major funds.

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

BASIS OF PRESENTATION – Continued

Government–Wide and Fund Financial Statements – Continued

Governmental Funds

The following fund types are used by the District:

The focus of the governmental funds’ measurement (in the fund statements) is upon determination of financial position and changes in financial position (sources, uses, and balances of financial resources) rather than upon net income. The following is a description of the governmental funds of the District:

General Fund is the general operating fund of the District. It is used to account for all financial resources, except for those required to be accounted for in another fund. The General Fund is a major fund.

Special revenues funds are used to account for the proceeds of specific revenue sources that are legally restricted to expenditures for specified purposes. The District maintains one major special revenue fund. The Public Benefit Fund is used to account for the payment of sewer extensions or sewer special assessments which the District Board of Trustees deems to be of benefit to an area larger than the immediate service area.

Capital projects funds are used to account for financial resources to be used for the acquisition or construction of major capital facilities. The District reports two capital projects funds. The Improvement Fund, a major fund, is used to account for sewer system, pump station improvements, and repayment of loans to the Illinois Environmental Protection Agency. The Construction Fund, a major fund, is used to account for improvements and expansions to the Wastewater Treatment Center and repayment of loans to the Illinois Environmental Protection Agency.

MEASUREMENT FOCUS AND BASIS OF ACCOUNTING

Measurement Focus

Measurement focus is a term used to describe “which” transactions are recorded within the various financial statements. Basis of accounting refers to “when” transactions are recorded regardless of the measurement focus applied.

On the government-wide Statement of Net Position and the Statement of Activities, activities are presented using the economic resources measurement focus as defined below. In the fund financial statements, the “current financial resources” measurement focus or the “economic resources” measurement focus is used as appropriate.

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

MEASUREMENT FOCUS AND BASIS OF ACCOUNTING – Continued

Measurement Focus – Continued

The District’s funds utilize a “current financial resources” measurement focus. Only current financial assets and liabilities are generally included on their balance sheets. Their operating statements present sources and uses of available spendable financial resources during a given period. These funds use fund balance as their measure of available spendable financial resources at the end of the period.

The accounting objectives of the “economic resources” measurement focus is the determination of operating income, changes in net position (or cost recovery), financial position, and cash flows. All assets/deferred outflows, liabilities/deferred inflows (whether current or noncurrent) associated with their activities are reported.

Basis of Accounting

In the government-wide Statement of Net Position and Statement of Activities, activities are presented using the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned and expenses are recorded when the liability/deferred inflow is incurred or economic asset used. Revenues, expenses, gains, losses, assets/deferred outflows, and liabilities/deferred inflows resulting from exchange and exchange-like transactions are recognized when the exchange takes place.

In the fund financial statements, funds are presented on the modified accrual basis of accounting. Under this modified accrual basis of accounting, revenues are recognized when “measurable and available.” Measurable means knowing or being able to reasonably estimate the amount. Available means collectible within the current period or within sixty days after year-end. The District recognizes property taxes when they become both measurable and available in accordance with GASB Codification Section P70. A sixty-day availability period is used for revenue recognition for all other fund revenues. Expenditures (including capital outlay) are recorded when the related fund liability/deferred inflow is incurred, except for general obligation bond principal and interest which are recognized when due.

In applying the susceptible to accrual concept under the modified accrual basis, those revenues susceptible to accrual are property taxes, interest revenue, and charges for services. All other revenues are not susceptible to accrual because generally they are not measurable until received in cash.

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY

Cash and Investments

For the purpose of the Statement of Net Position, the District’s cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with original maturities of three months or less from the date of purchase.

Investments are generally reported at fair value. Short-term investments are reported at cost, which approximates fair value. For investments, the District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. All of the District’s investments are in 2a7-like investment pools that are measured at the net asset value per share determined by the pool.

Receivables

In the government-wide financial statements, receivables consist of all revenues earned at year-end and not yet received. Allowances for uncollectible accounts receivable are based upon historical trends and the periodic aging of accounts receivable. Major receivables balances include property taxes.

Capital Assets

Capital assets purchased, or acquired with an original cost of \$5,000, or more, are reported at historical cost or estimated historical cost. Contributed assets are reported at acquisition value as of the date received. Upgrades or rehabilitation that significantly extend the useful life of an asset are capitalized. Other costs incurred for repairs and maintenance are expensed as incurred.

The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. General capital assets are long-lived assets of the District as a whole. When purchased, such assets are recorded as expenditures in the governmental fund and capitalized. The valuation basis for general capital assets are historical cost, or where historical cost is not available, estimated historical cost based on replacement costs.

Depreciation on all assets is computed and recorded using the straight-line method of depreciation over the following estimated useful lives:

| | |
|-------------------------------|----------------|
| Buildings and Equipment | 5 - 75 Years |
| Sanitary Sewer Infrastructure | 20 - 100 Years |

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY – Continued

Compensated Absences

The District accrues accumulated unpaid vacation and associated employee-related costs when earned (or estimated to be earned) by the employee. In accordance with GASB Statement No. 16, no liability is recorded for nonvesting accumulation rights to receive sick pay benefits. However, a liability is recognized for that portion of accumulated sick leave that is estimated to be taken as “terminal leave” prior to retirement.

All vacation pay is accrued when incurred in the government-wide and proprietary fund financial statements. A liability for these amounts is reported in the governmental funds only if they have matured, for example, as a result of employee resignations and retirements.

Deferred Outflows/Inflows of Resources

Deferred outflow/inflow of resources represents an acquisition/reduction of net position that applies to a future period and therefore will not be recognized as an outflow of resources (expense)/inflow of resources (revenue) until that future time.

Net Position

In the government-wide financial statements, equity is classified as net position and displayed in three components:

Net Investment in Capital Assets – Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction, or improvement of those assets, as applicable.

Restricted – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.

Unrestricted – All other net position that do not meet the definition of “restricted” or “net investment in capital assets.”

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 2 – STEWARDSHIP, COMPLIANCE, AND ACCOUNTABILITY

BUDGETARY INFORMATION

The budget, levy and appropriation is prepared on the same basis and uses the same accounting practices as are used in the fund financial statements. Unexpended budget amounts lapse at the end of the budget year. Spending controls for the fund is established by the amount of expenditures budgeted for the fund, but management control is exercised at budgetary line level items. Expenditures may not exceed appropriations. During the fiscal year there were no supplemental appropriations.

NOTE 3 – DETAIL NOTES ON ALL FUNDS

DEPOSITS AND INVESTMENTS

The District maintains a cash and investment pool that is available for use by all funds. Each fund type's portion of this pool is displayed on the financial statements as "cash and investments."

Permitted Deposits and Investments – Statutes authorize the District to make deposits/invest in commercial banks, savings and loan institutions, obligations of the U.S. Treasury and U.S. Agencies, obligations of States and their political subdivisions, credit union shares, repurchase agreements, commercial paper rated within the three highest classifications by at least two standard rating services, and Illinois Funds.

The Illinois Funds is an investment pool managed by the Illinois Public Treasurer's Office which allows governments within the State to pool their funds for investment purposes. The Illinois Funds is not registered with the SEC as an investment company. Investments in Illinois Funds are valued at the share price, the price for which the investment could be sold.

Interest Rate Risk, Credit Risk, Custodial Credit Risk and Concentration of Credit Risk

Deposits. At year-end, the carrying amount of the District's deposits totaled \$5,854,118 and the bank balances totaled \$5,610,273. In addition, the District had \$2,817,521 invested in the Illinois Funds, which has an average maturity of less than one year.

Interest Rate Risk. Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The District's investment policy does not address interest rate risk.

Credit Risk. Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The District's investment policy does not address credit risk. The District's investment in the Illinois Funds was rated AAAM by Standard & Poor's.

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

DEPOSITS AND INVESTMENTS – Continued

Interest Rate Risk, Credit Risk, Custodial Credit Risk and Concentration of Credit Risk – Continued

Custodial Credit Risk. In the case of deposits, this is the risk that in the event of a bank failure, the District's deposits may not be returned to it. The District's investment policy does not address custodial credit risk for deposits. At year-end, the entire amount of the bank balance of deposits was covered by collateral, federal depository or equivalent insurance.

For an investment, this is the risk that in the event of the failure of the counterparty, the District will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The District's investment policy does not specifically address custodial credit risk for investments. The District's investment in the Illinois Fund is not subject to custodial credit risk.

Concentration of Credit Risk. This is the risk of loss attributed to the magnitude of the District's investment in a single issuer. The District's investment policy does not address concentration of credit risk. At year-end, the District does not have any investments over 5 percent of the total cash and investment portfolio (other than investments issued or explicitly guaranteed by the U.S. government and investments in mutual funds, external investment pools, and other pooled investments).

PROPERTY TAXES

Property taxes for 2021 attach as an enforceable lien in 2020, on property values assessed as of the same date. Taxes are levied by December of the subsequent fiscal year (by passage of a Tax Levy Ordinance). Tax bills are prepared by DuPage County and are payable in two installments, on or about June 1, and September 1. The County collects such taxes and remits them periodically.

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

CAPITAL ASSETS

Capital asset activity for the year was as follows:

| | Beginning Balances | Increases | Decreases | Ending Balances |
|--------------------------------------|-----------------------|--------------------|----------------|--------------------|
| Nondepreciable Capital Assets | | | | |
| Land | \$ 2,496,725 | - | - | 2,496,725 |
| Construction in Progress | - | 805,853 | - | 805,853 |
| | <u>2,496,725</u> | <u>805,853</u> | <u>-</u> | <u>3,302,578</u> |
| Depreciable Capital Assets | | | | |
| Buildings and Equipment | 58,432,990 | 644,119 | 181,314 | 58,895,795 |
| Sanitary Sewer Infrastructure | 65,338,457 | 27,165 | 484 | 65,365,138 |
| | <u>123,771,447</u> | <u>671,284</u> | <u>181,798</u> | <u>124,260,933</u> |
| Less Accumulated Depreciation | | | | |
| Buildings and Equipment | 31,698,600 | 1,238,506 | 160,556 | 32,776,550 |
| Sanitary Sewer Infrastructure | 22,327,981 | 824,289 | 133 | 23,152,137 |
| | <u>54,026,581</u> | <u>2,062,795</u> | <u>160,689</u> | <u>55,928,687</u> |
| Total Net Depreciable Capital Assets | <u>69,744,866</u> | <u>(1,391,511)</u> | <u>21,109</u> | <u>68,332,246</u> |
| Total Net Capital Assets | <u>72,241,591</u> | <u>(585,658)</u> | <u>21,109</u> | <u>71,634,824</u> |

Depreciation expense of \$2,062,795 was charged to the general government function.

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

LONG-TERM DEBT

IEPA Loans Payable

The District has entered into loan agreements with the IEPA to provide no interest financing for waterworks and sewerage improvements. IEPA loans currently outstanding are as follows:

| Issue | Beginning Balances | Issuances | Retirements | Ending Balances |
|--|-----------------------|-----------|-------------|--------------------|
| Illinois Environmental Protection Agency (IEPA) Loan of 2010, due in annual installments of \$303,590, non-interest bearing, through November 2, 2030. | \$ 2,884,100 | - | 303,589 | 2,580,511 |

Long-Term Liability Activity

Changes in long-term liabilities during the fiscal year were as follows:

| Type of Debt | Beginning Balances | Additions | Deductions | Ending Balances | Amounts Due within One Year |
|----------------------------|-----------------------|----------------|------------------|--------------------|-----------------------------------|
| Governmental Activities | | | | | |
| Compensated Absences | \$ 275,459 | 267,769 | 535,538 | 7,690 | 1,538 |
| Total OPEB Liability - RBP | 962,407 | - | 228,308 | 734,099 | - |
| IEPA Loans Payable | 2,884,100 | - | 303,589 | 2,580,511 | 303,590 |
| | <u>4,121,966</u> | <u>267,769</u> | <u>1,067,435</u> | <u>3,322,300</u> | <u>305,128</u> |

The General Fund makes payments on the compensated absences and the total OPEB liability. Payments on the IEPA loans payable are made by the General, Improvement and Construction Funds.

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

LONG-TERM DEBT – Continued

Debt Service Requirements to Maturity

The annual debt service requirements to maturity, including principal and interest, are as follows:

| Fiscal Year | Governmental Activities | |
|----------------|-------------------------|----------|
| | IEPA Loans | |
| | Payable | |
| | Principal | Interest |
| 2023 | \$ 303,590 | - |
| 2024 | 303,590 | - |
| 2025 | 303,590 | - |
| 2026 | 303,590 | - |
| 2027 | 303,590 | - |
| 2028 | 303,590 | - |
| 2029 | 303,590 | - |
| 2030 | 303,590 | - |
| 2031 | 151,791 | - |
| Totals | <u>2,580,511</u> | <u>-</u> |

NET POSITION/FUND BALANCE

Net Position Classifications

Net investment in capital assets was comprised of the following as of April 30, 2022:

| | |
|--|--------------------|
| Governmental Activities | |
| Capital Assets - Net of Accumulated Depreciation | \$ 71,634,824 |
| Less Capital Related Debt: | |
| IEPA Loan of 2010 | <u>(2,580,511)</u> |
| Net Investment in Capital Assets | <u>69,054,313</u> |

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

NET POSITION/FUND BALANCE – Continued

Fund Balance Classification

In the governmental funds financial statements, the District considers restricted amounts to have been spent when an expenditure is incurred for purposes for which both restricted and unrestricted fund balance is available. The District first utilizes committed, then assigned and then unassigned fund balance when an expenditure is incurred for purposes for which all three unrestricted fund balances are available.

Nonspendable Fund Balance. Consists of resources that cannot be spent because they are either: a) not in a spendable form; or b) legally or contractually required to be maintained intact.

Restricted Fund Balance. Consists of resources that are restricted to specific purposes, that is, when constraints placed on the use of resources are either: a) externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments; or b) imposed by law through constitutional provisions or enabling legislation.

Committed Fund Balance. Consists of resources constrained (issuance of an ordinance) to specific purposes by the government itself, using its highest level of decision-making authority, the Board of Trustees; to be reported as committed, amounts cannot be used for any other purpose unless the government takes the same highest-level action to remove or change the constraint.

Assigned Fund Balance. Consists of amounts that are constrained by the Board of Trustees' intent to be used for specific purposes but are neither restricted nor committed. Intent is expressed by a) the Board of Trustees itself or b) a body or official to which the Board of Trustees has delegated the authority to assign amounts to be used for specific purposes. The District's highest level of decision-making authority is the Board of Trustees, who is authorized to assign amounts to a specific purpose.

Unassigned Fund Balance. Consists of residual net resources of a fund that has not been restricted, committed, or assigned within the General Fund and deficit fund balances of other governmental funds.

Minimum Fund Balance Policy. The District's policy manual states that the General Fund should maintain a minimum fund balance equal to 25% of annual operating expenditures.

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

NET POSITION/FUND BALANCE – Continued

Fund Balance Classification – Continued

The following is a schedule of fund balance classifications for the governmental funds as of the date of this report:

| | General | Special Revenue Public Benefit | Capital Projects | | Totals |
|-----------------------|-----------|---|------------------|--------------|------------|
| | | | Improvement | Construction | |
| Fund Balances | | | | | |
| Restricted | | | | | |
| Public Benefits | \$ - | 37,818 | - | - | 37,818 |
| Capital Projects | - | - | 177,472 | 1,596,963 | 1,774,435 |
| | - | 37,818 | 177,472 | 1,596,963 | 1,812,253 |
| Assigned | | | | | |
| Construction Projects | 1,697,258 | - | 1,119,025 | - | 2,816,283 |
| Unassigned | 6,178,964 | - | - | - | 6,178,964 |
| Total Fund Balances | 7,876,222 | 37,818 | 1,296,497 | 1,596,963 | 10,807,500 |

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION

RISK MANAGEMENT

The District is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The District carries commercial insurance for all risks of loss including worker’s compensation and employee health insurance. Settled claims resulting from these risks have not exceeded commercial insurance coverage in the past three fiscal years.

CONTINGENT LIABILITIES

Litigation

The District is not a defendant in any lawsuits.

Grants

Amounts received or receivable from grantor agencies are subject to audit and adjustment by grantor agencies, principally the federal government. Any disallowed claims, including amounts already collected, may constitute a liability of the applicable funds. The amount, if any, of expenditures which may be disallowed by the grantor cannot be determined at this time although the District expects such amounts, if any, to be immaterial.

Financial Impact of COVID-19

In March 2020, the World Health Organization declared the COVID-19 virus a public health emergency. As of the date of this report, the extent of the impact of COVID-19 on the District’s operations and financial position cannot be determined.

NONDOMESTIC WASTE

The District received 3.499 billion gallons of waste water from 20,255 users (of which 645 are nonmetered). The District billed users for 1.850 billion gallons. Of the 20,255 users of the system, the following discharge nondomestic waste:

| User | Volume (Gallons Per Day) |
|-------------------------|-----------------------------|
| Good Samaritan Hospital | 167,300 |
| Mar Cor Services | 12,707 |
| Bales Mold Service | 1,386 |
| Rexnord, Inc. | 7,701 |

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN

Illinois Municipal Retirement Fund (IMRF)

The District contributes to the Illinois Municipal Retirement Fund (IMRF), a defined benefit agent multiple-employer public employee retirement system. IMRF issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole, but not by individual employer. That report may be obtained online at www.imrf.org. The benefits, benefit levels, employee contributions, and employer contributions are governed by Illinois Compiled Statutes (ILCS) and can only be amended by the Illinois General Assembly.

Plan Descriptions

Plan Administration. All employees hired in positions that meet or exceed the prescribed annual hourly standard must be enrolled in IMRF as participating members. The plan is accounted for on the economic resources measurement focus and the accrual basis of accounting. Employer and employee contributions are recognized when earned in the year that the contributions are required, benefits and refunds are recognized as an expense and liability when due and payable.

Benefits Provided. IMRF has three benefit plans. The vast majority of IMRF members participate in the Regular Plan (RP). The Sheriff's Law Enforcement Personnel (SLEP) plan is for sheriffs, deputy sheriffs, and selected police chiefs. Counties could adopt the Elected County Official (ECO) plan for officials elected prior to August 8, 2011 (the ECO plan was closed to new participants after that date).

IMRF provides two tiers of pension benefits. Employees hired *before* January 1, 2011, are eligible for Tier 1 benefits. Tier 1 employees are vested for pension benefits when they have at least eight years of qualifying service credit. Tier 1 employees who retire at age 55 (at reduced benefits) or after age 60 (at full benefits) with eight years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings during any consecutive 48 months within the last 10 years of service, divided by 48. Under Tier 1, the pension is increased by 3% of the original amount on January 1 every year after retirement.

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Plan Descriptions – Continued

Benefits Provided - Continued. Employees hired **on or after** January 1, 2011, are eligible for Tier 2 benefits. For Tier 2 employees, pension benefits vest after ten years of service. Participating employees who retire at age 62 (at reduced benefits) or after age 67 (at full benefits) with ten years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings up to a statutorily set maximum during any 96 consecutive months within the last 10 years of service, divided by 96. Under Tier 2, the pension is increased on January 1 every year after retirement, upon reaching age 67, by the *lesser* of:

- 3% of the original pension amount, or
- 1/2 of the increase in the Consumer Price Index of the original pension amount.

Plan Membership. As of December 31, 2021, the measurement date, the following employees were covered by the benefit terms:

| | |
|--|------------------|
| Inactive Plan Members Currently Receiving Benefits | 30 |
| Inactive Plan Members Entitled to but not yet Receiving Benefits | 20 |
| Active Plan Members | |
| Tier 1 | 20 |
| Tier 2 | <u>16</u> |
| Total | <u><u>86</u></u> |

Contributions. As set by statute, the District’s Regular Plan Members are required to contribute 4.50% of their annual covered salary. The statute requires employers to contribute the amount necessary, in addition to member contributions, to finance the retirement coverage of its own employees. For the year-ended April 30, 2022, the District’s contribution was 9.79% of covered payroll.

Net Pension (Asset). The District’s net pension (asset) was measured as of December 31, 2021. The total pension liability used to calculate the net pension (asset) was determined by an actuarial valuation as of that date.

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Plan Descriptions – Continued

Actuarial Assumptions. The total pension liability was determined by an actuarial valuation performed, as of December 31, 2021, using the following actuarial methods and assumptions:

| | |
|----------------------------|---------------------|
| Actuarial Cost Method | Entry Age Normal |
| Asset Valuation Method | Fair Value |
| Actuarial Assumptions | |
| Interest Rate | 7.25% |
| Salary Increases | 2.85% to 13.75% |
| Cost of Living Adjustments | 2.25% |
| Inflation | 2.25% |

For nondisabled retirees, the Pub-2010, Amount-Weighted, below-median income, General, Retiree, Male (adjusted 106%) and Female (adjusted 105%) tables, and future mortality improvements projected using scale MP-2020. For disabled retirees, the Pub-2010, Amount-Weighted, below-median income, General, Disabled Retiree, Male and Female (both unadjusted) tables, and future mortality improvements projected using scale MP-2020. For active members, the Pub-2010, Amount-Weighted, below-median income, General, Employee, Male and Female (both unadjusted) tables, and future mortality improvements projected using scale MP-2020.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense, and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return to the target asset allocation percentage and adding expected inflation. The target allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

DOWNERS GROVE SANITARY DISTRICT

Notes to the Financial Statements April 30, 2022

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Plan Descriptions – Continued

Actuarial Assumptions – Continued.

| <u>Asset Class</u> | <u>Target</u> | <u>Long-Term Expected Real Rate of Return</u> |
|---------------------------|---------------|---|
| Fixed Income | 25.00% | 2.00% |
| Domestic Equities | 39.00% | 4.50% |
| International Equities | 15.00% | 5.75% |
| Real Estate | 10.00% | 5.90% |
| Blended | 10.00% | 4.30% - 8.10% |
| Cash and Cash Equivalents | 1.00% | 1.70% |

Discount Rate

The discount rate used to measure the total pension liability was 7.25%, the same as in the prior valuation. The projection of cash flows used to determine the discount rate assumed that member contributions will be made at the current contribution rate and that District contributions will be made at rates equal to the difference between the actuarially determined contribution rates and the member rate. Based on those assumptions, the Fund's fiduciary net position was projected to be available to make all project future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all period of projected benefit payments to determine the total pension liability.

Discount Rate Sensitivity

The following is a sensitivity analysis of the net pension liability/(asset) to changes in the discount rate. The table below presents the net pension liability/(asset) of the District calculated using the discount rate as well as what the District's net pension liability/(asset) would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Discount Rate Sensitivity – Continued

| | 1% Decrease (6.25%) | Current Discount Rate (7.25%) | 1% Increase (8.25%) |
|----------------------------------|------------------------|-------------------------------------|------------------------|
| Net Pension Liability/(Asset) \$ | (193,019) | (2,394,334) | (4,135,668) |

Changes in the Net Pension Liability/(Asset)

| | Total Pension Liability (A) | Plan Fiduciary Net Position (B) | Net Pension Liability/ (Asset) (A) - (B) |
|---|--------------------------------------|---------------------------------------|---|
| Balances at December 31, 2020 | \$ 18,410,482 | 18,910,175 | (499,693) |
| Changes for the Year: | | | |
| Service Cost | 259,796 | - | 259,796 |
| Interest on the Total Pension Liability | 1,311,792 | - | 1,311,792 |
| Difference Between Expected and Actual Experience of the Total Pension Liability | 177,114 | - | 177,114 |
| Changes of Assumptions | - | - | - |
| Contributions - Employer | - | 299,722 | (299,722) |
| Contributions - Employees | - | 135,961 | (135,961) |
| Net Investment Income | - | 3,205,318 | (3,205,318) |
| Benefit Payments, including Refunds of Employee Contributions | (893,404) | (893,404) | - |
| Other (Net Transfer) | - | 2,342 | (2,342) |
| Net Changes | 855,298 | 2,749,939 | (1,894,641) |
| Balances at December 31, 2021 | 19,265,780 | 21,660,114 | (2,394,334) |

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION – Continued

EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

Illinois Municipal Retirement Fund (IMRF) – Continued

Pension Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to Pensions

For the year ended April 30, 2022, the District recognized pension revenue of \$650,231. At April 30, 2022, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

| | Deferred Outflows of Resources | Deferred Inflows of Resources | Totals |
|---|--------------------------------------|-------------------------------------|--------------------|
| Difference Between Expected and Actual Experience | \$ 334,591 | (27,156) | 307,435 |
| Change in Assumptions | 105,040 | (115,031) | (9,991) |
| Net Difference Between Projected and Actual Earnings on Pension Plan Investments | - | (2,437,407) | (2,437,407) |
| Total Pension Expense to be Recognized in Future Periods | 439,631 | (2,579,594) | (2,139,963) |
| Pension Contributions Made Subsequent to the Measurement Date | 84,548 | - | 84,548 |
| Total Deferred Amounts Related to IMRF | <u>524,179</u> | <u>(2,579,594)</u> | <u>(2,055,415)</u> |

\$84,548 reported as deferred outflows of resources related to pensions resulting from employer contributions subsequent to the measurement date and will be recognized as a reduction of the net pension liability in the reporting year ended April 30, 2023. Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in future periods as follows:

| Fiscal Year | Net Deferred (Inflows) of Resources |
|----------------|---|
| 2023 | \$ (415,878) |
| 2024 | (824,654) |
| 2025 | (551,479) |
| 2026 | (347,952) |
| 2027 | - |
| Thereafter | <u>-</u> |
| Total | <u>(2,139,963)</u> |

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION – Continued

OTHER POST-EMPLOYMENT BENEFITS

General Information about the OPEB Plan

Plan Description. The District’s defined benefit OPEB plan, Retiree Benefits Plan (RBP), provides OPEB for all permanent full-time general and public safety employees of the District. RBP is a single-employer defined benefit OPEB plan administered by the District. Article 11 of the State Compiled Statutes grants the authority to establish and amend the benefit terms and financing requirements to the District Board. No assets are accumulated in a trust that meets the criteria in paragraph 4 of Statement 75.

Benefits Provided. RBP provides healthcare, dental, and vision benefits for retirees and their dependents. Retirees and their dependents pay the full cost of the coverage. Coverage ends when the retiree stops paying for the coverage.

Plan Membership. As of April 30, 2022, the measurement date, the following employees were covered by the benefit terms:

| | |
|--|------------------|
| Inactive Plan Members Currently Receiving Benefits | 3 |
| Inactive Plan Members Entitled to but not yet Receiving Benefits | - |
| Active Plan Members | <u>34</u> |
| Total | <u><u>37</u></u> |

Total OPEB Liability

The District’s total OPEB liability was measured as of April 30, 2022, and was determined by an actuarial valuation as of that date.

Actuarial Assumptions and Other Inputs. The total OPEB liability in the April 30, 2022 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION – Continued

OTHER POST-EMPLOYMENT BENEFITS – Continued

Total OPEB Liability – Continued

Actuarial assumptions and other inputs – Continued.

| | |
|--|--|
| Inflation | 2.50% |
| Salary Increases | 2.50% |
| Discount Rate | 3.21% |
| Healthcare Cost Trend Rates | The initial trend rate is based on known information with the second rate following the 2021 Segal Health Plan Cost Trend Survey. The grading period and ultimate trend rates selected fall within a generally accepted range. |
| Retirees' Share of Benefit-Related Costs | 100% of Projected Health Insurance Premiums for Retirees |

The discount rate was based on a combination of the Expected Long-Term Rate of Return on Plan Assets and the municipal bond rate.

Mortality rates were based on The Bond Buyer 20-Bond GO Index as developed in the RP-2014 Study, with Blue Collar Adjustment. These rates are improved generationally using MP-2016 Improvement Rates.

Change in the Total OPEB Liability

| | <u>Total OPEB Liability</u> |
|--|-------------------------------------|
| Balance at April 30, 2021 | <u>\$ 962,407</u> |
| Changes for the Year: | |
| Service Cost | 11,580 |
| Interest on the Total OPEB Liability | 21,109 |
| Changes of Assumptions or Other Inputs | (196,000) |
| Benefit Payments | <u>(64,997)</u> |
| Net Changes | <u>(228,308)</u> |
| Balance at April 30, 2022 | <u><u>734,099</u></u> |

DOWNERS GROVE SANITARY DISTRICT

**Notes to the Financial Statements
April 30, 2022**

NOTE 4 – OTHER INFORMATION – Continued

OTHER POST-EMPLOYMENT BENEFITS – Continued

Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The discount rate used to measure the total pension liability was 3.21%, while the prior valuation used 2.27%. The following presents the total OPEB liability, calculated using the discount rate, as well as what the total OPEB liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher:

| | 1% Decrease (2.21%) | Current Discount Rate (3.21%) | 1% Increase (4.21%) |
|----------------------|------------------------|-------------------------------------|------------------------|
| Total OPEB Liability | \$ 816,137 | 734,099 | 666,677 |

Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the total OPEB liability, calculated using a variable Healthcare Trend Rate, as well as what the total OPEB liability would be if it were calculated using a Healthcare Trend Rate that is one percentage point lower or one percentage point higher:

| | 1% Decrease (Varies) | Healthcare Cost Trend Rates (Varies) | 1% Increase (Varies) |
|----------------------|-------------------------|---|-------------------------|
| Total OPEB Liability | \$ 657,463 | 734,099 | 826,275 |

OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

Per GASB Statement No. 75, under the Alternative Measurement Method, changes in Total OPEB Liability are immediately recognized as expense, resulting in no deferred outflows of resources or deferred inflows of resources related to OPEB. At April 30, 2023, the District reported no deferred outflows of resources and deferred inflows of resources related to OPEB.

For the year ended April 30, 2022, the District recognized OPEB revenue of \$163,311.

REQUIRED SUPPLEMENTARY INFORMATION

Required supplementary information includes financial information and disclosures that are required by the GASB but are not considered a part of the basic financial statements. Such information includes:

- Schedule of Employer Contributions
Illinois Municipal Retirement Fund
- Schedule of Changes in the Employer's Net Pension Liability/(Asset)
Illinois Municipal Retirement Fund
- Schedule of Changes in the Employer's Total OPEB Liability
Retiree Benefit Plan
- Budgetary Comparison Schedule
General Fund
Public Benefit – Special Revenue Fund

Notes to the Required Supplementary Information

Budgetary Information – Budgets are adopted on a basis consistent with generally accepted accounting principles.

DOWNERS GROVE SANITARY DISTRICT

Illinois Municipal Retirement Fund

Required Supplementary Information

Schedule of Employer Contributions

April 30, 2022

| Fiscal Year | Actuarially Determined Contribution | Contributions in Relation to the Actuarially Determined Contribution | Contribution Excess/ (Deficiency) | Covered Payroll | Contributions as a Percentage of Covered Payroll |
|-------------|-------------------------------------|--|-----------------------------------|-----------------|--|
| 2016 | \$ 314,598 | \$ 314,598 | \$ - | \$ 2,475,195 | 12.71% |
| 2017 | 291,750 | 291,750 | - | 2,449,621 | 11.91% |
| 2018 | 315,598 | 315,598 | - | 2,647,939 | 11.92% |
| 2019 | 310,019 | 310,019 | - | 2,793,762 | 11.10% |
| 2020 | 285,261 | 285,261 | - | 2,973,772 | 9.59% |
| 2021 | 293,539 | 293,539 | - | 2,829,875 | 10.37% |
| 2022 | 286,739 | 286,739 | - | 2,928,485 | 9.79% |

Notes to the Required Supplementary Information:

| | |
|-------------------------------|--|
| Actuarial Cost Method | Entry Age Normal |
| Amortization Method | Level % Pay (Closed) |
| Remaining Amortization Period | 22 Years |
| Asset Valuation Method | 5-Year Smoothed Fair Value |
| Inflation | 2.50% |
| Salary Increases | 3.35% - 14.25% |
| Investment Rate of Return | 7.25% |
| Retirement Age | See the Notes to the Financial Statements |
| Mortality | An IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015). |

Note:

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

DOWNERS GROVE SANITARY DISTRICT

Illinois Municipal Retirement Fund

Required Supplementary Information

Schedule of Changes in the Employer's Net Pension Liability/(Asset)

April 30, 2022

| | <u>12/31/2015</u> |
|--|----------------------------|
| Total Pension Liability | |
| Service Cost | \$ 269,423 |
| Interest | 1,014,911 |
| Differences Between Expected and Actual Experience | (25,684) |
| Change of Assumptions | 35,991 |
| Benefit Payments, Including Refunds of Member Contributions | <u>(472,715)</u> |
| Net Change in Total Pension Liability | 821,926 |
| Total Pension Liability - Beginning | <u>13,633,789</u> |
| Total Pension Liability - Ending | <u><u>14,455,715</u></u> |
| Plan Fiduciary Net Position | |
| Contributions - Employer | \$ 314,598 |
| Contributions - Members | 111,384 |
| Net Investment Income | 63,049 |
| Benefit Payments, Including Refunds of Member Contributions | (472,715) |
| Other (Net Transfer) | <u>(173,299)</u> |
| Net Change in Plan Fiduciary Net Position | (156,983) |
| Plan Net Position - Beginning | <u>12,633,124</u> |
| Plan Net Position - Ending | <u><u>12,476,141</u></u> |
| Employer's Net Pension Liability/(Asset) | <u><u>\$ 1,979,574</u></u> |
| Plan Fiduciary Net Position as a Percentage of the Total Pension Liability | 86.31% |
| Covered Payroll | \$ 2,475,195 |
| Employer's Net Pension Liability/(Asset) as a Percentage of Covered Payroll | 79.98% |

Changes of Assumptions. Changes in assumptions related to the discount rate were made in 2015 through 2021. Changes in assumptions related to the demographics were made in 2015 and 2017.

Note:

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

| 12/31/2016 | 12/31/2017 | 12/31/2018 | 12/31/2019 | 12/31/2020 | 12/31/2021 |
|------------|------------|------------|------------|------------|-------------|
| 268,172 | 261,468 | 261,182 | 294,834 | 305,510 | 259,796 |
| 1,070,538 | 1,140,308 | 1,139,708 | 1,195,585 | 1,257,591 | 1,311,792 |
| 163,916 | (292,511) | 116,384 | 159,402 | 181,350 | 177,114 |
| (36,313) | (496,265) | 476,076 | - | (115,046) | - |
| (555,597) | (586,106) | (655,619) | (775,302) | (824,498) | (893,404) |
| 910,716 | 26,894 | 1,337,731 | 874,519 | 804,907 | 855,298 |
| 14,455,715 | 15,366,431 | 15,393,325 | 16,731,056 | 17,605,575 | 18,410,482 |
| 15,366,431 | 15,393,325 | 16,731,056 | 17,605,575 | 18,410,482 | 19,265,780 |
| 291,750 | 301,021 | 340,584 | 255,585 | 306,188 | 299,722 |
| 110,233 | 115,089 | 125,869 | 128,794 | 130,354 | 135,961 |
| 857,080 | 2,246,061 | (752,348) | 2,633,242 | 2,379,190 | 3,205,318 |
| (555,597) | (586,106) | (655,619) | (775,302) | (824,498) | (893,404) |
| 82,784 | (166,822) | 267,304 | 194,388 | (15,190) | 2,342 |
| 786,250 | 1,909,243 | (674,210) | 2,436,707 | 1,976,044 | 2,749,939 |
| 12,476,141 | 13,262,391 | 15,171,634 | 14,497,424 | 16,934,131 | 18,910,175 |
| 13,262,391 | 15,171,634 | 14,497,424 | 16,934,131 | 18,910,175 | 21,660,114 |
| 2,104,040 | 221,691 | 2,233,632 | 671,444 | (499,693) | (2,394,334) |
| 86.31% | 98.56% | 86.65% | 96.19% | 102.71% | 112.43% |
| 2,449,621 | 2,557,519 | 2,793,956 | 2,862,096 | 2,896,760 | 2,976,382 |
| 85.89% | 8.67% | 79.95% | 23.46% | (17.25%) | (80.44%) |

DOWNERS GROVE SANITARY DISTRICT

Retiree Benefit Plan

**Required Supplementary Information
Schedule of Changes in the Employer's Total OPEB Liability
April 30, 2022**

| | 4/30/2019 | 4/30/2020 | 4/30/2021 | 4/30/2022 |
|---|--------------|-----------|-----------|-----------|
| Total OPEB Liability | | | | |
| Service Cost | \$ 11,813 | 12,508 | 14,521 | 11,580 |
| Interest | 31,615 | 30,685 | 23,461 | 21,109 |
| Differences Between Expected and Actual Experience | 14,372 | - | - | - |
| Change of Assumptions or Other Inputs | - | 108,439 | 31,589 | (196,000) |
| Benefit Payments | (46,136) | (42,662) | (47,241) | (64,997) |
| Net Change in Total OPEB Liability | 11,664 | 108,970 | 22,330 | (228,308) |
| Total OPEB Liability - Beginning | 819,443 | 831,107 | 940,077 | 962,407 |
| Total OPEB Liability - Ending | 831,107 | 940,077 | 962,407 | 734,099 |
| Covered-Employee Payroll | \$ 2,804,694 | 2,903,364 | 2,975,948 | 2,877,989 |
| Total OPEB Liability as a Percentage of Covered-Employee Payroll | 29.63% | 32.38% | 32.34% | 25.51% |

Notes:

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

No assets are accumulated in a trust that meets the criteria in paragraph 4 of Statement 75.

Changes of Assumptions. Changes in assumptions related to the discount rate were made in 2019, 2020 and 2021.

DOWNERS GROVE SANITARY DISTRICT

General Fund

**Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual
For the Fiscal Year Ended April 30, 2022**

| | Budget | | Actual |
|--|--------------------|--------------------|-------------------------|
| | Original | Final | |
| Revenues | | | |
| Taxes | | | |
| Property Taxes | \$ 1,291,800 | 1,291,800 | 1,329,850 |
| Charges for Services | | | |
| User Billings | 3,690,300 | 3,690,300 | 3,943,107 |
| Inspection and Review Fees | 21,150 | 21,150 | 23,277 |
| Monthly Service Fees | 4,132,000 | 4,132,000 | 4,168,043 |
| Surcharges | 307,500 | 307,500 | 364,521 |
| Sampling and Monitoring | 75,000 | 75,000 | 111,473 |
| Property Lease Payments | 35,000 | 35,000 | 35,624 |
| Intergovernmental | | | |
| Replacement Taxes | 75,000 | 75,000 | 214,976 |
| Grants and Donations | 3,000 | 3,000 | 160,259 |
| Investment Income | 18,000 | 18,000 | 8,440 |
| Miscellaneous | 10,000 | 10,000 | 17,554 |
| Total Revenues | <u>9,658,750</u> | <u>9,658,750</u> | <u>10,377,124</u> |
| Expenditures | | | |
| Current | | | |
| General Government | 11,026,900 | 11,026,900 | 8,345,481 |
| Debt Service | | | |
| Principal Retirement | - | - | 181,591 |
| Total Expenditures | <u>11,026,900</u> | <u>11,026,900</u> | <u>8,527,072</u> |
| Excess (Deficiency) of Revenues Over (Under) Expenditures | <u>(1,368,150)</u> | <u>(1,368,150)</u> | <u>1,850,052</u> |
| Other Financing Sources | | | |
| Disposal of Capital Assets | - | - | 19,405 |
| Transfers Out | (275,000) | (275,000) | (275,000) |
| | <u>(275,000)</u> | <u>(275,000)</u> | <u>(255,595)</u> |
| Net Change in Fund Balance | <u>(1,643,150)</u> | <u>(1,643,150)</u> | 1,594,457 |
| Fund Balance - Beginning | | | <u>6,281,765</u> |
| Fund Balance - Ending | | | <u><u>7,876,222</u></u> |

DOWNERS GROVE SANITARY DISTRICT

Public Benefit - Special Revenue Fund

**Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual
For the Fiscal Year Ended April 30, 2022**

| | Budget | | Actual |
|----------------------------|------------|------------|---------------|
| | Original | Final | |
| Revenues | | | |
| Investment Income | \$ 350 | 350 | 13 |
| Expenditures | | | |
| Capital Outlay | - | - | - |
| Net Change in Fund Balance | <u>350</u> | <u>350</u> | 13 |
| Fund Balance - Beginning | | | <u>37,805</u> |
| Fund Balance - Ending | | | <u>37,818</u> |

OTHER SUPPLEMENTARY INFORMATION

Other supplementary information includes financial statements and schedules not required by the GASB, nor a part of the basic financial statements, but are presented for purposes of additional analysis.

Such schedules include:

- Budgetary Comparison Schedules – Major Governmental Funds

INDIVIDUAL FUND SCHEDULES

GENERAL FUND

The General Fund is used to account for all financial resources except those required to be accounted for in another fund.

SPECIAL REVENUE FUND

The Special Revenue Funds are used to account for the proceeds of specific revenue sources (other than fiduciary funds or capital projects funds) that are legally restricted to expenditure for specified purposes.

Public Benefit Fund

The Public Benefit Fund is used to account for the payment of sewer extensions or sewer special assessments which the District Board of Trustees deems to be of benefit to an area larger than the immediate service area.

CAPITAL PROJECTS FUNDS

The Capital Projects Funds are used to account for all resources used for the acquisition of capital facilities by a governmental unit except those financed by Proprietary Funds.

Improvement Fund

The Improvement Fund is used to account for sewer system, pump station improvements and repayment of loans to the Illinois Environmental Protection Agency.

Construction Fund

The Construction Fund is used to account for improvements and expansions to the Wastewater Treatment Center and repayment of loans to the Illinois Environmental Protection Agency.

DOWNERS GROVE SANITARY DISTRICT

General Fund

**Schedule of Expenditures - Budget and Actual
For the Fiscal Year Ended April 30, 2022**

| | Budget | | Actual |
|--------------------------|--------------|------------|-----------|
| | Original | Final | |
| General Government | | | |
| Salaries and Wages | | | |
| Plant | \$ 1,443,700 | 1,443,700 | 1,338,906 |
| Administrative | 981,700 | 981,700 | 804,515 |
| Sewer System | 479,050 | 479,050 | 422,292 |
| Laboratory | 259,550 | 259,550 | 235,671 |
| Lift Station | 86,000 | 86,000 | 18,714 |
| Office Expenditures | 539,550 | 539,550 | 321,847 |
| Insurance | 744,000 | 744,000 | 690,399 |
| Operations | | | |
| Plant | 1,890,950 | 1,890,950 | 1,516,784 |
| Sewer System | 3,005,550 | 3,005,550 | 1,663,033 |
| Laboratory | 148,650 | 148,650 | 97,802 |
| Lift Station | 419,600 | 419,600 | 294,075 |
| Motor Vehicles | 42,000 | 42,000 | 78,442 |
| Professional Services | 427,600 | 427,600 | 350,185 |
| Retirement Contributions | 559,000 | 559,000 | 512,816 |
| Total General Government | 11,026,900 | 11,026,900 | 8,345,481 |
| Debt Service | | | |
| Principal Retirement | - | - | 181,591 |
| Total Expenditures | 11,026,900 | 11,026,900 | 8,527,072 |

DOWNERS GROVE SANITARY DISTRICT

Improvement - Capital Projects Fund

**Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual
For the Fiscal Year Ended April 30, 2022**

| | Budget | | Actual |
|--|--------------------|--------------------|-------------------------|
| | Original | Final | |
| Revenues | | | |
| Charges for Services | | | |
| Connection Charges | \$ 90,000 | 90,000 | 130,885 |
| Investment Income | 3,000 | 3,000 | 1,279 |
| Total Revenues | <u>93,000</u> | <u>93,000</u> | <u>132,164</u> |
| Expenditures | | | |
| General Government | | | |
| Salaries and Wages | 110,000 | 110,000 | 76,626 |
| Professional Services | 1,200,000 | 1,200,000 | 60,975 |
| Capital Outlay | 93,700 | 93,700 | 119 |
| Debt Service | | | |
| Principal Retirement | - | - | 93,191 |
| Total Expenditures | <u>1,403,700</u> | <u>1,403,700</u> | <u>230,911</u> |
| Excess (Deficiency) of Revenues Over (Under) Expenditures | (1,310,700) | (1,310,700) | (98,747) |
| Other Financing Sources | | | |
| Transfers In | - | - | 275,000 |
| Net Change in Fund Balance | <u>(1,310,700)</u> | <u>(1,310,700)</u> | 176,253 |
| Fund Balance - Beginning | | | <u>1,120,244</u> |
| Fund Balance - Ending | | | <u><u>1,296,497</u></u> |

DOWNERS GROVE SANITARY DISTRICT

Construction - Capital Projects Fund

**Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual
For the Fiscal Year Ended April 30, 2022**

| | Budget | | Actual |
|----------------------------|----------------|----------------|------------------|
| | Original | Final | |
| Revenues | | | |
| Charges for Services | | | |
| Connection Charges | \$ 250,000 | 250,000 | 359,857 |
| Investment Income | 1,400 | 1,400 | 869 |
| Total Revenues | <u>251,400</u> | <u>251,400</u> | 360,726 |
| Expenditures | | | |
| Debt Service | | | |
| Principal Retirement | <u>28,900</u> | <u>28,900</u> | 28,807 |
| Net Change in Fund Balance | <u>222,500</u> | <u>222,500</u> | 331,919 |
| Fund Balance - Beginning | | | <u>1,265,044</u> |
| Fund Balance - Ending | | | <u>1,596,963</u> |

SUPPLEMENTAL SCHEDULE

DOWNERS GROVE SANITARY DISTRICT

Long-Term Debt Requirements

IEPA Loan Payable of 2010

April 30, 2022

| | |
|-------------------------|--|
| Date of Issue | July 29, 2011 |
| Date of Maturity | November 2, 2030 |
| Authorized Issue | \$8,847,011 |
| Interest Rate | Non-Interest Bearing |
| Principal Maturity Date | November 2 |
| Payable at | Illinois Environment Protection Agency |

CURRENT AND LONG-TERM PRINCIPAL AND INTEREST REQUIREMENTS

| Fiscal Year | Principal | Interest | Totals |
|----------------|------------------|----------|------------------|
| 2023 | \$ 303,590 | - | 303,590 |
| 2024 | 303,590 | - | 303,590 |
| 2025 | 303,590 | - | 303,590 |
| 2026 | 303,590 | - | 303,590 |
| 2027 | 303,590 | - | 303,590 |
| 2028 | 303,590 | - | 303,590 |
| 2029 | 303,590 | - | 303,590 |
| 2030 | 303,590 | - | 303,590 |
| 2031 | 151,791 | - | 151,791 |
| | <u>2,580,511</u> | <u>-</u> | <u>2,580,511</u> |

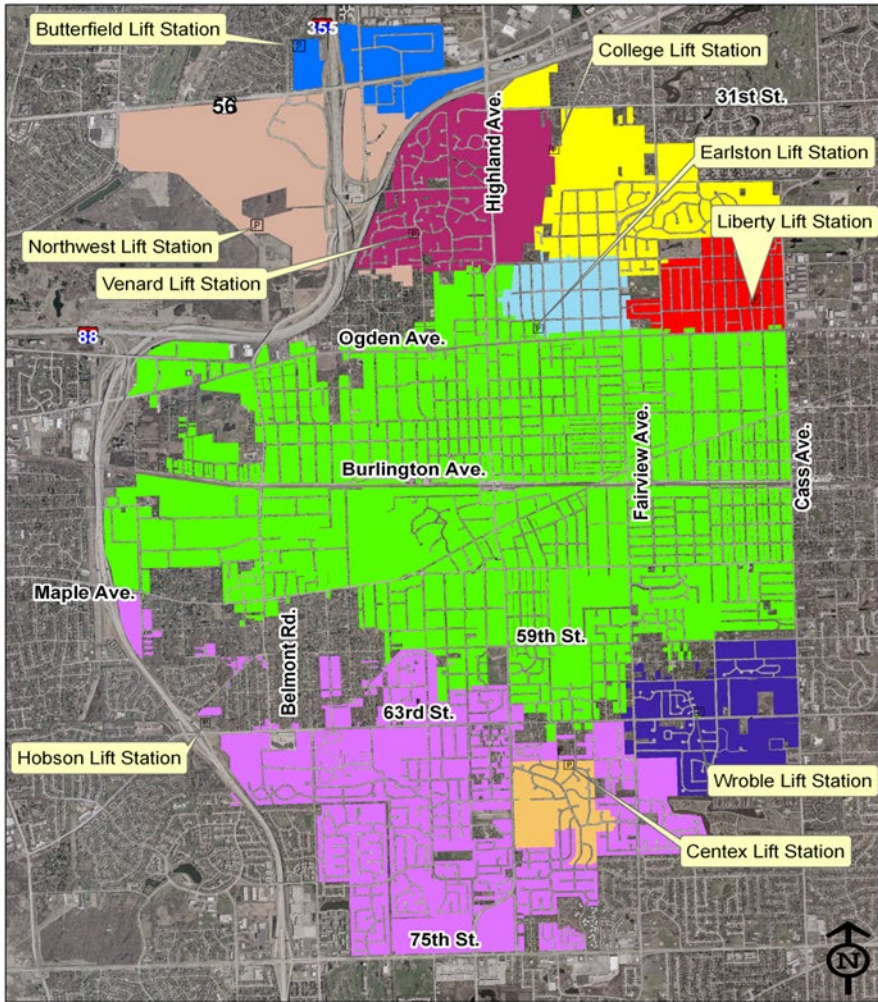
Downers Grove



Sanitary District

LIFT STATIONS

September 27, 2022

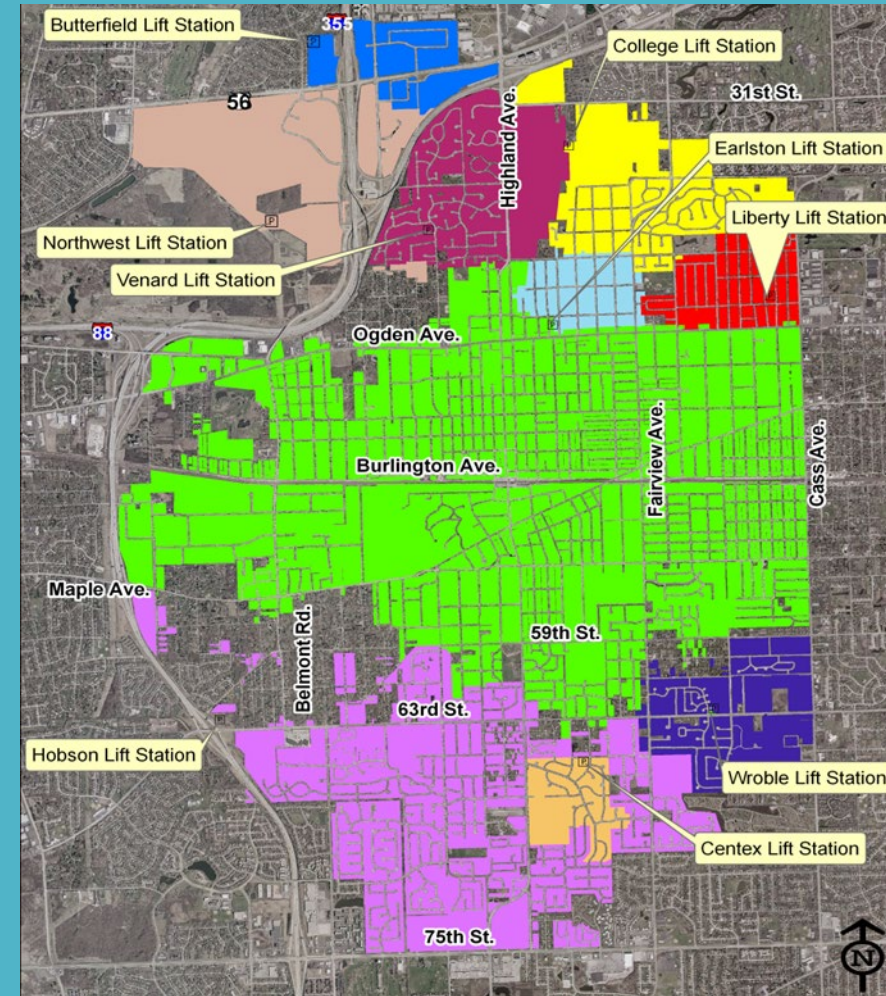


Downers Grove Sanitary District
Lift Stations

- Flow Basins**
- Gravity Sewer Area
 - Butterfield Lift Station
 - Centex Lift Station
 - Earleton Lift Station
 - Hobson Lift Station
 - Liberty Lift Station
 - Northwest Lift Station
 - Venard Lift Station
 - College Lift Station
 - Wroble Lift Station

OVERVIEW

- Nine (9) lift stations
- Three (3) in south side of service area
 - ✓ Centex (smallest)
 - ✓ Hobson (largest)
 - ✓ Wroble
- Six (6) in north side of service area
 - ✓ Butterfield
 - ✓ College
 - ✓ Earlston
 - ✓ Liberty Park
 - ✓ Northwest
 - ✓ Venard



HOBSON LIFT STATION

2537 Hobson Road, Downers Grove
(Hobson Road & I-355 Tollway)



| | |
|---------------------|-------------------------------|
| Installation Date | November 1974 Updated 2008 |
| Number of Pumps | 4 |
| Horsepower | 250 hp each |
| Average Daily Flow | 1,771 gpm (2.55 MGD) |
| Maximum Flow | 13,500 gpm (19.4 MGD) |
| Force Main Diameter | 24" |
| Force Main Length | 4,990 ft |

CENTEX LIFT STATION

6510 Fairmont Avenue Downers Grove
(65th & Fairmont Avenue)



| | |
|---------------------|----------------------|
| Installation Date | November 1965 |
| Number of Pumps | 2 |
| Horsepower | 15 hp each |
| Average Daily Flow | 49 gpm (0.07 MGD) |
| Maximum Flow | 1,000 gpm (1.44 MGD) |
| Force Main Diameter | 12" |
| Force Main Length | 5,100 ft |

- Scheduled for replacement
 - ✓ \$1,455,000 construction cost
 - ✓ Construction expected to start Spring 2023

WROBLE LIFT STATION

63rd Street & Brookside Drive, Westmont



| | |
|---------------------|----------------------|
| Installation Date | September 1973 |
| Number of Pumps | 2 |
| Horsepower | 150 hp each |
| Average Daily Flow | 576 gpm (0.83 MGD) |
| Maximum Flow | 3,300 gpm (4.75 MGD) |
| Force Main Diameter | 16" |
| Force Main Length | 4,680 ft |

LIBERTY PARK LIFT STATION

41st Street & Adams Street, Westmont



| | |
|---------------------|--------------------------------|
| Installation Date | November 1965 Replaced 2018 |
| Number of Pumps | 3 |
| Horsepower | 60 hp each |
| Average Daily Flow | 137 gpm (0.20 MGD) |
| Maximum Flow | 2,000 gpm (2.88 MGD) |
| Force Main Diameter | 12" |
| Force Main Length | 4,860 ft |

EARLSTON LIFT STATION

717 W. 41st Street, Downers Grove
(41st Street & Earlston Road)



| | |
|---------------------|----------------------|
| Installation Date | November 1956 |
| Number of Pumps | 3 |
| Horsepower | 25 hp each |
| Average Daily Flow | 104 gpm (0.36 MGD) |
| Maximum Flow | 3,100 gpm (4.46 MGD) |
| Force Main Diameter | 14" |
| Force Main Length | 1,050 ft |

VENARD LIFT STATION

3711 Venard Road, Downers Grove
(Venard Road & Goldenbell Court)



| | |
|---------------------|-----------------------------|
| Installation Date | March 1966 Replaced 2010 |
| Number of Pumps | 3 |
| Horsepower | 85 hp each |
| Average Daily Flow | 396 gpm (0.57 MGD) |
| Maximum Flow | 3,100 gpm (4.46 MGD) |
| Force Main Diameter | 10" |
| Force Main Length | 1,470 ft |

COLLEGE LIFT STATION

555 31st Street, Downers Grove
(Southwest of Midwestern University)



| | |
|---------------------|----------------------|
| Installation Date | August 1989 |
| Number of Pumps | 3 |
| Horsepower | 75 hp each |
| Average Daily Flow | 285 gpm (0.41 MGD) |
| Maximum Flow | 2,250 gpm (3.24 MGD) |
| Force Main Diameter | 16" |
| Force Main Length | 6,250 ft |

BUTTERFIELD LIFT STATION

20W695 Glen Park Road, Lombard
(Northwest of Butterfield Road & I-355
Tollway)



| | |
|---------------------|----------------------|
| Installation Date | September 1970 |
| Number of Pumps | 2 |
| Horsepower | 40 hp each |
| Average Daily Flow | 118 gpm (0.17 MGD) |
| Maximum Flow | 1,150 gpm (2.23 MGD) |
| Force Main Diameter | 12" |
| Force Main Length | 1,290 ft |

NORTHWEST LIFT STATION

21W042 Finley Road, Downers Grove
(Northwest of Finley Road & I-88 Tollway)



| | |
|---------------------|--|
| Installation Date | February 1970 Pumps updated 2007-2010 |
| Number of Pumps | 3 variable speed, 2 high flow |
| Horsepower | 75 hp each (3), 150 hp (2) |
| Average Daily Flow | 715 gpm (1.03 MGD) |
| Maximum Flow | 4,000 gpm (5.76 MGD) |
| Force Main Diameter | 20" |
| Force Main Length | 6,040 ft |

OPERATIONS & MAINTENANCE

- All lift stations are in continuous operation – 24 hours/day, 7 days/week
- Lift station operation and emergency response is critical.
 - ✓ All lift stations are monitored remotely via SCADA through cellular service
- All lift stations are inspected weekly.
 - ✓ All pumps and equipment are tested during the inspection.
- Stationary generators are exercised weekly.
- Scheduled preventive maintenance work orders are automatically generated for items such as lubrication, seal water filter replacements and motor winding testing.
- Any pumps or equipment found in need of repair are addressed in a timely manner.

DOWNERS GROVE SANITARY DISTRICT
MEMO

TO: Board of Trustees

FROM: Carly Shaw
Administrative Supervisor

DATE: 09/15/2022

RE: Bank Account Imprest Balance Increase

The purpose of this Memo is to review the current imprest balance the District has in the Disbursement, Payroll, and Petty Cash Checking accounts and to receive the Board's approval to increase those amounts to accommodate increasing expenses.

Currently the District keeps an imprest balance of \$230,000 in the Disbursement account to help cover pre-claim ordinance expenses between the board meetings. Examples of regular pre-claim expenses are health insurance, IMRF, and payroll tax liabilities. As employee wages increase, the tax liabilities and IMRF contributions increase as well. Health insurance increases annually as well based on market conditions. We find the account carrying a low balance each month occasionally resulting in the need for an internal transfer of funds from our Deposit account as we await approval of the claim ordinance and the transfers between bank accounts are completed following said approval.

The Payroll account has an imprest amount of \$277,100 to cover any payrolls that do not fall under the payroll dates to be reimbursed for the current claim ordinance. We typically reimburse four payrolls each claim ordinance depending on how the dates fall. With the rising employee wages, and the occasional shift in the meeting schedule, we also feel it would be beneficial to increase this amount to ensure that we are never short on funds in the Payroll account to cover those payrolls.

Petty Cash Checking account currently has an imprest amount of \$3700. This account is used for small expenses and for the BSSRAP rodding refunds to customers. Although customers do issue checks to us upon applying for the program, those are deposited into our deposit account. The refunds are then issued through petty cash checking later to be reimbursed through the claim ordinance. With the rising cost of rodding and the amount of refunds we issue, we are finding that we need to transfer funds prior to the board approval of the claim ordinance to cover these checks more often.

Staff is recommending that the imprest amount for the Disbursement and Payroll accounts be increased to \$300,000 and the Petty Cash Checking is increased to \$5000.

In order to implement these changes, staff would do an internal transfer from the Deposit account to the Disbursement, Payroll, and Petty Cash checking accounts.

I am recommending that the Board make the following motion: "I move to increase the imprest balances on the Disbursement and Payroll accounts to \$300,000 and to \$5000 on the Petty Cash Checking account and authorize the transfer of funds from the Deposit account to implement these changes."

cc: KJR, RTJ, MJS, ARU, MGP

Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Jeremy M. Wang
Clerk



General Manager
Amy R. Underwood, P.E.

Legal Counsel
Michael G. Philipp

2710 Curtiss Street
P.O. Box 1412
Downers Grove, IL 60515-0703
Phone: 630-969-0664
Fax: 630-969-0827
www.dgsd.org

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees
From: Amy R. Underwood, General Manager
Date: September 23, 2022
Subject: Purchasing Cooperatives & Combination Cleaning Truck Purchase

Sewer system staff are preparing to place an order for a new combination cleaning truck through Sourcewell, which is a purchasing cooperative. This is a good opportunity to review the District's use of purchasing cooperatives with the Board.

The following is a list of the government purchasing cooperatives we have used in the past few years as well as what we have used them for:

- Sourcewell (formerly National Joint Purchasing Alliance):
 - Heavy Vehicles/Equipment (i.e. wheel loaders, biosolids screener)
 - Electric Golf Carts
- Bid Buy (State of Illinois Procurement)
 - Vehicles
 - Cell phones (through Verizon)
- Suburban Purchasing Cooperative
 - Vehicles

Purchasing cooperatives offer the District an opportunity to comply with both its procurement statute and own procurement policy without incurring significant administrative time or effort to purchase various good or services. The various cooperatives are built on an economies of scale model where competitive bidding requirements are met and procurement cost savings are achievable due to combined purchasing power among various units of government. The exception to this is large equipment which have specialized features that no other manufacturer offers and therefore cannot be bid competitively. These items are available through Sourcewell for a discount off the manufacturer's list price. These cooperatives have no cost for the District and involve "piggy-backing" on the work of larger organizations that spearhead the formation of a particular cooperative.

The Sourcewell Cooperative Purchasing Reference Guide, which explains their program in more detail, is attached for the Board's information.

The combination cleaning truck is budgeted for purchase in FY23-24 to replace the Vac-Con which we purchased in 2013. Current lead times for this type of equipment are eight months to a year. This summer, Staff reviewed the combination cleaning trucks Sourcewell had available and invited two manufacturers (i.e., Vactor and Vac-Con) to bring their equipment to our site so that Staff could evaluate it. The attached memo from Sewer Maintenance Supervisor, Bob Swirsky, summarizes Staff's evaluation and recommendation for the combination cleaning truck purchase. Staff are recommending the District purchase the Vac-Con unit as it better fits our operations, maintenance and safety needs.

This is a good example of how Sourcewell works well to meet the District's needs while ensuring a competitive price. If we were to publicly bid procurement of this equipment, one of the following two scenarios would occur:

1. The specifications would be written loosely to allow multiple bidders. The District would then purchase the equipment based on price. The list price of the Vactor unit is approximately 20% less than the list price of the Vac-Con unit. The District would then purchase a unit that does not meet our safety needs, among other needs.
2. The specifications would be written tightly around the Vac-Con unit to ensure that our operations, maintenance and safety needs are met. In this case, Vac-Con would be the only bidder, and they would know it. They could then raise the price without limitation, and the District would pay more than we would going through the Sourcewell program.

This memo is provided for information and discussion only. No action is required by the Board at this time.

C: BOLI, MGP, CS

Cooperative Purchasing Reference Guide

Your guide for sourcing success



Together, we are Sourcewell

Cooperative purchasing

Cooperative purchasing is procurement conducted by, or on behalf of, one or more government units for use by other government units.



Compliant

- Our process can be trusted to satisfy your bid requirements
- We are a government agency that works like you
- Achievement of Excellence in Procurement recipient



Competitive

- Buying power of 50,000 participating agencies
- Contracts offer ceiling-based (not-to-exceed) pricing and volume discounts



Convenient

- More than 400 quality suppliers holding competitively awarded contracts
- Full suite of options for a complete solution
- Easy, no-cost participation for public agencies



Register as a participating agency

Participation is free. Just complete the online or paper registration form. A legal agreement is available if needed. After registering, you will receive a Sourcewell account ID number electronically and a welcome packet by mail.

- Online at: sourcewell-mn.gov
- Through hard copy participation agreement (download from our website)
- Through “Joint Exercise of Powers” or “Interlocal” agreements

Make a purchase

Browse our catalog of nationally awarded suppliers online. Contact the supplier directly and inform them of your interest in using the Sourcewell contract, OR use our expertise — contact our client relations team. We want to be your guide.

For more information, contact our client relations team:

877-585-9706

service@sourcewell-mn.gov

Our process

Cooperative purchasing connects buyers and sellers for efficiency and savings.

Our user-friendly process—the consistency of our documents, forms, and evaluation criteria—is among our greatest assets.

We continuously refine our efforts to meet the changing needs of our participating agencies. They value our North American competitive procurement process, which satisfies local procurement requirements.

Our clients add value to these steps by understanding their local procurement requirements and assessing their ability to legally access and utilize Sourcewell contracts.

Competitive procurement process

1. Scope of solicitation

We determine the scope of each competitive solicitation by identifying the needs of our public agency clients. This is accomplished through daily interactions and guidance from our clients.

2. Authorization from Sourcewell Board of Directors

Before initiating a solicitation, we seek permission from the publicly elected Sourcewell Board of Directors.

3. Public notice and advertising

Upon approval from the board, we issue a public notice and advertisement. Refer to sourcewell-mn.gov/process for specific advertising locations.

4. Proposal receipt and opening

We accept web-based, digital submissions through the Sourcewell Procurement Portal. Responses through the portal are secure and inaccessible until after the published due date and time. We conduct a public-proposal opening time, date, and place as specified in the RFP. Prior to April 1, 2019, physical submissions were accepted with a time and date stamp upon receipt at our office in Staples, Minn.

5. Objective evaluation

At the proposal opening, we evaluate the responsiveness of each proposal received. The evaluation committee then presents its recommendations to the chief procurement officer (CPO) for final review and approval.

6. Official award

Upon approval by the CPO and ratification by the Sourcewell Board of Directors, we award the recommended supplier(s) a four-year contract with the potential for a one-year extension. The Sourcewell Procurement Department sends a Notice of Award or Non-Award to all respondents via email.

7. Posting and review of approved contract documents

Sourcewell maintains a complete procurement file, and contract documentation is posted on our website. We periodically review all awarded contracts for compliance and effectiveness. In addition, Sourcewell may review and approve price and product changes at the supplier's request.



Six-time recipient of the Achievement of Excellence in Procurement award.

The Sourcewell advantage

Sourcewell is a self-sustaining government organization. We partner with government, education, and nonprofit entities to empower community success.

You can confidently partner with Sourcewell because we:

Value independence

- As a government agency authorized by the state of Minnesota, we can enter into contracts and operate as our own cooperative purchasing lead agency. (See enabling legislation on page 6)
 - We adhere to competitive solicitation requirements of the Uniform Municipal Contracting Law.
- We award most contracts corporately, but you purchase from local dealers and providers.
- Contract terms allow you to propose supplemental terms and conditions.

Lead the way

- Choice of high-quality equipment/products/services—400 North American supplier contracts and more than 500 construction contracts.
- We eliminate low-bid, low-quality issues. You capture lifecycle-cost savings.
- Our contracts are tailored to you with solutions-based solicitations.
 - Basic to fully customized solutions available when you choose from a suite of options.

Read the fine print

- Proven procurement process, refined over 40 years. (See prior page.)
- Contracts competitively solicited on your behalf and awarded by our CPO and elected board.
- The documentation you need is right at your fingertips—with a complete procurement file posted on our website sourcewell-mn.gov.

Make purchasing easy

- Browse our catalog of awarded suppliers online.
- Participating agencies can then contact the supplier directly and tell them you'd like to use the Sourcewell contract.
 - If not a participating agency, check out how easy it is to register on page 3.
- Tap into our expertise by contacting our client relations team: 877-585-9706 or service@sourcewell-mn.gov.

Frequently asked questions

Q. Who is Sourcewell?

A. Sourcewell is a local unit of government, a public corporation and agency under the Minnesota Constitution and its enabling law, Minnesota Statutes § 123A.21. Sourcewell employees are government employees.

Q. What is Sourcewell's primary purpose?

A. Sourcewell is a service cooperative created to provide programs and services to participating agencies in the government, education, and nonprofit sectors. Its statutory purpose is to assist these agencies in meeting specific needs which are more efficiently delivered cooperatively than by an entity individually. Minn. Stat. § 123A.21, subd. 2.

Q. Is cooperative purchasing one of Sourcewell's authorized activities?

A. Sourcewell is authorized to establish cooperative purchasing contracts on behalf of itself and participating agencies. Sourcewell follows the competitive contract law requirements under Minnesota Statutes § 471.345, to solicit, evaluate, and award these contracts.

Q. How is Sourcewell governed?

A. Sourcewell is governed by an eight-member board of directors made up of local elected officials including county commissioners, city council members, mayors, and school board members.

Q. Who is eligible to participate, and how much does it cost?

A. Participation is free and available to all government, education, and nonprofit entities.

Q. How do we register?

A. You can register to participate online at sourcewell-mn.gov or by submitting a paper agreement.

Q. What specific statute gives my agency the authority to participate?

A. Joint powers and cooperative purchasing laws authorize clients to access Sourcewell cooperative purchasing contracts. Sourcewell clients are responsible for ensuring compliance with state and local laws in their respective jurisdictions. A comprehensive list of state laws is included on the Sourcewell website on the "Compliance and Legal" page.

Sourcewell continuously monitors changing laws and regulations affecting cooperative purchasing. For questions about state-specific compliance or contract-use requirements, please contact service@sourcewell-mn.gov.

Q. Can my agency use Sourcewell contracts without issuing our own solicitation?

A. Sourcewell contracts are competitively solicited on behalf of Sourcewell and our participating agencies. Individual agencies are free to determine whether the awarded contracts meet their needs.

Frequently asked questions

Q. Does Sourcewell's procurement process meet federal procurement standards, including the Office of Management and Budget Uniform Guidance (2 CFR Part 200)?

A. Sourcewell's procurement process is continuously improved to ensure compliance with state and federal requirements affecting our clients' ability to use cooperative purchasing contracts. Standard federal terms and conditions are included in Sourcewell solicitations and contracts. For specific compliance questions, please contact service@sourcewell-mn.gov.

Q. How do I obtain copies of the legal documents associated with each contract?

A. Contracts and solicitation documents are available under the "Contract Documentation" tab on each supplier's page on the Sourcewell website. Please follow the instructions under each supplier's "Pricing" tab to access pricing for specific contracts. Due to pricing complexity, some pricing is only available upon request. Procurement files are also available upon request.

Q. As a Sourcewell participating agency, are we able to buy from other contracts?

A. Sourcewell participation and contracts are nonexclusive with no obligation to purchase.

Q. How is Sourcewell funded?

A. Sourcewell is funded by administrative fees paid by suppliers. When Sourcewell awards a contract, that supplier realizes substantial efficiencies in the form of thousands of sales opportunities. Suppliers pay a percentage of those sales to Sourcewell to cover costs related to the procurement process and to offset general operating costs.

Material prepared and provided by Sourcewell is intended as informational and for reference purposes, but is not legal advice. We recognize your responsibility to ensure the Sourcewell procurement process complies with your local laws.



Cooperative purchasing

Sourcewell creates cooperative contract purchasing solutions on behalf of participating public agencies. Cooperative contracts offer both time and money savings for users by consolidating the efforts of numerous individually prepared solicitations into one, cooperatively shared process—taking advantage of the volume pricing generated by 50,000 agencies across North America.

Register and purchase

Visit sourcewell-mn.gov/cooperative-purchasing or turn to page 3 for more details.

We want to be your guide.

Contact our client relations team:

877-585-9706

service@sourcewell-mn.gov

Downers Grove

Sanitary District

2710 Curtiss Street
P.O. Box 1412
Downers Grove, IL 60515-0703
Phone: 630-969-0664
Fax: 630-969-0827
www.dgsd.org

Memorandum

DATE: September 2, 2022

TO: Amy Underwood
General Manager

FROM: Robert Swirsky
Sewer System Maintenance Supervisor

REFERENCE: Combination Cleaning Truck Purchase

Amy,

After reviewing the details of the Sourcewell quotes provided by EJ Equipment and Standard Equipment we recommend purchasing the Vac-Con truck as quoted by EJ Equipment, the reasons for this selection are specified on the attached pages.

Thank you,
Bob

Benefits of Vac-Con over Vactor

● Hose Reel

✘ *Vactor (negative)* - Hose reel limits the manhole accessibility. Also, the fixed location of the hose reel exposes the operator to vehicle traffic.

✔ *Vac-Con (positive)* - The Pro Hose Reel has many key features that allows for a safer and upgraded user experience for sewer system technicians.

- Can transverse across the entire front of the vehicle allowing the operator to be out of vehicle traffic
- Allows for easier and safer access to parkway manholes.
- Safety camera system mounted on house reel to allow for full driver visibility of hose reel location with a 180° field of vision.
- Allows the operator to position hose reel while still safely inside the vehicle and reduces the set up time by 50%.

● Pipe Rack

✘ *Vactor (negative)* - Pipe rack is a drop down rack that forces workers to be in traffic or behind the truck to lower the pipes.

✔ *Vac-Con (positive)* - Pipe rack is mounted on the chassis allowing the worker to not have to enter traffic while working.

● Water Pump

✘ *Vactor (negative)* - Single piston water pump utilizes a jackhammer action feature that creates a pulsing sensation which deteriorates the workers ability to detect roots in the sewer that they are cleaning.

✔ *Vac-Con (positive)* - Triplex FMC smooth flow water pump does not have the pulsation inherent with the single piston pumps. Sewer hose and handgun operations remain smooth across full pressure range. This allows technicians to have a better feel for the roots they are removing while using a root cutter.

● Engines

✘ *Vactor (negative)* - Single engine is utilized for all operations (i.e. jetting, vacuum, etc).

✔ *Vac-Con (positive)* - Vac-Con Dual Engine Machine with Auxiliary Engine Water Pump Drive

- Fuel savings due to not needing to utilize the chassis engine while jetting which offers increased return on investment due to lower cost of operation.
- Reduced maintenance costs from less strain on the chassis engine.
- Use of an auxiliary engine reduces extraneous noise from the truck which improves operator decibel exposure levels.
- Chassis engine is only run to drive the vehicle and to use the Vacuum system.

● Water Tanks

✘ *Vactor (negative)* - Aluminum tanks can corrode easily.

✔ *Vac-Con (positive)* - Non-metallic corrosion proof water tanks with lifetime warranty.

- **Vacuum System**

- ✘ *Vactor (negative)* - Dual Fan system

- ✔ *Vac-Con (positive)* - 3-Stage AeroBoost fan system offers increased vacuum performance with increased air flow.

- **Additional Benefits of Vac-Con**

- ✔ 4 - camera placement for traffic/pedestrian awareness (Front, Rear, R&L sides)

- ✔ LED Arrow Board for guiding traffic safely around workers

- ✔ 8 - LED warning/safety lighting package

- ✔ Remote chassis lubrication manifold (no climbing on truck to lube grease fittings)

- **A History of Vac-Con trucks at DGSD**

- ✔ 19 year working relationship with EJ Equipment

- ✔ Limited training needed for sewer system technicians to acclimate to new truck

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Board of Trustees

FROM: Carly Shaw
Administrative Supervisor

DATE: September 14, 2022

RE: Administrative Services Progress Report – August 2022

ADMINISTRATIVE

Personnel

We have hired a new Part Time Billing Assistant. Kelly Justus joined the district on 8/24/22.

We are currently interviewing applicants to fill the open Lab Analyst position.

We are currently hiring for a Maintenance Mechanic position.

Reimbursement Program for Sanitary Sewer
Backups Caused by Public Sanitary Sewer Blockages

We have 3 backups that they have received the packets, but no claims have been filed.

An updated BURP summary is attached for your information.

Technology Update

I am currently working with Chris Larson at Sound and Larry Kravets at Concentric on the copper conversion of our SCADA 2 and main phone line at the Administration Center and the Elevator lines at the WWTC in response to the FCC order granting telecommunications carriers permission to abandon outdated, degrading copper POTS lines. I am also investigating new hosted phone options as our phone system is becoming quite outdated and finding support and parts is becoming difficult.

The District has also made the decision to change cellular service for our cell phones and tablets to T-Mobile. The agreement is in review currently. Lift station cellular will stay with Verizon at this time. Testing of service was done by staff to make sure that the service is comparable to Verizon. The District will save an estimated \$3000 a year with this change. There is no contract for this service.

City Insight has made the appropriate updates to the portal after staff testing and feedback. We are delaying the launch of the new portal due to a billing software change at the Village of Downers Grove that directly impacts our process. We are currently working with Ketul at Curtis Martin on making changes in our system to read the new billing files from the Village.

The following is a detailed summary of the Invoice Cloud portal's utilization in the last month and since the portal's launch in February 2015 through the end of last month

| | |
|--|--------------|
| # of Customers registered in the last month: | 99 |
| # of Customers paying their bills online in the last month: | 1,979 |
| Amount of Money processed through the Portal in the last month: | \$134,431.10 |
| # of Customers signing up for Autopay through the Portal in the last month: | 87 |
| # of Customers enrolled in paperless billing in the last month: | 75 |
| # of customers registered for pay by text in the last month: | 27 |
| Cost to District for providing Invoice Cloud service in the last month: | \$655.50 |
| Cost to District's customers (convenience fees) in the last month: | \$3,253.17 |
| Estimated Monthly savings from customers enrolled in paperless billing: | \$119.25 |
| | |
| # of Customers registered from launch through last month: | 7,407 |
| # of Customers signing up for Autopay through the Portal from launch through last month: | 3,319 |
| # of Customers enrolled in paperless billing from launch through last month: | 3,975 |
| # of customers registered for pay by text from launch through last month: | 2,300 |

FINANCIAL

Treasurer's Report and Investment Activity

The monthly Treasurer's Report is included separately in the packet each month and detailed investment information (financial institution name, current rate and dollar amount) is provided on the District's Investment Schedule also provided separately in the packet each month.

Staff moved the funds from the Money Market at Tri-State Capital Bank into a CD with Tri-State Capital Bank with a rate of 3.29% on August 9, 2022. We continue to monitor CD rates and will make similar transfers as rates increase.

Annual Audit

Lauterbach & Amen will be presenting the audit at the September 27 board meeting.

User Billing

Detailed billing information is attached to this report.

cc: WDVB, AES, JMW, KJR, RTJ, MJS, MGP

USER BILLING SUMMARY

User Charge System

Billings for August 2022 were as follows:

| | | |
|---------------------------------|----------------------------|--------------|
| | User | \$448,257.78 |
| | Surcharge | 46,758.10 |
| | Monthly fees | 424,857.15 |
| | Total | \$919,873.03 |
| | | |
| Summer Usage Adjustment | | \$30,017.25 |
| | | |
| | Billable Flow | 204,019,771 |
| | Budgeted Billable Flow | 199,409,158 |
| % Actual/Budgeted Billable Flow | | 102.31% |
| | | |
| | YTD Billable Flow | 756,391,094 |
| | YTD Budgeted Billable Flow | 756,701,706 |
| % Actual/Budgeted Billable Flow | | 99.96% |

The user accounts receivable balance on 8/31/2022 is \$816,989.08 and consists of:

| | | |
|-------------------------------|--|--------------|
| Current charges due 9/15/2022 | | \$714,846.39 |
| Past due charges and penalty | | 102,142.69 |
| Total | | \$816,989.08 |

The past due charges represent:

| <u>Age</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Totals</u> |
|----------------------------|---------------------|----------------|---------------|
| 30 days past due | \$31,582.01 | \$4,452.09 | \$36,034.10 |
| 60 days past due | 17,258.12 | 2,753.07 | 20,011.19 |
| 90 days & greater past due | 38,182.42 | 7,914.98 | 46,097.40 |
| | | | |
| Totals | \$87,022.55 | \$15,120.14 | \$102,142.69 |

Summary of
Past Due Charges
(90 Days and Over)

Five Year Comparison

AUGUST

| <u>Year</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u> |
|-------------|---------------------|----------------|----------------|
| 2022 | \$38,182.42 | \$7,914.98 | \$46,097.40 |
| 2021 | 85,080.45 | 13,899.39 | 98,979.84 *** |
| 2020 | 91,467.51 | 10,158.49 | 101,626.00 *** |
| 2019 | 46,041.82 | 5,990.19 | 52,032.01 ** |
| 2018 | 43,522.44 | 6,201.77 | 49,724.21 * |

***Includes \$10,462.28 in sewer disconnection costs on 2 accounts plus late fees

**Includes \$13,020.74 in sewer disconnection costs on 4 accounts plus late fees

*Includes \$17,128.69 in sewer disconnection costs on 4 accounts plus late fees

Twelve Months Ending 2022

| <u>Month Ending</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u> |
|---------------------|---------------------|----------------|--------------|
| 8/31/22 | \$38,182.42 | \$7,914.98 | \$46,097.40 |
| 7/31/22 | 38,067.35 | 8,003.01 | 46,070.36 |
| 6/30/22 | 35,801.73 | 7,550.71 | 43,352.44 |
| 5/31/22 | 38,626.36 | 8,031.01 | 46,657.37 |
| 4/30/22 | 38,411.53 | 7,913.94 | 46,325.47 |
| 3/31/22 | 55,139.44 | 10,814.13 | 65,953.57 |
| 2/28/22 | 69,604.77 | 13,159.15 | 82,763.92 |
| 1/31/22 | 77,774.61 | 14,061.89 | 91,836.50 |
| 12/31/21 | 75,563.02 | 14,423.46 | 89,986.48 |
| 11/30/21 | 75,609.04 | 14,075.95 | 89,684.99 |
| 10/31/21 | 67,897.08 | 13,646.54 | 81,543.62 |
| 9/30/21 | 82,506.50 | 24,480.75 | 106,987.25 |

There were 32 accounts scheduled for Pre-Enforcement on August 15, 2022 of which 24 have paid in full. There are 20 accounts scheduled for Pre-Enforcement on September 15, 2022 of which 5 accounts have paid in full.

REIMBURSEMENT PROGRAM FOR SANITARY SEWER BACKUPS
 CAUSED BY PUBLIC SANITARY SEWER BLOCKAGES

11/12/21

| STREET ADDRESS | CITY | NAME | DATE OF BACKUP | DATE CLAIM RECEIVED | AMOUNT OF CLAIM | ADJUSTER RECOMMENDATION | AMOUNT PAID | DATE PAID | ADJUSTER FEE | STATUS |
|--|---------------|-----------|----------------|---------------------|-----------------|----------------------------------|-------------|-----------|--------------|--------|
| 745 CHICAGO AVENUE | DOWNERS GROVE | FICHT | 3/11/2022 | 7/15/2022 | 1,000.00 | PAYMENT SUGGESTED - \$2,500.00 | 1,000.00 | 8/2/2022 | 671.40 | CLOSED |
| 5812 PLYMOUTH STREET | DOWNERS GROVE | KENNY | 3/24/2022 | 3/30/2022 | 1,732.36 | PAYMENT SUGGESTED - \$1,643.33 | 1,732.36 | 4/22/2022 | 243.00 | CLOSED |
| 520 BUNNING DRIVE | DOWNERS GROVE | SUKER | 5/6/2022 | 6/6/2022 | 530.00 | NO ADJUSTER - PLUMBER COSTS ONLY | 530.00 | 6/10/2022 | 0.00 | CLOSED |
| 1035 HAVENS COURT | DOWNERS GROVE | MCGIVERN | 5/23/2022 | | | NO ADJUSTER | | | | OPEN |
| 4014 WILLIAMS STREET | DOWNERS GROVE | DZIADUS | 6/20/2022 | | | | | | | OPEN |
| 302 S. LINCOLN STREET | WESTMONT | CONSTANCE | 7/20/2022 | | | NO ADJUSTER | | | | OPEN |
| TOTAL NUMBER OF BACKUPS (SINCE PROGRAM START IN 1997) | | | 247 | | | | | | | |
| TOTAL NUMBER OF CLAIMS RECEIVED (SINCE PROGRAM START IN 1997) | | | 124 | | | | | | | |
| TOTAL AMOUNT OF CLAIMS RECEIVED (SINCE PROGRAM START IN 1997) | | | | | \$165,884.50 | | | | | |
| TOTAL AMOUNT OF CLAIMS PAID (SINCE PROGRAM START IN 1997) | | | | | | | \$94,343.23 | | | |
| TOTAL AMOUNT PAID TO ADJUSTER (SINCE PROGRAM START IN 1997) | | | | | | | | | \$19,977.45 | |
| NUMBER OF CLAIMS (MOST RECENT 24 MOS) | | | 4 | | | | | | | |
| AVERAGE AMOUNT OF CLAIM (MOST RECENT 24 MOS) | | | | | \$1,947.81 | | | | | |
| AVERAGE AMOUNT OF PAYMENT (MOST RECENT 24 MOS) | | | | | | | \$1,568.75 | | | |
| AVERAGE AMOUNT PAID TO ADJUSTER PER CLAIM (MOST RECENT 24 MOS) | | | | | | | | | \$264.53 | |

To: Amy Underwood, General Manager
From: Marc Majewski, Operations Supervisor
Re: Month of August 2022, WWTC Operations Report.
Date: September 20, 2022

Attached please find detailed operating data and our monthly report to Illinois EPA for August. We had two excursions over our permit limits in the month of August for Ammonia in the B01-outfall related to an activated sludge process upset. These excursions took place on August 18th and 21st.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 7.03 MGD. Total precipitation at the WWTC was 2.28". There were no days of excess flow during the month of August. There was 1 day of discharge over 11 MGD.
- Activated sludge: An activated sludge process upset occurred, causing ammonia limits to spike above the permit discharge limits. Operators made several process adjustments, including limiting the amount of recycle stream back to the plant to help keep ammonia under control until the activated sludge could recover.
- Anaerobic Digesters: Pumped a total of 1,051,400 gallons of primary sludge, 236,202 gallons of TWAS, and 314,474 gallons of waste grease for a total of 1,602,076 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 67.9 % for August.
- Digester gas: Total digester gas production was 5,073,142 cubic feet. 302,185 cubic feet of gas was used for anaerobic digestion heat, and 3,869,486 cubic feet was used in the CHP facilities. 368,972 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 532,498 cubic feet of gas.
- Biosolids: Bio-mechanics distributed 55 dry tons of Class A biosolids in the month of August.
- Miscellaneous: Both CHP engines were both shutdown the week of August 8th for media replacement and Unison skid blower replacement.
- Electricity: Overall net energy from ComEd was: 100,795 KW-Hrs. Electricity Generated by the CHP system was 305,079 KW-Hrs. Monthly net energy (including natural gas usage) was 103 MW-Hrs for the month of August.

C: WDVB, AES, JMW, KJR, RTJ, MJS, CS, MGP

Monthly Operations Report Page 1

| | WWTC Rainfall | B01 Parshall Flume Flow Max | B01 Parshall Flume Flow Min | B01 Parshall Flume Flow Avg (Daily Total) | A01 Parshall Flume Flow Max | A01 Parshall Flume Flow Avg (Daily Total) | C01 Int Clar #1 Flow Max | C01 Int Clar #1 Flow Avg (Daily Total) | Outfall 003 Flow Max | Outfall 003 Flow Avg (Daily Total) | Total Flow Leaving WWTC Avg (Daily Total) | Total Flow Leaving WWTC Max MGD | 002 Outfall Flow Avg (Daily Total) |
|-----------|------------------|--------------------------------------|--------------------------------------|---|--------------------------------------|---|--------------------------------|--|-------------------------|---|---|--|---|
| Date | inches | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD |
| 8/1/2022 | 0.00 | 10.40 | 4.90 | 7.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.35 | 10.40 | 0.00 |
| 8/2/2022 | 0.00 | 10.49 | 3.66 | 6.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.97 | 10.49 | 0.00 |
| 8/3/2022 | 0.05 | 9.72 | 4.27 | 7.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.06 | 9.72 | 0.00 |
| 8/4/2022 | 0.00 | 10.27 | 4.55 | 6.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.98 | 10.27 | 0.00 |
| 8/5/2022 | 0.00 | 9.57 | 3.93 | 6.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.70 | 9.57 | 0.00 |
| 8/6/2022 | 0.00 | 9.20 | 3.60 | 6.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.44 | 9.20 | 0.00 |
| 8/7/2022 | 0.23 | 12.72 | 3.66 | 7.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.21 | 12.72 | 0.00 |
| 8/8/2022 | 0.38 | 17.38 | 4.56 | 9.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.69 | 17.38 | 0.00 |
| 8/9/2022 | 0.00 | 11.54 | 4.85 | 7.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.36 | 11.54 | 0.00 |
| 8/10/2022 | 0.00 | 9.00 | 3.86 | 6.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.61 | 9.00 | 0.00 |
| 8/11/2022 | 0.00 | 9.71 | 3.91 | 6.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.25 | 9.71 | 0.00 |
| 8/12/2022 | 0.00 | 9.67 | 3.50 | 6.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.29 | 9.67 | 0.00 |
| 8/13/2022 | 0.00 | 8.79 | 3.45 | 6.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.01 | 8.79 | 0.00 |
| 8/14/2022 | 0.00 | 8.85 | 3.35 | 6.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.07 | 8.85 | 0.00 |
| 8/15/2022 | 0.00 | 13.32 | 3.51 | 6.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.11 | 13.32 | 0.00 |
| 8/16/2022 | 0.00 | 8.70 | 3.12 | 5.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.78 | 8.70 | 0.00 |
| 8/17/2022 | 0.00 | 12.06 | 3.06 | 6.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.01 | 12.06 | 0.00 |
| 8/18/2022 | 0.00 | 9.73 | 2.79 | 6.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.26 | 9.73 | 0.00 |
| 8/19/2022 | 0.00 | 10.75 | 3.02 | 6.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.25 | 10.75 | 0.00 |
| 8/20/2022 | 1.01 | 20.90 | 4.25 | 11.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.98 | 20.90 | 0.00 |
| 8/21/2022 | 0.00 | 12.31 | 5.16 | 8.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.43 | 12.31 | 0.00 |
| 8/22/2022 | 0.00 | 12.91 | 4.23 | 7.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.29 | 12.91 | 0.00 |
| 8/23/2022 | 0.00 | 10.47 | 3.63 | 6.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.73 | 10.47 | 0.00 |
| 8/24/2022 | 0.00 | 9.92 | 3.31 | 6.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.47 | 9.92 | 0.00 |
| 8/25/2022 | 0.29 | 16.75 | 3.29 | 8.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.18 | 16.75 | 0.00 |
| 8/26/2022 | 0.00 | 10.43 | 4.39 | 7.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.22 | 10.43 | 0.00 |
| 8/27/2022 | 0.00 | 9.97 | 3.40 | 6.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.58 | 9.97 | 0.00 |
| 8/28/2022 | 0.00 | 10.05 | 3.50 | 6.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.79 | 10.05 | 0.00 |
| 8/29/2022 | 0.32 | 16.40 | 3.43 | 8.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.19 | 16.40 | 0.00 |
| 8/30/2022 | 0.00 | 10.74 | 4.57 | 7.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.33 | 10.74 | 0.00 |
| 8/31/2022 | 0.00 | 10.01 | 3.58 | 6.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.67 | 10.01 | 0.00 |
| Minimum | 0.00 | 8.70 | 2.79 | 5.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.78 | 8.70 | 0.00 |
| Maximum | 1.01 | 20.90 | 5.16 | 11.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.98 | 20.90 | 0.00 |
| Total | 2.28 | 352.71 | 118.30 | 219.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 219.25 | 352.71 | 0.00 |
| Average | 0.07 | 11.38 | 3.82 | 7.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.07 | 11.38 | 0.00 |

Monthly Operations Report Page 2

| | Tertiary Flow | MLSS Avg | Activated Sludge Inventory Lbs MLSS | Activated Sludge SRT Days | 15 Minutes Aeration Settling % | 30 Minutes Aeration Settling % | 60 Minutes Aeration Settling % | Sludge Volume Index | System 1 RAS TSS | System 2 RAS TSS | Dupage River Outfall DO |
|-----------|---------------|----------|-------------------------------------|---------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------|------------------|------------------|-------------------------|
| Date | MGD | | LBS | DAYS | mL/L | mL/L | mL/L | mL/g | mg/l | mg/l | mg/l |
| 8/1/2022 | 7.35 | 2,252 | 69,860 | 9.31 | 25 | 20 | 18 | 87 | | 4,615 | 7.0 |
| 8/2/2022 | 6.97 | 2,494 | 77,386 | 10.38 | 25 | 20 | 18 | 80 | 6,159 | | 7.0 |
| 8/3/2022 | 7.06 | 2,262 | 70,166 | 9.97 | 23 | 19 | 17 | 83 | | 4,358 | 7.1 |
| 8/4/2022 | 6.98 | 2,658 | 82,448 | 11.58 | 20 | 18 | 16 | 66 | 5,900 | | |
| 8/5/2022 | 6.70 | 2,393 | 74,242 | 11.14 | 21 | 18 | 16 | 73 | | 4,222 | |
| 8/6/2022 | 6.44 | | 74,242 | 11.65 | | | | | | | |
| 8/7/2022 | 7.21 | | 74,242 | 11.69 | | | | | | | |
| 8/8/2022 | 9.69 | 2,239 | 69,473 | 12.76 | 18 | 15 | 14 | 68 | | 3,588 | 6.9 |
| 8/9/2022 | 7.36 | 2,240 | 69,495 | 12.83 | 17 | 14 | 13 | 64 | 5,189 | | 6.9 |
| 8/10/2022 | 6.61 | 2,166 | 67,205 | 11.95 | 16 | 13 | 12 | 61 | | 3,719 | 7.0 |
| 8/11/2022 | 6.25 | 1,973 | 61,209 | 11.11 | 18 | 14 | 13 | 72 | 4,969 | | |
| 8/12/2022 | 6.29 | 1,941 | 60,203 | 12.82 | 14 | 12 | 11 | 60 | | 3,304 | |
| 8/13/2022 | 6.01 | | 60,203 | 13.19 | | | | | | | |
| 8/14/2022 | 6.07 | | 60,203 | 13.18 | | | | | | | |
| 8/15/2022 | 6.11 | 2,031 | 63,022 | 16.66 | 11 | 9 | 9 | 47 | | 2,955 | 6.8 |
| 8/16/2022 | 5.78 | 1,734 | 53,801 | 17.10 | 10 | 8 | 8 | 49 | 4,852 | | 6.8 |
| 8/17/2022 | 6.01 | 2,048 | 63,523 | 19.15 | 10 | 8 | 8 | 41 | | 3,389 | 6.8 |
| 8/18/2022 | 6.26 | 1,775 | 70,914 | 17.96 | 10 | 8 | 8 | 48 | 4,238 | | |
| 8/19/2022 | 6.25 | 1,543 | 47,860 | 25.50 | 10 | 7 | 7 | 49 | | 3,106 | |
| 8/20/2022 | 11.98 | | 47,860 | 56.87 | | | | | | | |
| 8/21/2022 | 8.43 | | 47,860 | 59.01 | | | | | | | |
| 8/22/2022 | 7.29 | 2,310 | 71,674 | 58.81 | 14 | 12 | 12 | 53 | | 4,421 | 6.9 |
| 8/23/2022 | 6.73 | | 71,674 | 46.06 | 14 | 12 | 12 | | | | 6.7 |
| 8/24/2022 | 6.47 | 2,323 | 72,063 | 28.68 | 13 | 12 | 12 | 52 | | 4,212 | 6.6 |
| 8/25/2022 | 8.18 | 2,319 | 71,946 | 32.86 | 15 | 13 | 13 | 58 | 5,684 | | |
| 8/26/2022 | 7.22 | 2,245 | 69,644 | 17.96 | 15 | 12 | 12 | 55 | | 6,012 | |
| 8/27/2022 | 6.58 | | 69,644 | 19.21 | | | | | | | |
| 8/28/2022 | 6.79 | | 69,644 | 18.80 | | | | | | | |
| 8/29/2022 | 8.19 | 2,018 | 62,591 | 24.07 | 14 | 12 | 12 | 58 | | 4,239 | 6.7 |
| 8/30/2022 | 7.33 | 2,393 | 74,242 | 35.54 | 14 | 12 | 12 | 50 | 5,238 | | 6.6 |
| 8/31/2022 | 6.67 | 2,632 | 81,645 | 73.23 | 15 | 12 | 12 | 47 | | 3,460 | 7.0 |
| Minimum | 5.78 | 1,543 | 47,859.66 | 9.31 | 9.74 | 7.50 | 7.50 | 41.25 | 4,238 | 2,955 | 6.6 |
| Maximum | 11.98 | 2,658 | 82,448.37 | 73.23 | 25.24 | 19.99 | 17.99 | 87.45 | 6,159 | 6,012 | 7.1 |
| Total | 219.25 | 47,988 | 2,080,185.92 | 731.03 | 365.35 | 302.64 | 288.62 | 1,320.38 | 42,229 | 55,600 | 102.8 |
| Average | 7.07 | 2,181 | 67,102.71 | 23.58 | 15.74 | 13.04 | 12.39 | 60.05 | 5,279 | 3,971 | 6.9 |

Monthly Operations Report Page 3

| | Tertiary Flow | Influent BOD 5 | Primary Clarifier BOD 5 | Intermediate Clarifier CBOD 5 | Tertiary Effluent CBOD 5 | Tertiary Effluent CBOD 5 Load | BOD 5 Removal % | Ambient Air Temp Min | Ambient Air Temp Max | Influent Flow Temp |
|-----------|---------------|----------------|-------------------------|-------------------------------|--------------------------|-------------------------------|-----------------|----------------------|----------------------|--------------------|
| Date | MGD | mg/l | mg/l | mg/l | mg/l | | % | Deg F | Deg F | Deg F |
| 8/1/2022 | 7.35 | 305 | | | 0.8 | 49 | 98.8 | 70 | 90 | 67.9 |
| 8/2/2022 | 6.97 | 250 | 108 | 0.6 | 0.6 | 35 | 98.4 | 65 | 91 | 68.0 |
| 8/3/2022 | 7.06 | 204 | | | 0.8 | 47 | 98.1 | 74 | 94 | 68.4 |
| 8/4/2022 | 6.98 | 220 | 128 | 0.7 | 0.6 | 35 | 98.1 | 72 | 88 | 68.2 |
| 8/5/2022 | 6.70 | | | | | | | 70 | 93 | |
| 8/6/2022 | 6.44 | | | | | | | 71 | 97 | |
| 8/7/2022 | 7.21 | | | | | | | 76 | 84 | |
| 8/8/2022 | 9.69 | 227 | | | 0.6 | 48 | 97.9 | 66 | 82 | 68.3 |
| 8/9/2022 | 7.36 | 307 | 131 | 0.9 | 0.6 | 37 | 97.6 | 60 | 83 | 68.5 |
| 8/10/2022 | 6.61 | 307 | | | 0.8 | 44 | 98.7 | 56 | 89 | 68.2 |
| 8/11/2022 | 6.25 | 222 | 117 | 1.0 | 1.6 | 83 | 98.6 | 63 | 82 | 68.5 |
| 8/12/2022 | 6.29 | | | | | | | 57 | 81 | |
| 8/13/2022 | 6.01 | | | | | | | 66 | 82 | |
| 8/14/2022 | 6.07 | | | | | | | 67 | 81 | |
| 8/15/2022 | 6.11 | 270 | | | 1.2 | 61 | 97.3 | 66 | 83 | 69.4 |
| 8/16/2022 | 5.78 | 232 | 111 | 1.9 | 2.0 | 96 | 94.5 | 63 | 84 | 68.4 |
| 8/17/2022 | 6.01 | 292 | | | 2.9 | 145 | 96.0 | 60 | 86 | 69.2 |
| 8/18/2022 | 6.26 | 265 | | 3.2 | 3.4 | 178 | | 58 | 88 | 68.5 |
| 8/19/2022 | 6.25 | | | | | | | 66 | 86 | |
| 8/20/2022 | 11.98 | | | | | | | 65 | 77 | |
| 8/21/2022 | 8.43 | | | | | | | 65 | 84 | |
| 8/22/2022 | 7.29 | 148 | | | 1.7 | 103 | 94.3 | 62 | 88 | 68.7 |
| 8/23/2022 | 6.73 | 177 | 152 | 1.6 | 1.8 | 101 | 96.2 | 60 | 89 | 68.9 |
| 8/24/2022 | 6.47 | 270 | | | 1.8 | 97 | 97.9 | 62 | 88 | 69.4 |
| 8/25/2022 | 8.18 | 164 | 95 | 1.5 | 1.6 | 109 | 95.9 | 65 | 84 | 69.1 |
| 8/26/2022 | 7.22 | | | | | | | 61 | 84 | |
| 8/27/2022 | 6.58 | | | | | | | 57 | 89 | |
| 8/28/2022 | 6.79 | | | | | | | 69 | 89 | |
| 8/29/2022 | 8.19 | 200 | | | 1.7 | 116 | 97.6 | 70 | 86 | 69.6 |
| 8/30/2022 | 7.33 | 159 | 80 | 0.8 | 1.5 | 92 | 96.2 | 61 | 83 | 69.4 |
| 8/31/2022 | 6.67 | 168 | | | 1.6 | 89 | 98.2 | 57 | 88 | 69.1 |
| Minimum | 5.78 | 148 | 80 | 0.6 | 0.60 | 35 | 94.3 | 56 | 77 | 67.9 |
| Maximum | 11.98 | 307 | 152 | 3.2 | 3.40 | 178 | 98.8 | 76 | 97 | 69.6 |
| Total | 219.25 | 4,387 | 922 | 12.2 | 27.60 | 1,567 | 1,750.2 | 1,306 | 2,672 | 1,305.7 |
| Average | 7.07 | 231 | 115 | 1.4 | 1.45 | 82 | 97.2 | 65 | 86 | 68.7 |

Monthly Operations Report Page 4

| | Tertiary Flow | Influent TSS | Primary Clarifier TSS | Intermediate Clarifier TSS | Tertiary Effluent TSS | Tertiary Effluent TSS Load | TSS Removal % | Influent pH | Primary Clarifier pH | Tertiary Effluent pH | Intermediate pH |
|-----------|---------------|--------------|-----------------------|----------------------------|-----------------------|----------------------------|---------------|-------------|----------------------|----------------------|-----------------|
| Date | MGD | mg/l | mg/l | mg/l | mg/l | lbs/day | % | SU | SU | SU | SU |
| 8/1/2022 | 7.35 | 250 | | | 1.0 | 61 | 99.6 | 7.7 | 7.3 | 7.1 | 7.1 |
| 8/2/2022 | 6.97 | 235 | 74 | 1.0 | 0.9 | 52 | 99.6 | 7.8 | 7.6 | 7.0 | 7.0 |
| 8/3/2022 | 7.06 | 225 | | | 0.8 | 47 | 99.6 | 7.6 | 7.3 | 7.0 | 7.1 |
| 8/4/2022 | 6.98 | 235 | 82 | 2.4 | 1.0 | 58 | 99.6 | 7.5 | 7.3 | 6.9 | 7.0 |
| 8/5/2022 | 6.70 | 170 | | | 0.7 | 39 | 99.6 | 7.5 | 7.3 | 6.9 | 7.0 |
| 8/6/2022 | 6.44 | 210 | | | 0.8 | 43 | 99.6 | | | | |
| 8/7/2022 | 7.21 | 240 | | | 0.9 | 54 | 99.6 | | | | |
| 8/8/2022 | 9.69 | 240 | | | 1.2 | 97 | 99.5 | 7.7 | 7.4 | 6.9 | 7.1 |
| 8/9/2022 | 7.36 | 240 | 103 | 3.3 | 1.2 | 74 | 99.5 | 7.7 | 7.6 | 6.9 | 7.1 |
| 8/10/2022 | 6.61 | 365 | | | 1.2 | 66 | 99.7 | 7.5 | 7.3 | 6.9 | 7.2 |
| 8/11/2022 | 6.25 | 225 | 68 | 4.2 | 1.1 | 57 | 99.5 | 7.4 | 7.2 | 6.9 | 7.1 |
| 8/12/2022 | 6.29 | 227 | | | 1.3 | 68 | 99.4 | 7.4 | 7.3 | 6.9 | 7.1 |
| 8/13/2022 | 6.01 | 313 | | | 1.7 | 85 | 99.5 | | | | |
| 8/14/2022 | 6.07 | 310 | | | 1.9 | 96 | 99.4 | | | | |
| 8/15/2022 | 6.11 | 256 | | | 2.2 | 112 | 99.1 | 7.5 | 7.3 | 6.9 | 7.1 |
| 8/16/2022 | 5.78 | 227 | 52 | 4.4 | 2.7 | 130 | 98.8 | 7.4 | 7.5 | 6.9 | 7.1 |
| 8/17/2022 | 6.01 | 387 | | | 3.2 | 160 | 99.2 | 7.5 | 7.3 | 7.0 | 7.1 |
| 8/18/2022 | 6.26 | 356 | | 9.8 | 4.4 | 230 | 98.8 | 7.5 | 7.5 | 7.0 | 7.1 |
| 8/19/2022 | 6.25 | 150 | | | 5.0 | 261 | 96.7 | 7.4 | 7.4 | 7.0 | 7.2 |
| 8/20/2022 | 11.98 | 210 | | | 11.5 | 1,149 | 94.5 | | | | |
| 8/21/2022 | 8.43 | 145 | | | 4.4 | 309 | 97.0 | | | | |
| 8/22/2022 | 7.29 | 160 | | | 2.7 | 164 | 98.3 | 7.5 | 7.4 | 7.1 | 7.2 |
| 8/23/2022 | 6.73 | 168 | 37 | 5.8 | 2.5 | 140 | 98.5 | 7.6 | 7.5 | 7.0 | 7.2 |
| 8/24/2022 | 6.47 | 308 | | | 2.8 | 151 | 99.1 | 7.4 | 7.3 | 7.0 | 7.2 |
| 8/25/2022 | 8.18 | 170 | 46 | 7.0 | 2.8 | 191 | 98.4 | 7.4 | 7.4 | 7.0 | 7.2 |
| 8/26/2022 | 7.22 | 268 | | | 2.3 | 139 | 99.1 | 7.5 | 7.5 | 7.0 | 7.2 |
| 8/27/2022 | 6.58 | 132 | | | 2.2 | 121 | 98.3 | | | | |
| 8/28/2022 | 6.79 | 165 | | | 2.1 | 119 | 98.7 | | | | |
| 8/29/2022 | 8.19 | 216 | | | 1.9 | 130 | 99.1 | 7.5 | 7.4 | 7.1 | 7.1 |
| 8/30/2022 | 7.33 | 160 | 35 | 1.2 | 1.7 | 104 | 98.9 | 7.5 | 7.7 | 7.0 | 7.1 |
| 8/31/2022 | 6.67 | 241 | | | 1.3 | 72 | 99.5 | 7.4 | 7.6 | 7.1 | 7.2 |
| Minimum | 5.78 | 132 | 35 | 1.0 | 0.7 | 39 | 94.5 | 7.4 | 7.2 | 6.9 | 7.0 |
| Maximum | 11.98 | 387 | 103 | 9.8 | 11.5 | 1,149 | 99.7 | 7.8 | 7.7 | 7.1 | 7.2 |
| Total | 219.25 | 7,204 | 497 | 39.1 | 71.4 | 4,581 | 3,065.8 | 172.9 | 170.4 | 160.5 | 163.8 |
| Average | 7.07 | 232 | 62 | 4.3 | 2.3 | 148 | 98.9 | 7.5 | 7.4 | 7.0 | 7.1 |

MONTHLY OPERATIONS REPORT PAGE**5**

| Date | Tertiary Flow MGD | Influent Ammonia-N mg/l | Tertiary Ammonia-N mg/l | Tertiary Effluent Ammonia-N Load lbs/day | Chlorine Residual mg/l | Fecal Coliform col/100ml |
|-----------|----------------------|----------------------------|----------------------------|---|---------------------------|-----------------------------|
| 8/1/2022 | 7.35 | 24.98 | 0.12 | 7.4 | | |
| 8/2/2022 | 6.97 | 17.96 | 0.12 | 7.0 | 0.02 | 1 |
| 8/3/2022 | 7.06 | 25.94 | 0.10 | 5.9 | 0.02 | 0 |
| 8/4/2022 | 6.98 | 21.98 | 0.13 | 7.6 | | |
| 8/5/2022 | 6.70 | | | | | |
| 8/6/2022 | 6.44 | | | | | |
| 8/7/2022 | 7.21 | 17.60 | 0.15 | 9.0 | | |
| 8/8/2022 | 9.69 | 19.36 | 0.34 | 27.5 | | |
| 8/9/2022 | 7.36 | 22.96 | 0.62 | 38.1 | 0.02 | 1 |
| 8/10/2022 | 6.61 | 21.32 | 0.17 | 9.4 | 0.02 | 1 |
| 8/11/2022 | 6.25 | 29.44 | 0.11 | 5.7 | | |
| 8/12/2022 | 6.29 | | | | | |
| 8/13/2022 | 6.01 | | | | | |
| 8/14/2022 | 6.07 | 20.32 | 0.25 | 12.6 | | |
| 8/15/2022 | 6.11 | 24.44 | 0.42 | 21.4 | | |
| 8/16/2022 | 5.78 | 20.40 | 2.42 | 116.8 | 0.02 | 0 |
| 8/17/2022 | 6.01 | | | | 0.02 | 0 |
| 8/18/2022 | 6.26 | 26.56 | 5.08 | 265.3 | | |
| 8/19/2022 | 6.25 | | | | | |
| 8/20/2022 | 11.98 | | | | | |
| 8/21/2022 | 8.43 | 13.64 | 4.06 | 285.3 | | |
| 8/22/2022 | 7.29 | 19.56 | 0.28 | 17.0 | | |
| 8/23/2022 | 6.73 | 21.66 | 0.22 | 12.3 | | |
| 8/24/2022 | 6.47 | 23.68 | 0.28 | 15.1 | 0.02 | 3 |
| 8/25/2022 | 8.18 | 15.32 | 0.24 | 16.4 | 0.02 | 3 |
| 8/26/2022 | 7.22 | | | | | |
| 8/27/2022 | 6.58 | | | | | |
| 8/28/2022 | 6.79 | 18.68 | 0.38 | 21.5 | | |
| 8/29/2022 | 8.19 | 22.72 | 0.26 | 17.8 | | |
| 8/30/2022 | 7.33 | 18.54 | 0.67 | 40.9 | 0.02 | 3 |
| 8/31/2022 | 6.67 | 22.04 | 0.10 | 5.6 | 0.02 | 3 |
| Minimum | 5.78 | 13.64 | 0.10 | 5.6 | 0.02 | 0.0 |
| Maximum | 11.98 | 29.44 | 5.08 | 285.3 | 0.02 | 3.0 |
| Total | 219.25 | 469.10 | 16.52 | 965.4 | 0.15 | 15.0 |
| Average | 7.07 | 21.32 | 0.75 | 43.9 | 0.02 | 1.9 |

SLUDGE DATA

| | | | |
|--|----|--------|-------------------|
| Primary Sludge | TS | 2.78 % | 1,051,400 Gallons |
| WAS to Thickener | TS | 2.53 % | 665,520 Gallons |
| TWAS to Digester 4 | TS | 5.80 % | 236,202 Gallons |
| Hauled Grease to Digs | TS | 9.31 % | 314,474 Gallons |
| <u>Anaerobically Digested Sludge Pumping</u> | | | |
| Drying Beds | TS | 2.70 % | 344,496 Gallons |
| BFP | TS | 2.48 % | 709,211 Gallons |
| Lagoons | TS | 2.50 % | 62,496 Gallons |
| Total | | | 1,116,203 Gallons |
| VS Destruction | | | 67.9 % |

Biosolids Disposal

| | | |
|----------------------|-----|--------------|
| Class A Distribution | Aug | 55 Dry Tons |
| Class B Hauling | Aug | Dry Tons |
| Total | Aug | 55 Dry Tons |
| Class A Distribution | YTD | 462 Dry Tons |
| Class B Hauling | YTD | 362 Dry Tons |
| Total | YTD | 824 Dry Tons |

ENERGY DATA

| | |
|-------------------------------------|----------------|
| Total Digester Gas Production | 5,073,142 SCF |
| Gas Volume per Volatile Solids Load | 8.6 Cu.Ft./Lb. |
| <u>Digester Gas Utilization</u> | |
| Heat Exchangers | 302,185 SCF |
| Dehumidification | 532,498 SCF |
| CHP | 3,869,486 SCF |
| Total | 4,704,170 SCF |
| Digester Gas Flared | 368,972 SCF |

Natural Gas Consumed

| | |
|------------------------------|-------------|
| WWTC | 4,533 SCF |
| MSB | 2,267 SCF |
| Chemical Feed | 100 SCF |
| 5006 Walnut | 0 SCF |
| Kilowatt-hours Generated CHP | 305,079 KWH |
| Net energy from Comed | 100,795 KWH |
| Monthly net energy | 103 MWH |

MISCELLANEOUS

| | | |
|------------------------|-----|------------------|
| Grit Removal | Aug | 20 Cu. Yds |
| Grit Removal | YTD | 200 Cu. Yds |
| Anaerobic Supernate | | 715,109 Gallons |
| Waste Activated Sludge | | 122,573 Gals/Day |
| City Water Consumed | | 173,785 Gallons |

Monthly Operations Report Page 6

| | Tertiary Flow | Influent Phosphorus | Tertiary Effluent Phosphorus | Influent Phosphorus Load | Tertiary Effluent Phosphorus Load | Phosphorus Removal % | Influent Nitrogen | Tertiary Effluent Nitrogen | Influent Nitrogen Load | Tertiary Effluent Nitrogen Load | Nitrogen Removal % | Tertiary Effluent Nitrate Grab |
|-----------|---------------|---------------------|------------------------------|--------------------------|-----------------------------------|----------------------|-------------------|----------------------------|------------------------|---------------------------------|--------------------|--------------------------------|
| Date | MGD | mg/l | mg/l | lbs/day | lbs/day | % | mg/l | mg/l | lbs/day | lbs/day | % | mg/l |
| 8/1/2022 | 7.35 | 6.14 | 3.58 | 376.9 | 219.4 | 41.7 | | | | | | |
| 8/2/2022 | 6.97 | | | | | | | | | | | |
| 8/3/2022 | 7.06 | | | | | | | | | | | |
| 8/4/2022 | 6.98 | | | | | | | | | | | 24.15 |
| 8/5/2022 | 6.70 | | | | | | | | | | | |
| 8/6/2022 | 6.44 | | | | | | | | | | | |
| 8/7/2022 | 7.21 | | | | | | | | | | | |
| 8/8/2022 | 9.69 | 5.25 | 4.66 | 395.4 | 376.4 | 11.2 | | | | | | |
| 8/9/2022 | 7.36 | | | | | | 34.3 | 20.9 | 2,145.0 | 1,282.9 | 40.2 | |
| 8/10/2022 | 6.61 | | | | | | | | | | | |
| 8/11/2022 | 6.25 | | | | | | | | | | | 20.25 |
| 8/12/2022 | 6.29 | | | | | | | | | | | |
| 8/13/2022 | 6.01 | | | | | | | | | | | |
| 8/14/2022 | 6.07 | | | | | | | | | | | |
| 8/15/2022 | 6.11 | 6.16 | 5.47 | 325.6 | 278.6 | 11.2 | | | | | | |
| 8/16/2022 | 5.78 | | | | | | | | | | | 16.06 |
| 8/17/2022 | 6.01 | | | | | | | | | | | |
| 8/18/2022 | 6.26 | | | | | | | | | | | |
| 8/19/2022 | 6.25 | | | | | | | | | | | |
| 8/20/2022 | 11.98 | | | | | | | | | | | |
| 8/21/2022 | 8.43 | | | | | | | | | | | |
| 8/22/2022 | 7.29 | | | | | | | | | | | |
| 8/23/2022 | 6.73 | | | | | | | | | | | |
| 8/24/2022 | 6.47 | | | | | | | | | | | |
| 8/25/2022 | 8.18 | | | | | | | | | | | |
| 8/26/2022 | 7.22 | | | | | | | | | | | |
| 8/27/2022 | 6.58 | | | | | | | | | | | |
| 8/28/2022 | 6.79 | | | | | | | | | | | |
| 8/29/2022 | 8.19 | | | | | | | | | | | |
| 8/30/2022 | 7.33 | | | | | | | | | | | 18.35 |
| 8/31/2022 | 6.67 | | | | | | | | | | | |
| Minimum | 5.78 | 5.25 | 3.58 | 325.6 | 219.4 | 11.2 | 34.3 | 20.9 | 2,145.0 | 1,282.9 | 40.2 | 16.06 |
| Maximum | 11.98 | 6.16 | 5.47 | 395.4 | 376.4 | 41.7 | 34.3 | 20.9 | 2,145.0 | 1,282.9 | 40.2 | 24.15 |
| Total | 219.25 | 17.55 | 13.71 | 1,097.9 | 874.4 | 64.1 | 34.3 | 20.9 | 2,145.0 | 1,282.9 | 40.2 | 78.81 |
| Average | 7.07 | 5.85 | 4.57 | 366.0 | 291.5 | 21.4 | 34.3 | 20.9 | 2,145.0 | 1,282.9 | 40.2 | 19.70 |

DMR Copy of Record

| | | | | | | | |
|---|--|--|--|---|--|---|--|
| Permit | | Permit #: IL0028380 | | Permittee: DOWNERS GROVE SANITARY DISTRICT | | Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER | |
| Major: Yes | | Permittee Address: 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515 | | Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515 | | | |
| Permitted Feature: 001 External Outfall | | Discharge: 001-0 COMBINED DISCHARGE FROM A01, B01, & C01 | | | | | |

| | | | | | | | |
|----------------------------------|--|---|--|-------------------------------|--|---------------------------------|--|
| Report Dates & Status | | Monitoring Period: From 08/01/22 to 08/31/22 | | DMR Due Date: 09/25/22 | | Status: NetDMR Validated | |
|----------------------------------|--|---|--|-------------------------------|--|---------------------------------|--|

Considerations for Form Completion
W0430300002 ; NUMBER OF DAYS OF DISCHARGE.COMBINED OUTFALLS: A01-MIXING CHAMBER DISCHARGE TO E BR OF DUPAGE RIVER-EFFECTIVE WHEN FLOWS TO TRT PLT ARE GREATER THAN 22 MGD & EXCESS FLOW FAC IS IN OPERATION. 002 BECOMES OPERATIONAL WHEN 001, A01,& B01 EXCEED 30 MGD.

| | | | | | | | |
|------------------------------------|--|-----------------------------|--|-------------------------------|--|--------------------------------|--|
| Principal Executive Officer | | First Name: Amy | | Title: General Manager | | Telephone: 630-969-0664 | |
| | | Last Name: Underwood | | | | | |

No Data Indicator (NODI)
Form NODI: --

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | Quality or Concentration | | | | | | # of Ex. | Frequency of Analysis | Sample Type | | | |
|-------|--------------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|--------------------------|------------------|------------------|-------------|------------------|----------------|------------------|------------------------------------|--------------------------------|------------------------------------|--------------------------------|-----------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | | | | Value 3 | Units | |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 6.9 | = | 6.7 | = | 6.6 | 19 - mg/L | 0 | 03/DW - 3 Days Every Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | Req Mon MO AV MN | | Req Mon MN WK AV | | Req Mon DAILY MN | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 6.0 | = | 10.6 | 19 - mg/L | 0 | 04/07 - Four Per Week | CP - COMPOS | | | |
| | | | | | Permit Req. | | | | | | <= | 30.0 MO AVG | | <= | | 45.0 WKLY AVG | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 6.9 | | | = | 7.1 | 12 - SU | 0 | 05/DW - 5 Days Every Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | >= | 6.0 MINIMUM | | | <= | 9.0 MAXIMUM | | 12 - SU | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 2.3 | = | 4.4 | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | CP - COMPOS | | | |
| | | | | | Permit Req. | | | | | | <= | 30.0 MO AVG | | <= | | 45.0 WKLY AVG | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 0.75 | = | 5.08 | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | CP - COMPOS | | | |
| | | | | | Permit Req. | | | | | | | | | Req Mon MO AVG | | Req Mon DAILY MX | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 4.57 | = | 5.47 | 19 - mg/L | 0 | 03/30 - Three Per Month | CP - COMPOS | | | |
| | | | | | Permit Req. | | | | | | | | | Req Mon MO AVG | | Req Mon DAILY MX | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 0.02 | | | 19 - mg/L | 0 | 02/DW - Twice Every Discharge Week | GR - GRAB | | | |
| | | | | | Permit Req. | | | | | | <= | 0.75 MO AVG | | | | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | = | 3.0 | 13 - #/100mL | 0 | 02/DW - Twice Every Discharge Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | <= | 400.0 DAILY MX | 13 - #/100mL | | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | | = | 219.25 | 80 - Mgal/mo | | | | | | 0 | 99/99 - Continuous | | | |
| | | | | | Permit Req. | | | | | Req Mon MO TOTAL | 80 - Mgal/mo | | | | | | 99/99 - Continuous | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments
31 days of discharge. Zero days of discharge combined with A01 and zero days combined with C01.

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 07:45 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

DMR Copy of Record

| | | | |
|---------------------------|--|---------------------------|--|
| Permit | | | |
| Permit #: | IL0028380 | Permittee: | DOWNERS GROVE SANITARY DISTRICT |
| Major: | Yes | Permittee Address: | 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515 |
| Permitted Feature: | 002 External Outfall | Discharge: | 002-0 MIXING CHAMBER OVERFLOW TO ST JOSEPH CRK |
| Facility: | DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER | | |
| Facility Location: | 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515 | | |

| | | | |
|----------------------------------|---------------------------|----------------------|----------|
| Report Dates & Status | | | |
| Monitoring Period: | From 08/01/22 to 08/31/22 | DMR Due Date: | 09/25/22 |
| Status: | NetDMR Validated | | |

Considerations for Form Completion
W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

| | | | |
|------------------------------------|-----------|-------------------|-----------------|
| Principal Executive Officer | | | |
| First Name: | Amy | Title: | General Manager |
| Last Name: | Underwood | Telephone: | 630-969-0664 |

No Data Indicator (NODI)
Form NODI: --

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | | Quality or Concentration | | | | | # of Ex. | Frequency of Analysis | Sample Type | | |
|-------|--------------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|---------|-------------|----------|-----------------------|-------------|---------|-------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | | | | Value 3 | Units |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | |

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT
User: reeseberry

Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 07:45 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

DMR Copy of Record

| | | | |
|--|---------------------------|--------------------|--|
| Permit | | | |
| Permit #: | IL0028380 | Permittee: | DOWNERS GROVE SANITARY DISTRICT |
| Major: | Yes | Permittee Address: | 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515 |
| Permitted Feature: | 003 External Outfall | Discharge: | 003-0 EXCESS FLOW TO ST JOSEPH CREEK |
| Report Dates & Status | | | |
| Monitoring Period: | From 08/01/22 to 08/31/22 | DMR Due Date: | 09/25/22 |
| | | Status: | NetDMR Validated |
| Considerations for Form Completion | | | |
| W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS | | | |
| Principal Executive Officer | | | |
| First Name: | Amy | Title: | General Manager |
| Last Name: | Underwood | Telephone: | 630-969-0664 |
| No Data Indicator (NODI) | | | |
| Form NODI: | -- | | |

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | | Quality or Concentration | | | | | | # of Ex. | Frequency of Analysis | Sample Type | | |
|-------|--------------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|---------|----------------|---------|------------------|-----------------------|--------------------------------|--------------------------------|-----------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | | | | Units | |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | <= | 30.0 MO AVG | <= | 45.0 WKLY AVG | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | >= | 6.0 MINIMUM | | <= | 9.0 MAXIMUM | 12 - SU | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | <= | 30.0 MO AVG | <= | 45.0 WKLY AVG | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | Req Mon MO AVG | | Req Mon DAILY MX | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | <= | 0.75 MO AVG | | | 19 - mg/L | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | <= | 400.0 DAILY MX | 13 - #/100mL | DL/DS - Daily When Discharging | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 DOWNERS GROVE SANITARY DISTRICT

Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 07:46 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

DMR Copy of Record

| | | | |
|---------------------------|--|---------------------------|--|
| Permit | | | |
| Permit #: | IL0028380 | Permittee: | DOWNERS GROVE SANITARY DISTRICT |
| Major: | Yes | Permittee Address: | 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515 |
| Permitted Feature: | A01 External Outfall | Discharge: | A01-0 EXCESS FLOW FROM EXCESS FLOW CLARIFIERS |
| Facility: | DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER | | |
| Facility Location: | 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515 | | |

| | | | |
|----------------------------------|---------------------------|----------------------|----------|
| Report Dates & Status | | | |
| Monitoring Period: | From 08/01/22 to 08/31/22 | DMR Due Date: | 09/25/22 |
| Status: | NetDMR Validated | | |

Considerations for Form Completion
W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

| | | | |
|------------------------------------|-----------|-------------------|-----------------|
| Principal Executive Officer | | | |
| First Name: | Amy | Title: | General Manager |
| Last Name: | Underwood | Telephone: | 630-969-0664 |

No Data Indicator (NODI)
Form NODI: --

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | | Quality or Concentration | | | | | # of Ex. | Frequency of Analysis | Sample Type | | | |
|-------|--------------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|---------|-------------|----------|--------------------------------|--------------------------------|------------------|------------------|-----------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | | | | Value 3 | Units | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | | | 19 - mg/L | |
| | | | | | Value NODI | | | | | | | | | | | C - No Discharge | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon MO AVG | Req Mon DAILY MX | 19 - mg/L |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | C - No Discharge | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | CN - CONTIN | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon MO TOTAL | 80 - Mgal/mo | |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | | |

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 07:46 (Time Zone: -05:00)

Report Last Signed By
User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

| | | | | | | | | | | | | | | | | | | | | |
|-------|--|--------------------|---|----|-------------|----|----------------|----|------------------|-----------|----|----------------|------------------|--------------|---------------|-----------|---------------------------|---------------------------|---------------------------|-------------|
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample | = | 7.07 | = | 11.98 | 03 - MGD | | | | | | | | 99/99 - Continuous | | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon DAILY MX | 03 - MGD | | | | | | | 0 | 99/99 - Continuous | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 0.015 | 19 - mg/L | | | | | 02/DA - 2 Days Every Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | <= | 0.05 DAILY MX | 19 - mg/L | | | 0 | 02/DA - 2 Days Every Week | GR - GRAB | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 1.9 | = | 3.0 | 13 - #/100mL | | | 02/DA - 2 Days Every Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | <= | 200.0 GEO MEAN | Req Mon DAILY MX | 13 - #/100mL | | 0 | 02/DA - 2 Days Every Week | GR - GRAB | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | 0 | -- | Sample | = | 82.46 | = | 177.53 | 26 - lb/d | | = | 1.4 | = | 3.4 | 19 - mg/L | | | 04/07 - Four Per Week | CP - COMPOS |
| | | | | | Permit Req. | <= | 1835.0 MO AVG | <= | 3670.0 DAILY MX | 26 - lb/d | | <= | 10.0 MO AVG | <= | 20.0 DAILY MX | 19 - mg/L | | 0 | 02/DA - 2 Days Every Week | CP - COMPOS |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

| Parameter | | Monitoring Location | Field | Type | Description | Acknowledge |
|-----------|--------------------------------|---------------------|---|------|--|-------------|
| Code | Name | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | Quality or Concentration Sample Value 3 | Soft | The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. | Yes |

Comments

2 Excursions: Nitrogen, Ammonia Total (as N) daily maximum. 8/18/22 Nitrogen, Ammonia Total (as N) was 5.08 mg/L. 8/21/22 Nitrogen, Ammonia Total (as N) was 4.06 mg/L. Nitrogen, Ammonia Total (as N) excursions were caused by activated sludge process upset.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

DMR Copy of Record

| | | | |
|--------------------|--|--------------------|--|
| Permit | | | |
| Permit #: | IL0028380 | Permittee: | DOWNERS GROVE SANITARY DISTRICT |
| Major: | Yes | Permittee Address: | 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515 |
| Permitted Feature: | C01 External Outfall | Discharge: | C01-0 EXCESS FLOW FROM INTERMEDIATE CLARIFIER #1 |
| Facility: | DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER | | |
| Facility Location: | 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515 | | |

Report Dates & Status

| | | | | | |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 08/01/22 to 08/31/22 | DMR Due Date: | 09/25/22 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

| | | | | | |
|-------------|-----------|--------|-----------------|------------|--------------|
| First Name: | Amy | Title: | General Manager | Telephone: | 630-969-0664 |
| Last Name: | Underwood | | | | |

No Data Indicator (NODI)

Form NODI: --

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | | Quality or Concentration | | | | | # of Ex. | Frequency of Analysis | Sample Type | | | |
|-------|--------------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|---------|-------------|----------|--------------------------------|--------------------------------|------------------|------------------|-----------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | | | | Value 3 | Units | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | | | 19 - mg/L | |
| | | | | | Value NODI | | | | | | | | | | | C - No Discharge | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon MO AVG | Req Mon DAILY MX | 19 - mg/L |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | C - No Discharge | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | DL/DS - Daily When Discharging | CN - CONTIN | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | Req Mon MO TOTAL | 80 - Mgal/mo | |
| | | | | | Value NODI | | | | | | | | | | | | | C - No Discharge | | |

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2022-09-19 07:59 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

DMR Copy of Record

| | | | |
|--------------------|--|--------------------|--|
| Permit | | | |
| Permit #: | IL0028380 | Permittee: | DOWNERS GROVE SANITARY DISTRICT |
| Major: | Yes | Permittee Address: | 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515 |
| Permitted Feature: | INF Influent Structure | Discharge: | INF-L INFLUENT MONITORING |
| Facility: | DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER | | |
| Facility Location: | 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515 | | |

| | | | |
|----------------------------------|---------------------------|---------------|----------|
| Report Dates & Status | | | |
| Monitoring Period: | From 08/01/22 to 08/31/22 | DMR Due Date: | 09/25/22 |
| Status: | NetDMR Validated | | |

Considerations for Form Completion
W0430300002

| | | | |
|------------------------------------|-----------|------------|-----------------|
| Principal Executive Officer | | | |
| First Name: | Amy | Title: | General Manager |
| Last Name: | Underwood | Telephone: | 630-969-0664 |

No Data Indicator (NODI)
Form NODI: --

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | | Quality or Concentration | | | | | # of Ex. | Frequency of Analysis | Sample Type | |
|-------|--|-------------------------|----------|-------------|---------------------|---------|----------------|---------|------------------|--------------------------|---------|-------------|---------|-------------|-----------|-----------------------|-------------------------|-------------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | | | | Value 3 |
| 00310 | BOD, 5-day, 20 deg. C | G - Raw Sewage Influent | 0 | -- | Sample | | | | | | = | 231.0 | | | 19 - mg/L | 0 | 09/99 - See Permit | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | | | 19 - mg/L | | | |
| | | | | | Value NODI | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | G - Raw Sewage Influent | 0 | -- | Sample | | | | | | = | 232.0 | | | 19 - mg/L | 0 | 09/99 - See Permit | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | | | 19 - mg/L | | | |
| | | | | | Value NODI | | | | | | | | | | | | | |
| 00600 | Nitrogen, total [as N] | G - Raw Sewage Influent | 0 | -- | Sample | | | | | | | | = | 34.3 | 19 - mg/L | 0 | 01/30 - Monthly | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | | | 19 - mg/L | | | |
| | | | | | Value NODI | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | G - Raw Sewage Influent | 0 | -- | Sample | | | | | | | | = | 6.16 | 19 - mg/L | 0 | 03/30 - Three Per Month | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | | | 19 - mg/L | | | |
| | | | | | Value NODI | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | G - Raw Sewage Influent | 0 | -- | Sample | = | 7.04 | = | 11.87 | 03 - MGD | | | | | | 0 | 99/99 - Continuous | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon DAILY MX | 03 - MGD | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | |

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 08:01 (Time Zone: -05:00)

Report Last Signed By
User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2022-09-19 08:53 (Time Zone: -05:00)

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy Underwood, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: September 22, 2022

SUBJECT: August 2022 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department during August 2022.

Special projects in August included:

Primary Clarifier 9 – Lower Rail Replacement

The lower rails in the bottom of the tank were worn out and needed to be replaced. Replacing these rails requires torching off the old worn rails that are attached (welded) to a steel rail that is imbedded in the concrete floor of the tank. After the old rails were removed, we welded new 4" wide stainless steel rail plates onto the imbedded steel rails.

In addition to the lower rail replacements, all upper and lower wear shoes that are attached to the flights in the tank were also replaced. All this work was completed in-house by District maintenance staff. The stainless-steel rail material for this project was purchased from Napco Steel in the amount of \$4,927.65 and was included in last month's claim ordinance.

CHP Gas Cleaning System – Blower Replacement & Glycol Chiller Repairs

The gas compressor blower was worn out and needed to be replaced. This gas blower is one component of the Unison gas cleaning system for our CHP units. When we reached out to Unison to purchase a replacement, we were informed that the replacement blower was currently unavailable and that it wouldn't be available until May 2024 at a cost of \$2,786.16.

Since this lead time was completely unacceptable, and without this blower we would not be able to operate either of our CHP units, we had to find an equivalent that would work for our application. After a significant amount of research, we found the exact blower we needed at a company called PD Blowers, and it was in stock. Unfortunately, their price for this blower was significantly higher at \$4,141.00. Since there were no other options, we purchase the blower from PD Blowers.

The new blower has been installed by District staff and is operating as expected. As mentioned above, this blower is critical to the operation of the CHP units. With that said, we did not cancel the order with Unison for the other blower. Having a spare blower in-stock for future replacement is essential. We will budget for this expense in our FY23-24 budget plan.

In addition to the blower replacement, we also were experiencing some intermittent fault conditions on the glycol chiller that removes the moisture from the methane gas. A-Formula verified that the system was properly charged with refrigerant, replaced a faulty 3-pole contactor and found a few loose connections in the control circuit board. District staff also replaced the three (3) fuse holders that were bad (for the chiller) that were inside the main control cabinet. After these repairs the chiller was put back online and is operating properly. The total cost for this repair by A-Formula was \$580.00

Lab Air Make-up System for Fume Hood – A/C Condensing Units (2) Repairs

The two (2) 5-ton condensing units for the fresh air make-up system for the main fume hood were not operating/cooling properly. A-Formula found several issues with both condensing units. There was a clogged refrigerant filter dryer, a faulty TXV valve on the south condenser, both units needed to be recharged with refrigerant and the condenser fan motor & blade was replaced on the north unit. Both units are fully operational and operating as expected. The total cost for these repairs by A-Formula was \$2,084.84

Maintenance Services Building – HVAC Repair, Office Geothermal Unit

The geothermal unit for the MSB locker room & offices was not cooling. A-Formula found there was an open control wiring circuit for the second stage cooling. Also, they found the control contactor was intermittently dropping out. The wiring was repaired, the 24-volt contactor was replaced, and the unit was recharged with refrigerant. The total cost for these repairs by A-Formula was \$467.00.

Administration Center – North Window Lintel Replacement & Masonry Repairs

One of the building repair items that was recommended during the 2021 Administration Center Architectural & ADA building code review was the condition of the masonry and the support lintel above the windows on the north side of the building. The recommendation was to replace the rusted steel lintel with new, replace bricks as required to remove and replace the lintel, and cutting in masonry control joints to allow for expansion and contraction on either side of the lintel support beam. The engineer's estimated cost for this repair was \$18,000.00 - \$30,000.00.

We requested proposals for this work from three (3) masonry contractors that we have used on previous masonry projects at the WWTC; Able Masonry \$32,000.00, Grove Masonry \$31,512.00 & Grace Masonry \$22,980.00. The proposal from Grace Masonry also included selective brick replacement & tuckpointing on the south side of the building and cutting in a new control joint on the west side of the building.

During the replacement of the lintel, we discovered that some of the previous masonry repairs (that were made approximately 25 years ago) on the northwest corner of the building had cracked and the bricks were separating. This was very likely due to making those repairs (25 Years ago) and not cutting in control joints to allow for movement. We approved additional repairs and caulking on a T&M basis to repair the northwest corner of the building. The total cost for this extra repair was \$1,310.00.

All repair work has been completed by Grace Masonry at a total cost of \$24,290.00.

In addition to the lintel replacement and the masonry work, we also had a window repair company come out to re-secure the top of the large window frame to the new steel lintel support beam. Some of the upper window framing was removed to allow access to drill and tap new anchors to secure the window frame to the new lintel. This work was completed by Willow Ridge Glass at a total cost of \$250.00.

Note: The large window on the west side of the building is also in need of these same repairs. We will budget for this expense in our FY23-24 budget plan.

Work Order Summary

Work Order Completion Dates from 8/2/2022 to 8/31/2022

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|---|-----------------|--|--|
| Troubleshoot ATS failure after power outage. | 02-Aug-22 | Liberty Park LS | Found the ATS controller & wiring harnesses were burnt up. Switch power manually to emergency generator and back to ComEd after power was restored. ASCO replaced controller & wiring harnesses configured and tested operation on 08/02/22. |
| 26,695/38,018 Hours. 1200 hour maintenance on engine & related equipmnt | 03-Aug-22 | CHP Engine Genset #2 | Performed 1,200 hour maintenance on engine. Cleaned up oil on floor from worsening engine leak. |
| Primary 7-9 shear pin and hub maintenance | | Primary Clarifier 7 Primary Clarifier 8 Primary Clarifier 9 | Remove shear pin and ensure that hub spins freely. Fully lubricate hub. |
| Replace the seal water control solenoid that wasn't fully opening. | 04-Aug-22 | Digester 4 - 5 Sl Recrc Pmp 6 | Replace the solenoid and purchase a spare for stock. |
| Check, Remove,Clean. Grease-debris from wells | 05-Aug-22 | Excess Flow Pump Station Raw Sewage Pump Station | |
| Check All Fluids In The Equipment Listed Below | 08-Aug-22 | 2009 Sterling LT 7500 2013 Wheel Loader #334 2014 AUGER-DAWG G-30 4D091 2014 Freightliner M2106 6 yd d 2015 Wheel Loader #332 2017 Deere 544K Wheel Loader 2019 Skid Steer 4 inch EBARA Pump (Old Jaeger) 6 in CH&E DSL TRSH PMP PERKIN 6 in CHE Diesel Trash Pump C/P 6 in JAEGER PUMP (FORD) | Splines on drive ring are stripped, replaced drive ring with new splined hub. |
| Replaced stripped splines on drive ring hub | | | |
| Check All Fluids In The Equipment Listed Below | | | |
| Check STR 700, 721, 741, clean as needed. | | CHP Gas Cleaning System | |
| 2 Month grease of new WAS pump #2 | | Conc. Tank Thickener Pump 2 | |
| By-Weekly Fluid and Misc. Check of Generators | | Emergency Generator 1 Emergency Generator 2 Emergency Generator 3 | |
| Grease Raw Sewage And Excess Flow Pumps | | Excess Flow Pump 06 Excess Flow Pump 07 Excess Flow Pump 08 | |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|---|-----------------|-------------------------------|--|
| | | Excess Flow Pump 09 | |
| Quartely Flow Test In Maintenance Garage | | Maintenance Services Building | |
| Check All Fluids In The Equipment Listed Below | | Portable Generator 150 | |
| | | Portable Generator 200 | |
| | | Portable Generator 350 | |
| Grease Raw Sewage And Excess Flow Pumps | | Raw Sewage Pump 1 | |
| | | Raw Sewage Pump 2 | |
| | | Raw Sewage Pump 3 | |
| | | Raw Sewage Pump 4 | |
| | | Raw Sewage Pump 5 | |
| CLEAN TWAS POLYMER EFFLUENT STRAINER | | WAS Thickener Polymer System | |
| Check All Fluids In The Equipment Listed Below | | WWTC ODS Pump Air Compressor | |
| Repair bent mounting plate for auger #2 | 09-Aug-22 | 2004 AUGER-DAWG G-30 4D087 | Straightened mounting plate and welded cracks. |
| Repair cracks in interior upper level walls | | Bar Screen Building | Cleaned out cracks and filled with caulk. |
| Monthly Liquid Status of Under Ground Diesel Tank | 10-Aug-22 | Emerg Gen Diesel Storage Tank | |
| Top off with wood chips. | | WWTC Bio-Filter | Add wood chips to top off. |
| 3 Months Inspection on Electric Carts and Front End Loader | 11-Aug-22 | 2014 Club Car Carry-all #2 | |
| | | 2016 Club Car Carryall 300 | |
| | | 2019 Yamaha UMAX 2 AC (#3) | |
| Lubricate skid steer and attachment mechanisim | 12-Aug-22 | 2019 Skid Steer | |
| Operate Relief Valves On Heat Exchangers And Boilers | | Digester 1 Heat Exchanger | |
| | | Digester 2 Heat Exchanger | |
| Flush Pearth 2 with 3 oz of Kerosene/Oil mixture | | Digester 2 Mixing System | |
| Operate Relief Valves On Heat Exchangers And Boilers | | Digester 3 Heat Exchanger | |
| | | Digester 4 Heat Exchanger | |
| 500 Hour Oil Change on Pearth 4 | | Digester 4 Mixing System | |
| Operate Relief Valves On Heat Exchangers And Boilers | | Digester 5 Heat Exchanger | |
| | | Excess Flow Pump Station | |
| 4 MONTH GREASING FITTINGS ON GRIT CONVEYORS | | Grit Conveyor System | |
| Check HVAC filters upper & lower levels - Replace as needed | | Hobson Lift Station | Replace filters on both units. |
| Exercise Ratio Valve #2 | | Tunnel - System 2 RAS | |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|---|------------------------|---|---|
| Test for H2S at Unison Gas skid | 15-Aug-22 | CHP Gas Cleaning System | Raw gas H2S: 580 PPM, Treated gas discharge: 0PPM |
| Six Month Oil Change WAS Moyno Pumps Reducers | | Conc Tank Moyno Sludge Pump 1 Conc Tank Moyno Sludge Pump 3 | |
| Perform acid cleaning of OSEC internal components. | | Hypochlorite OSEC Generator | Flushed cells, cleaned with acid, flushed and then filled system. Top up tanks to verify complete. |
| Semi-Annual Greasing Of Various Equipment | 16-Aug-22 | Chlorine Contact Tank | |
| Unison shut down due to chiller fault and vessel liquid level alarm. | | CHP Gas Cleaning System | Checked circuit from Unison panel in dig.3 to chiller unit. Re terminated wiring and replaced "C" phase fuse holder with new from stock. A-Formula called to check on refrigerant levels, -OK. Ordered fuse holders for stock. Cleaned condensate drain system. |
| Oil Bell & Gosset Pumps | | Digester 1 Heat Exchanger Digester 2 Heat Exchanger | |
| Semi-Annual Greasing Of Various Equipment | | Digester 3 | |
| Oil Bell & Gosset Pumps | | Digester 3 Heat Exchanger Digester 4 Heat Exchanger | |
| Semi-Annual Greasing Of Various Equipment | | Digester 5 | |
| Oil Bell & Gosset Pumps | | Digester 5 Heat Exchanger | |
| Semi-Annual Greasing Of Various Equipment | | Excess Flow Clarifier 1 | |
| | | Excess Flow Clarifier 2 | |
| | | Excess Flow Clarifier 3 | |
| | | Excess Flow Clarifier 4 | |
| Oil Bell & Gosset Pumps | | Excess Flow Pump Station | |
| Semi-Annual Greasing Of Various Equipment | | Microstrain Wastewater Pump 1 Microstrain Wastewater Pump 2 | |
| Clean Office Roof Of All Debris | 17-Aug-22 | Administration Center | |
| 3 Month Oil Change On Int. Draw- off Valves compressor | | Interm Clarifier Sludge Bldg | |
| Monthly Cross Collector Check | | Primary Clarifier 3 Primary Clarifier 4 Primary Clarifier 5 Primary Clarifier 6 Primary Clarifier 7 Primary Clarifier 8 Primary Clarifier 9 | |
| Exercise both 24" primary influent ratio valves | | Tunnel From PS to Grit Tunnel/Chan Primary | |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|--|------------------------|--------------------------------|---|
| | | Clarifiers | |
| Replace coolant sample port. | 18-Aug-22 | Centex Stationary Generator | Isolated coolant lines and replaced coolant port with new. |
| Replace the Bird Cage level detector that failed. | | Earlston Lift Station | Replace the Bird Cage level detector that failed & Replace with a new unit from stock. Re-Order another level detector for stock. |
| Replace the 8" drain/mud valve on sand filter 1 & the drain channel | | Filter 1 | Remove the old non-functional drain valves and replace with new. |
| | | Filter 2 | |
| Remove 4 dead trees. | | Liberty Park LS | Under Cutters Trees Service remove 1 large maple, 1 Large Bradford Pear & 2 Small dead spruce trees. All 4 were complete removals including stump grinding. |
| Troubleshoot the office Geothermal unit not working. | | Maintenance Services Building | A-Formula found there was an open control wiring circuit for the second stage cooling. Also found the control contactor was intermittently dropping out. Repair wiring and replace the 24 volt contactor. |
| Replace block heater hoses with new. | | Northwest Stationary Generator | Replaced both jacket water heater hoses with new. |
| Purchase & Epoxy coat the new cross collector for future installation. | | Primary Clarifier 7 | |
| Turn on and run Chlorine Contact Tank sweep arm | 19-Aug-22 | Chlorine Contact Tank | |
| Check Hose Connections On #2 & #4 PEARTH Units | | Digester 2 Mixing System | |
| | | Digester 4 Mixing System | |
| By-Weekly Fluid and Misc. Check of Generators | 22-Aug-22 | Emergency Generator 1 | |
| | | Emergency Generator 2 | |
| | | Emergency Generator 3 | |
| 3 month Greasing of 3 AUMA Actuators | 23-Aug-22 | Aeration Tank 10 | |
| 3 MONTH GREASE OF BFP MOYNO PUMPS | | Belt Press Sludge Feed Pump 1 | |
| | | Belt Press Sludge Feed Pump 2 | |
| Install new ignition wires on CHP 1 | | CHP Engine Genset #1 | Ignition wires replaced 8-23-22 at 11,781 hours (CHP 1) |
| 2000 Hour Grease of the UNISON BLOWER MOTOR | | CHP Gas Cleaning System | |
| 3 month Greasing of 3 AUMA Actuators | | Digester 1 Mixing Pump | |
| 2000 Hour Grease of Plant Effluent Pumps | | Plant Effluent Water Pump #2 | |
| 3 Month Grease- Secondaries 1 & | | Secondary Clarifier 1 | |
| | | Secondary Clarifier 2 | |
| Change Oil On Gear Reducers For Belt Press Unit & Conveyors | 24-Aug-22 | Belt Filter Press | |
| | | Belt Press Sludge Conveyor | |
| Replace the UPS unit in the Unison control panel. | 25-Aug-22 | CHP Gas Cleaning System | Remove the old & Install the new UPS unit for the control panel. |
| Exercising of bar screen sluice gates 1 and 2 | 26-Aug-22 | Bar Screen 1 | |
| | | Bar Screen 2 | |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|--|-----------------|---|---|
| Exercise of Excess Influent and Effluent Gates | | Excess Flow Clarifier 1 Excess Flow Clarifier 2 Excess Flow Clarifier 3 Excess Flow Clarifier 4 | |
| Change Filters On Grit Blowers 1,2,3. | | Grit Blower 1 Grit Blower 2 Grit Blower 3 Kaeser | |
| Grease Bearings On Grit Blowers #1-#3 With Hi-Temp Grease | 29-Aug-22 | Grit Blower 1 Grit Blower 2 | |
| Grease Pump Bearings on 1-6 RAS pumps | | RAS Pump 1 RAS Pump 2 RAS Pump 3 RAS Pump 4 RAS Pump 5 RAS Pump 6 | |
| Replace Discharge Force Main Air Relief Valves (2) | 30-Aug-22 | Centex Discharge Force Main Hobson Discharge Force Main | Replace all 2 combination air relief valves on the force main with reconditioned units. |
| Check both condensing units air makeup system for the east lab fume hood | | Laboratory | A-Formula found several issues with both condensing units. Clogged refrigerant filter dryer, replaced TXV valve, evacuate south condenser, recharge both units, replace condenser fan motor & blade on the north unit. Both units tested & fully operational. |
| Replace Discharge Force Main Air Relief Valves (2) | | Wroble Discharge Force Main | Replace both combination air relief valves on the force main with reconditioned units. |
| 3 Month Oil Change Blower #4 | 31-Aug-22 | Aeration Blower 04 | |
| Exercise valves at Belt Press Building | | Belt Filter Press Belt Filter Press Building Belt Press Feed Sludge Pits Belt Press Polymer Mix System Belt Press Sludge Conveyor Belt Press Sludge Feed Pump 1 Belt Press Washwater System | |
| Replace Unison skid blower with new. Prepare used unit for storage. | | CHP Gas Cleaning System | Removed old blower, removed reusable fittings and prepared to store. Installed old fittings on new blower and installed. Verified operation. |
| 2 MONTH EXERCISE OF W.A.S. MOYNO PUMPS 1 AND 3 | | Conc Tank Moyno Sludge Pump 1 Conc Tank Moyno Sludge Pump 3 | |
| Semi-Annual Oil Change Gear Reducer PEARTH Units #2 | | Digester 2 Mixing System | |
| Monday, September 19, 2022 | | | |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|--|------------------------|--------------------------------|---|
| Replace Discharge Force Main Air Relief Valves (3) | | Northwest Discharge Force Main | Replace all 3 combination air relief valves on the force main with reconditioned units. |

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: September 12, 2022

TO: Amy Underwood
General Manager

FROM: Robert Swirsky
Sewer System Maintenance Supervisor

RE: Monthly Report – August 2022

| | | | |
|----|--|-----------|--------------|
| 1. | JULIE Line Markings: | Current | Year to Date |
| | Received | 1203 | 8639 |
| | In District | 1097 | 8090 |
| | Marked | 259 | 1682 |
| | Man Hours | 120 | 692 |
| 2. | Building Service: | Current | Year to Date |
| | a. BSSRAP TV Inspections | 27 | 176 |
| | b. Emergency BSSRAP Repairs | 12 | 99 |
| | c. Total BSSRAP Repairs | 20 | 144 |
| | d. I&I inspections | 08 | 09 |
| | e. I&I C.O. installation | 00 | 00 |
| | f. Replace broken cleanout caps | 00 | 00 |
| | g. OHSP TV Inspections | 00 | 03 |
| | h. Post Rodding TV | 01 | 44 |
| 3. | Sewer backups: | Current | Year to Date |
| | a. Public sewer | 00 | 07 |
| | b. Private sewer | 15 | 180 |
| | c. Surcharged main | 00 | 00 |
| | d. Pump station | 00 | 00 |
| | Total | 15 | 187 |
| | | Current | Year to Date |
| 4. | Sewer Cleaning (DGSD personnel): | 28104 Ft. | 223,850 Ft. |
| | a. Sewer Cleaning (outside contractors): | 0 Ft. | 345 Ft. |
| 5. | Main Sewer Televising (DGSD personnel): | 0 Ft. | 3,601 Ft. |
| | a. Sewer Televising (outside contractors): | 0 Ft. | 84,352 Ft. |
| 6. | LETS TV | 0 | 2 |
| 7. | Manhole inspections | 0 | 16 |

8. Sewer and manhole repairs and replacements by Uno Construction:
1L-059 to 1L-058, remove gas line cross bore from the mainline sewer.

9. Miscellaneous: (sewer system personnel)
 - a. Relocate Flow-Meters.
 - b. Upload Flow-Meters.
 - c. Completed Maple Grove, Gilbert Woods PM Cleaning.

CC: WDV, AES, JMW, RTJ, KJR, MS, CSS, MPG

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: September 09, 2022

TO: Amy R. Underwood
General Manager

FROM: Keith Shaffner
Sewer Construction Supervisor

RE: Monthly Report: Sewer Construction \ Code Enforcement – August 2022

| | | | |
|----|---|----------|--------------|
| 1. | Permits issued: | Current | Year to Date |
| | a. Single family | 6 | 40 |
| | b. Multiple family | 0 | 1 |
| | c. Commercial | 3 | 8 |
| | d. Repair | 3 | 9 |
| | e. Disconnection | <u>0</u> | <u>25</u> |
| | Total | 12 | 83 |
| 2. | Inspections made: | Current | Year to Date |
| | a. Connections | 8 | 55 |
| | b. Finals | 8 | 28 |
| | c. Repairs | 1 | 13 |
| | d. Disconnects | 5 | 28 |
| | e. Groundwork | 1 | 1 |
| | f. Walk-Thru | 0 | 0 |
| | g. Pre-connections | 1 | 5 |
| | h. Overhead Sewer Program | 0 | 1 |
| | i. Code Enforcement | 0 | 4 |
| | j. Lateral testing | <u>3</u> | <u>30</u> |
| | Total | 27 | 165 |
| 3. | New Sewer Extension Construction: | | |
| | None | | |
| 4. | New Sewer Extension Testing - air, deflection, manhole, and televising: | | |
| | None | | |
| 5. | Code Enforcement: | | |
| | None | | |

6. Plan & Permit Reviews:
 - a. 3811 Sterling – Single Family Home Review
 - b. 29 N. Washington – Single Family Home Review
 - c. 408 Sherman – Single Family Home Review
 - d. 5814 Middaugh - Single Family Home Review
 - e. 1404 Gilbert – Single Family Home Review
 - f. 4225 Belmont – Single Family Home Review
 - g. 1129 Curtiss – Single Family Home Review
 - h. 801 Burlington – Commercial Review

7. Building Sanitary Service Access Agreements:

- a. 5420 Webster– Downers Grove
- b. 5604 Sherman – Downers Grove
- c. 3811 Sterling – Downers Grove
- d. 4525 Belmont – Downers Grove

8. Illinois EPA Permits:

None

9. Waste Hauling Permits Issued:

None

10. Miscellaneous:

The Code Enforcement department has started to prepare material and tools to present to the public at the 2022 Open House. The department will be displaying the push cameras we use to inspect the sanitary sewer system. We will be emphasizing the importance of only flushing what should be flushed and how to properly maintain your sanitary service. Inspectors Danny Jasso, Oscar Avila and I will be at the Open House to answer any questions and demonstrate our exhibit.

CC: WDVb, AES, JMW, KJR, RTJ, MJS, CSS, RPS & MGP

Permits Issued: AUGUST 2022

| YEAR | PERMIT # | ADDRESS | STREET | CITY | ISSUE | TYPE | TAP FEE | INSP FEE |
|---------------|----------|---------|------------|------|-----------|--------|--------------------|-------------------|
| 2022 | 67 | 801 | BURLINGTON | DG | 8/3/2022 | COM | | |
| 2022 | 62 | 5420 | WEBSTER | DG | 8/4/2022 | SF-RB | | \$241.00 |
| 2022 | 74 | 5604 | SHERMAN | DG | 8/5/2022 | SF | \$3,563.00 | \$241.00 |
| 2022 | 79 | 3811 | STERLING | DG | 8/17/2022 | SF-RB | | \$241.00 |
| 2022 | 80 | 408 | SHERMAN | DG | 8/19/2022 | SF-RB | | \$241.00 |
| 2022 | 59 | 6801 | MAIN | DG | 8/19/2022 | COM | | \$400.00 |
| 2022 | 82 | 5814 | MIDDAUGH | DG | 8/19/2022 | SF-RB | | \$241.00 |
| 2022 | 76 | 2657 | OGDEN | DG | 8/25/2022 | COM | \$82,458.00 | \$400.00 |
| 2022 | 83 | 4525 | BELMONT | DG | 8/31/2022 | SF | \$3,563.00 | \$241.00 |
| 2022 | 78 | 126 S | LINCOLN | W | 8/2/2022 | REPAIR | | |
| 2022 | 77 | 6121 | CARPENTER | DG | 8/9/2022 | REPAIR | | |
| 2022 | 84 | 1129 | CURTISS | DG | 8/31/2022 | REPAIR | | |
| TOTAL: | | | | | | | \$89,584.00 | \$2,246.00 |

Permit Final Inspections: AUGUST 2022

| YEAR | PERMIT # | ADDRESS | STREET | CITY | FINAL |
|-------------|-----------------|----------------|---------------|-------------|--------------|
| 2021 | 105 | 5540 | WASHINGTON | DG | 8/4/2022 |
| 2021 | 44 | 5717 | HILLCREST | DG | 8/4/2022 |
| 2021 | 71 | 4509 | LEE | DG | 8/10/2022 |
| 2021 | 121 | 4524 | STERLING | DG | 8/12/2022 |
| 2022 | 17 | 4331 | ELM | DG | 8/24/2022 |
| 2021 | 80 | 5430 | BELMONT | DG | 8/24/2022 |
| 2021 | 74 | 4924 | OAKWOOD | DG | 8/29/2022 |
| 2021 | 103 | 4327 | FLORENCE | DG | 8/31/2022 |

Progress Report

To: Amy Underwood, General Manager
From: Reese Berry, Laboratory Supervisor
Date: September 20, 2022
Re: August 2022 Laboratory Report

DGSD had no excess flow sampling events August 2022. We had 2 permit excursions in August for Nitrogen, Ammonia Total (as N).

Permit Excursions:

In August we had an operations upset, which resulted in 2 Nitrogen, Ammonia Total (as N) excursions. Our daily maximum allowable discharge is 3.0 mg/L, but on 8/18 (5.08 mg/L) and 8/21 (4.06 mg/L) we were over the permitted concentration limit. We were back in compliance with our permit on August 22, 2022 and haven't had any excursions since 8/21.

Personnel:

During the month of August we advertised and began interviewing candidates for the open lab analyst position. We plan to locate the best 2-3 candidates from this initial pool of applicants and complete a second round of interviews during September. We plan to extend an offer for this position during the month of September.

I had a week of vacation planned prior to the opening of the lab analyst position. Stephanie was more than capable of operating the laboratory and completing any special requests during my absence.

Stephanie attended a wastewater conference during the month of August.

Surcharge:

Surcharge sampling will begin again at the end of September after we complete 2 weeks of biosolids sampling and testing for salmonella MPN. We have completed 2 weeks of sampling and will target 2 more weeks by the end of September.

C: WDVB, AES, JMW, KJR, RTJ, MJS, CSS, MGP

To: Amy Underwood, General Manager
From: Alex Bielawa, Staff Engineer
Re: Engineering Report for the Month August, 2022
Date: September 21, 2022

I. Planning Projects & Studies

A. Flow Monitoring

Collection of Cycle G data is ongoing. Analysis of Cycle F data is ongoing. Several flow meters were installed in downtown Downers Grove to capture flows in order to inform decisions on near-term I/I removal which is needed in anticipation of a new development being constructed downtown.

B. OSEC Generator Unit

The electrical issues are still being investigated by Baxter & Woodman and Concentric Integration.

C. Dewatering Press Pilot

PW Tech has submitted their report on the dewatering press pilot. District staff is reviewing the report. Huber, another dewatering press manufacturer, will also be conducting a weeklong pilot this fall.

D. Local Limits Evaluation

The report has been submitted to the EPA. District staff is awaiting any review comments.

E. WWTC & Lift Station Code Walk-Through

The walk-throughs for the WWTC and Lift Stations have been completed. I have been assisting Baxter & Woodman with calculating air changes to determine what classification each building is and if any improvements need to be made for ventilation. Please see the Baxter & Woodman Client Status Report for more information.

II. Design Projects

A. Curtiss Street Sewer Lining

Congressman Sean Casten was able to secure \$1,080,000 for the lining of both of the Curtiss Street trunk sewers through the federal government's Fiscal Year 2023

Appropriations package. The project funding will be administered through the EPA. Please see the Baxter & Woodman Client Status Report for more information.

B. Administration Building Improvements

The contract has been signed. I applied for the building permit through the Village of Downers Grove; OEMA is in the process of making the required changes before re-applying for the permit. Yad Construction has begun working on shop drawing submittals.

C. Administration Center Masonry Work

Grace Masonry has completed repairing the exterior lintel in the northwest corner of the Administration Center as well as cutting in masonry control joints in the northwest and southwest corners of the building. These improvements were recommended the Administration Center Code Review Study completed by Baxter & Woodman and OEMA in 2021. Please see Maintenance Supervisor Barta’s report for more information.

III. Construction Projects

A. Centex Lift Station Replacement

Berger Excavating Contractors, Inc. did not submit a Pay Request this month.

| | | | | |
|---|-------------------------------------|---------|---|-----------------------|
| A | Original Contract Sum | A | | \$1,455,000.00 |
| B | Net Change by Change Orders to Date | B | + | \$0.00 |
| C | Contract Sum to Date | A+B = C | | <u>\$1,455,000.00</u> |

| | | | | |
|---|------------------------------------|--------|---|--------------------|
| D | Total Completed and Stored to Date | D | | \$67,750.00 |
| E | Retainage | E | - | \$6,775.00 |
| F | Total Earned Less Retainage | D-E= F | | <u>\$60,975.00</u> |

| | | | | |
|---|--|-------------------|---|----------------------|
| G | Less Previous Certificates for Payment | Previous Payments | - | \$60,975.00 |
| H | Current Payment Due | F-G= H | | <u>\$0.00</u> |

A revised schedule as well as final approved shop drawings will be submitted over the next few weeks.

B. Outfall 001 Sanitary Sewer Repair

The District is awaiting an updated schedule from the Contractor since the aggregate strike has ended. The Contractor has continued to work on the access road back to the siphon in the woods. Additionally, tree removal has begun to allow the sewer televising contractor access so that the limits of the sagged section can be verified before ordering the pipe. The current lead time for the pipe is sixteen weeks. Please see the Baxter & Woodman Client Status Report for more information.

C. Painting Services

Work is ongoing in the Maintenance Garage as well as the upper level of the Bar Screen Building. Below are pictures before and after of the Maintenance Garage. Additional pictures will follow in the coming months as other sections are completed.



Figure 1: MSB before painting



Figure 2: MSB after painting

C: BOT, BOLI, CS & MGP

Downers Grove Sanitary District



Client Manager:

Derek Wold
 dwold@baxterwoodman.com
 815-444-3335

Project Status Report Issued On: 8/25/2022

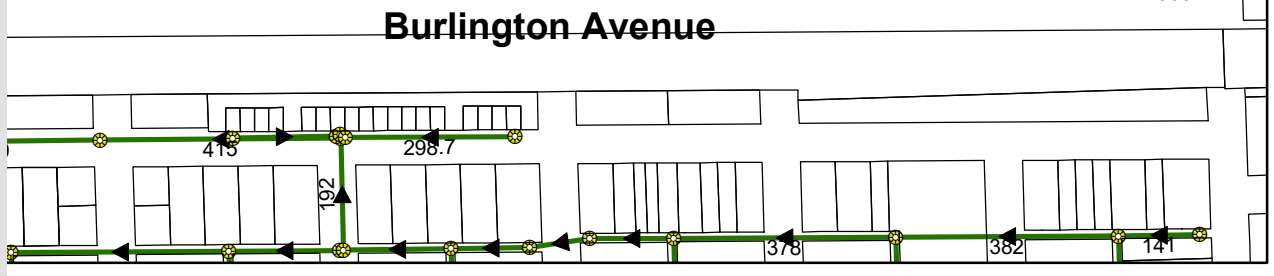
| Project Title/Job | Project Manager | Completion Date | Tasks Completed This Period | Tasks Pending This Period | Items Waiting On Client | Status Date |
|--|---|-----------------|--|---|--|-------------|
| Flow Monitoring Job Number: [050739.90] | Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com | 12/30/2019 | None. | Assist District with analysis. | None | 8/18/2022 |
| Sewer Modeling (Hobson PS, downtown Downers Grove and Westmont) Job Number: [071129.30] | Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com | 7/1/2008 | None. | None. | None. | 8/18/2022 |
| Nutrient Study RAS Denit Job Number: [120501.33] | Derek Wold 815-444-3335 dwold@baxterwoodman.com | 12/31/2020 | Prvided data for update of Biowin modeling | None. | Collect data to recalibrate the model. | 8/17/2022 |
| 1K-028 Flow Basin Rehabilitation Construction Services Job Number: [150980.62] | Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com | 4/30/2022 | Assist Project Closeout as needed | None | | 8/18/2022 |
| Outfall Sewer Sag CS Job Number: [180237.60] | Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com | 10/31/2022 | General Construction Administration, Construction Observation of Access Road | General Construction Administration, Construction Observation | | 8/18/2022 |
| Centex PS Replacement - CS Job Number: [181059.60] | Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com | 8/1/2022 | Updated schedule to begin construction in Spring 2023, continued periodic review of submittals, etc. | Submittal Review, Ongoing GCA/RPR Tasks. | | 8/18/2022 |
| Curtiss Street CIPP Lining Job Number: [211126.40] | Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com | 5/30/2022 | Sent bypass documents to Village, waiting on their review. Reviewed grant money requirements, waiting on further instruction from the state. | Waiting for further instructions regarding grant money requirements from State. | | 8/18/2022 |

| Project Title/Job | Project Manager | Completion Date | Tasks Completed This Period | Tasks Pending This Period | Items Waiting On Client | Status Date |
|--|---|-----------------|---|-------------------------------|--------------------------------------|-------------|
| Admin Building Remodel Job Number: [220125.40] | Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com | 6/30/2022 | Miscellaneous bidding assistance and construction coordination. | | | 8/17/2022 |
| 2022 Miscellaneous Engineering Services Job Number: [220150.00] | Derek Wold 815-444-3335 dwold@baxterwoodman.com | 12/31/2022 | No work this month. | Assistance as request. | None. | 8/17/2022 |
| WWTC & LS Code Review Job Number: [220537.30] | Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com | 8/31/2022 | WWTC Site Visit 2 and Lift Stations site visit prep and Visit. | Draft report for DGSD review. | Air change values for each building. | 8/17/2022 |

Downers Grove Sanitary District I&I Removal Target Area 1K-028 Parcel Status



- Legend**
- 2021 Phase III Mainlines Replaced
 - Failed Review
 - Replaced**
 - 2018 Replacement
 - 2016_Sanitary Sewers Replaced
 - Parcel Assessment/Real Estate
 - SWNETMHG
 - Manholes
 - Mainlines
 - 1K-028 Parcels**
 - Inspection Needed
 - Status**
 - 1A Has a Cleanout And All PVC Service
 - 1B All PVC Service No OSCO
 - 2A C/O Installed, Ready For Rehab
 - 2AI C/O Installed Needs Investigation
 - 2B Agreement Received Ready For C/O
 - 2BC Agreements Received, C/O & TV Needed
 - 2D BSSRAP/OHSP TV Done
 - 3A Released For Cleanout
 - 4 Inspection Done Agreements Needed
 - 4A Has An Existing Cleanout
 - 5 Scheduled For An Inspection
 - 5A Inspection Done Qualifies for BSSRAP
 - 5B Unable to TV
 - SBX Unable to TV, Violation
 - 5X Violation
 - Demolished/Vacant



STATUS OF 1K-028 INSPECTIONS AND AGREEMENT ACQUISITIONS

| Category | Inspections Scheduled | Inspections Completed | Application Received | Agreements Signed | Cleanout Installed | Service Rehab Done | Totals | Total as Percentage |
|----------|-----------------------|-----------------------|----------------------|-------------------|--------------------|--------------------|--------|---------------------|
| 1A | Y | Y | N | Y | Y | N/A | 19 | 8% |
| 1B | Y | Y | N | N | N | N/A | 1 | 0% |
| 2A | Y | Y | Y | Y | Y | N | 82 | 36% |
| 2B | Y | Y | Y | Y | Y | N | 17 | 7% |
| 2D | Y | Y | Y | N | N | N | 3 | 1% |
| 3A | Y | Y | Y | Y | N | N | 4 | 2% |
| 4 | Y | Y | N | N | N | N | 38 | 17% |
| 4A | N | N | N | N | N/A | N | 4 | 2% |
| 5 | Y | N | N | N | N | N | 0 | 0% |
| 5A | Y | Y | N | N | N | N | 11 | 5% |
| 5AX | Y | Y | N | N | N | N | 0 | 0% |
| 5B | Y | N | N | N | N | N | 12 | 5% |
| 5BX | Y | N | N | N | N | N | 1 | 0% |
| 0 | N | N | N | N | N | N | 30 | 13% |
| X | - | - | - | - | - | - | 5 | 2% |
| 5X | - | - | - | - | - | - | 1 | 0% |

| | |
|---------------------|------|
| 228 | 100% |
| 11% Complete | |

Category Description:

- 1A - PVC service with cleanout(may need to be sealed at the main)
- 1B - All PVC no Cleanout
- 2A - Cleanout installed, ready for rehab
- 2B - Ready for rehab
- 2D - BSSRAP/OHSP TV done
- 3A - Released to contractor for cleanout installation
- 4 - Inspection completed (Program application needed)
- 4A - Has an existing cleanout
- 5 - Inspections scheduled
- 5A - Inspection done - BSSRAP needed (qualifying defects or obstructions seen during TV)
- 5AX - Violation, BSSRAP needed
- 5B - Unable to TV
- 5BX - Unable to TV Violation
- 0 - Inspection Needed
- X - Demolished
- 5X - Inspection done - Violation not corrected

2015 Basin I&I Ranking = 1
 2016 Basin I&I Ranking = 27
 2018 Basin I&I Ranking = 6
 2019 Basin I&I Ranking = 20
 2020 Basin I&I Ranking = 15

Combined pit violations found and corrected to date - 0
 Storm pit violations found and corrected to date - 2

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE: 8/31/2022

| CASH BALANCES | | | PREVIOUS MONTH | | |
|-----------------------------|----------------|----------------------------|-----------------------------------|-------------------------|----------------------------|
| ACCOUNT NAME | ACCOUNT NUMBER | BALANCE PER BANK STATEMENT | TOTAL BALANCE PER BANK STATEMENTS | MONTHLY EARNINGS CREDIT | EARNINGS CREDIT PERCENTAGE |
| DEPOSIT | XXXXXXXX1116 | \$3,448,877.04 | | | |
| DISBURSEMENT | XXXXXXXX1111 | 115,539.59 | | | |
| FLEXIBLE BENEFITS | XXXXXXXX6025 | 13,128.55 | | | |
| PAYROLL | XXXXXXXX1117 | 148,650.61 | | | |
| PETTY CASH | XXXXXXXX1112 | 1,574.13 | | | |
| USER REFUNDS | XXXXXXXX1114 | 5,930.44 | | | |
| TOTAL - CASH AT BANK | | \$3,733,700.36 | \$3,523,959.74 | \$1,422.21 | 0.0404% |

| INVESTMENTS | | | | | | GENERAL CORPORATE FUND (01) | IMPROVEMENT FUND (02) | CONSTRUCTION FUND (03) | PUBLIC BENEFIT FUND (05) | SEWER EXTENSION FUND (71) | INTEREST EARNED AT MATURITY |
|------------------|-----------------------|---------|----------|--------------|------------------|-----------------------------|-----------------------|------------------------|--------------------------|---------------------------|-----------------------------|
| TYPE | FINANCIAL INSTITUTION | TERM | MATURITY | AMOUNT | ANNUAL INT. RATE | | | | | | |
| CD | TRISTATE CAPITAL BANK | ONGOING | 8/9/2023 | \$250,000.00 | 3.290% | | | \$250,000.00 | | | \$8,225.00 |
| TOTAL CDs | | | | \$250,000.00 | 3.290% | \$0.00 | \$0.00 | \$250,000.00 | \$0.00 | \$0.00 | \$8,225.00 |

| TYPE | FINANCIAL INSTITUTION | TERM | LAST ACTION DATE | AMOUNT* | CURRENT RATE OF RETURN | | | | | ESTIMATED ANNUAL RETURN | |
|--------------------------------------|------------------------------|---------|------------------|----------------|------------------------|----------------|--------------|--------------|--------|-------------------------|-------------|
| MM | AXOS BANK | ONGOING | 10/30/2020 | \$250,007.46 | 0.250% | \$250,007.46 | | | | \$625.02 | |
| MM | BANKFINANCIAL | ONGOING | 3/13/2013 | \$250,435.42 | 0.200% | \$250,435.42 | | | | \$500.87 | |
| MM | FIRST CITIZENS BANK**** | ONGOING | 11/9/2016 | \$250,000.00 | 0.400% | \$250,000.00 | | | | \$1,000.00 | |
| MM | EVERGREEN BANK GROUP | ONGOING | 2/23/2021 | \$250,160.05 | 0.600% | \$250,160.05 | | | | \$1,500.96 | |
| MM | LIMESTONE BANK | ONGOING | 1/25/2021 | \$251,139.35 | 0.510% | \$251,139.35 | | | | \$1,280.81 | |
| MM | LISLE SAVINGS BANK | ONGOING | 11/10/2020 | \$250,009.92 | 0.400% | \$250,009.92 | | | | \$1,000.04 | |
| MM | LUANA SAVINGS BANK | ONGOING | 10/29/2020 | \$250,838.41 | 1.950% | \$250,838.41 | | | | \$4,891.35 | |
| MM | PEOPLES BANK ** | ONGOING | 12/4/2012 | \$307.97 | 0.000% | \$307.97 | | | | \$0.00 | |
| MM | STEARNS BANK | ONGOING | 9/1/2015 | \$250,000.00 | 1.500% | \$250,000.00 | | | | \$3,750.00 | |
| MM | TRISTATE CAPITAL BANK | ONGOING | 4/16/2021 | \$11.91 | 0.600% | | | \$11.91 | | \$0.07 | |
| MM | OLD SECOND NATIONAL BANK *** | ONGOING | 11/20/2012 | \$5,144.36 | 0.020% | | | \$5,144.36 | | \$1.03 | |
| TOTAL MM ACCOUNTS | | | | \$2,008,054.85 | 0.725% | \$2,002,898.58 | \$0.00 | \$5,156.27 | \$0.00 | \$0.00 | \$14,550.15 |
| ILLINOIS FUNDS - MONEY MARKET | | | | \$3,190,076.15 | 2.180% | \$1,762,805.40 | \$867,236.42 | \$560,034.33 | \$0.00 | \$0.00 | \$69,543.66 |
| TOTAL - ALL INVESTMENTS | | | | \$5,448,131.00 | 1.695% | \$3,765,703.98 | \$867,236.42 | \$815,190.60 | \$0.00 | \$0.00 | \$92,318.81 |

TOTAL CASH AND INVESTMENTS \$9,181,831.36

*INVESTMENT ACCOUNT BALANCES ARE UPDATED QUARTERLY FOR THESE MONEY MARKET ACCOUNTS TO REFLECT NOMINAL INTEREST AMOUNTS EARNED EACH MONTH AND POSTED DIRECTLY TO THE INVESTMENT.

** FORMERLY KNOW AS ROYAL SAVINGS BANK
 *** FORMERLY KNOWN AS WEST SUBURBAN BANK

Board of Trustees
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Jeremy M. Wang
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General Manager
Amy R. Underwood, P.E.

Legal Counsel
Michael G. Philipp

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Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees
From: Amy R. Underwood, General Manager
Date: September 12, 2022
Subject: Treasurer's Report for August 2022

Attached please find the subject report that tracks income and expenses for the first four months of Fiscal Year 22-23.

Totals of expenses and income are shown on the following table:

| Year-to-date | Income | Expenses |
|---------------------|--------------------------|--------------------------|
| General Fund | \$ 3,936,291.37 (page 1) | \$ 3,103,122.80 (page 6) |
| Improvement Fund | \$ 92,822.13 (page 7) | \$ 7,628.75 (page 7) |
| Construction Fund | \$ 124,772.97 (page 8) | \$ 0.00 (page 9) |
| Public Benefit Fund | \$ 0.00 (page 10) | \$ 0.00 (page 10) |
| TOTAL | \$ 4,153,886.47 | \$ 3,110,751.55 |

C: BOLI, MGP, CS

=====

| Fund number & Description | Ending Fund Balance |
|-------------------------------|------------------------|
| ----- | |
| Fund 01 : GENERAL FUND | \$6,241,930.67 |
| Fund 02 : IMPROVEMENT FUND | \$1,385,220.86 |
| Fund 03 : CONSTRUCTION FUND | \$1,721,735.80 |
| Fund 05 : PUBLIC BENEFIT FUND | \$37,817.83 |
| Recap Totals | <hr/> \$9,386,705.16 |

TREASURER'S REPORT

DATE 09/08/22

MONTH ENDED 08/31/22

PAGE 1

FUND 01 GENERAL FUND

| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL | BUDGET | ACTUAL- | VAR | TOTAL |
|--------------------|--|------|-------------|----------|---------------|------------|-------------|---------|-------------|
| | | | CURRENT | CURRENT | | | BUDGET | | |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | VARIANCE | % | BUDGET |
| ===== | | | | | | | | | |
| DEPT 05 | REVENUES | | | | | | | | |
| 3000 | PROPERTY TAXES | | 94,346.12- | 13,801- | 822,046.55- | 721,938- | 100,108.55- | 13.9 | 1,339,900- |
| 3001 | USER RECEIPTS | | 304,276.64- | 283,571- | 1,154,428.81- | 1,121,912- | 32,516.81- | 2.9 | 3,692,500- |
| 3002 | SURCHARGES | | 28,153.04- | 23,961- | 123,376.15- | 94,798- | 28,578.15- | 30.2 | 312,000- |
| 3004 | PLAN REVIEW FEES | | .00 | 125- | .00 | 250- | 250.00 | 100.0- | 500- |
| 3005 | CONSTRUCTION INSPECTION FEES | | .00 | 120- | 315.56- | 240- | 75.56- | 31.5 | 500- |
| 3006 | PERMIT INSPECTION FEES | | 2,005.00- | 1,700- | 6,579.00- | 6,800- | 221.00 | 3.3- | 20,000- |
| 3007 | INTEREST ON INVESTMENTS | | 5,414.78- | 600- | 10,859.16- | 2,400- | 8,459.16- | 352.5 | 7,000- |
| 3013 | SAMPLING AND MONITORING | | 9,308.25- | 8,750- | 39,523.52- | 35,000- | 4,523.52- | 12.9 | 105,000- |
| 3014 | REPLACEMENT TAXES | | 4,940.87- | 5,100- | 108,325.65- | 30,900- | 77,425.65- | 250.6 | 85,000- |
| 3015 | MISCELLANEOUS INCOME | | 4,275.93- | 833- | 4,970.80- | 3,332- | 1,638.80- | 49.2 | 10,000- |
| 3020 | SALE OF PROPERTY | | 7,706.00- | 0 | 9,067.80- | 0 | 9,067.80- | .0 | 0 |
| 3021 | TELEVISION INSPECTION | | .00 | 0 | .00 | 0 | .00 | .0 | 150- |
| 3023 | PROPERTY LEASE PAYMENTS | | 3,016.46- | 2,967- | 12,065.84- | 11,868- | 197.84- | 1.7 | 35,600- |
| 3024 | MONTHLY SERVICE FEES | | 403,511.21- | 348,318- | 1,477,121.57- | 1,378,076- | 99,045.57- | 7.2 | 4,535,600- |
| 3027 | GREASE WASTE | | 21,501.75- | 17,500- | 69,605.10- | 70,000- | 394.90 | .6- | 210,000- |
| 3035 | INTERFUND TRANSFER | | .00 | 0 | .00 | 250,000 | 250,000.00- | 100.0- | 500,000 |
| 3040 | RENEWABLE ENERGY CREDITS | | .00 | 0 | 34,578.46- | 750- | 33,828.46- | 4,510.5 | 3,000- |
| 3094 | GRANTS AND INCENTIVES | | .00 | 0 | 63,427.40- | 70,000- | 6,572.60 | 9.4- | 1,150,000- |
| ===== | | | | | | | | | |
| DEPT 05 TOTALS | | | 888,456.05- | 707,346- | 3,936,291.37- | 3,298,264- | 638,027.37- | 19.3 | 11,006,750- |
| ===== | | | | | | | | | |
| FUND REVENUE TOTAL | | | 888,456.05- | 707,346- | 3,936,291.37- | 3,298,264- | 638,027.37- | 19.3 | 11,006,750- |
| ===== | | | | | | | | | |
| DEPT 11 | O & M EXPENSES - ADMINISTRATION | | | | | | | | |
| SECT A | SALARIES AND WAGES | | | | | | | | |
| A001 | TRUSTEES | | 4,500.00 | 4,500 | 9,000.00 | 9,000 | .00 | .0 | 18,000 |
| A002 | BOLI | | .00 | 225 | .00 | 450 | 450.00- | 100.0- | 900 |
| A003 | GENERAL MANAGEMENT | | 18,506.51 | 20,025 | 75,403.69 | 90,112 | 14,708.31- | 16.3- | 256,600 |
| A004 | FINANCIAL RECORDS | | 15,590.16 | 17,532 | 68,097.04 | 78,894 | 10,796.96- | 13.7- | 211,350 |
| A005 | ADMINISTRATIVE RECORDS | | 1,677.23 | 2,245 | 9,202.36 | 10,101 | 898.64- | 8.9- | 27,250 |
| A006 | ENGINEERING | | 1,492.77 | 428 | 3,724.20 | 1,926 | 1,798.20 | 93.4 | 5,150 |
| A007 | CODE ENFORCEMENT | | 30,196.02 | 29,214 | 124,407.34 | 131,464 | 7,056.66- | 5.4- | 367,100 |
| A008 | SAFETY ACTIVITIES | | 3,081.27 | 3,986 | 12,651.18 | 17,936 | 5,284.82- | 29.5- | 48,000 |
| A030 | BUILDING AND GROUNDS | | 160.07 | 102 | 720.14 | 469 | 251.14 | 53.6 | 1,350 |
| A085 | INCENTIVE | | .00 | 0 | 200.00 | 0 | 200.00 | .0 | 0 |
| A090 | WORK FROM HOME REIMBURSEMENT ALLOWANCE | | .00 | 433 | 75.00 | 1,949 | 1,874.00- | 96.2- | 5,200 |
| ===== | | | | | | | | | |
| SECT A TOTALS | | | 75,204.03 | 78,690 | 303,480.95 | 342,301 | 38,820.05- | 11.3- | 940,900 |
| ===== | | | | | | | | | |
| SECT B | OPERATIONS AND MAINTENANCE | | | | | | | | |
| B100 | ELECTRICITY | | 522.76 | 1,000 | 1,945.86 | 4,000 | 2,054.14- | 51.4- | 10,000 |
| B101 | NATURAL GAS | | 53.98 | 150 | 484.98 | 600 | 115.02- | 19.2- | 3,000 |
| B102 | WATER, GARBAGE AND OTHER UTILITIES | | .00 | 0 | 127.24 | 430 | 302.76- | 70.4- | 1,250 |
| B110 | BANK CHARGES | | 771.11 | 1,950 | 5,723.66 | 7,800 | 2,076.34- | 26.6- | 23,200 |
| B112 | COMMUNICATION | | 1,522.69 | 2,500 | 7,937.28 | 10,000 | 2,062.72- | 20.6- | 29,200 |
| B113 | EMERGENCY/SAFETY EQUIPMENT | | 554.58 | 2,500 | 5,240.33 | 11,000 | 5,759.67- | 52.4- | 30,000 |

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| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL- | BUDGET | VAR | TOTAL | |
|-----------------------------------|------------------------------------|------|------------|---------|------------|---------|-------------|--------|-----------|
| | | | CURRENT | CURRENT | | | | | ACTUAL |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | VARIANCE | | |
| B115 | EQUIPMENT/EQUIPMENT REPAIR | | 3,337.74 | 17,300 | 12,986.51 | 55,100 | 42,113.49- | 76.4- | 169,700 |
| B116 | SUPPLIES | | 274.92 | 600 | 1,219.16 | 2,400 | 1,180.84- | 49.2- | 6,800 |
| B117 | EMPLOYEE/DUTY COSTS | | 4,218.18 | 2,100 | 6,712.49 | 8,400 | 1,687.51- | 20.1- | 24,750 |
| B118 | BUILDING AND GROUNDS | | 3,684.71 | 8,750 | 19,998.40 | 29,550 | 9,551.60- | 32.3- | 167,000 |
| B119 | POSTAGE | | 1,019.35 | 630 | 2,117.75 | 2,520 | 402.25- | 16.0- | 7,550 |
| B120 | PRINTING/PHOTOGRAPHY | | 332.05 | 1,000 | 5,928.68 | 9,600 | 3,671.32- | 38.2- | 12,700 |
| B121 | USER BILLING MATERIALS | | 7,741.07 | 7,000 | 24,209.42 | 28,150 | 3,940.58- | 14.0- | 84,150 |
| B124 | CONTRACT SERVICES | | 15,080.00 | 12,525 | 32,982.64 | 50,100 | 17,117.36- | 34.2- | 150,300 |
| B137 | MEMBERSHIPS/SUBSCRIPTIONS | | 110.88- | 0 | 110.88 | 750 | 639.12- | 85.2- | 8,500 |
| SECT B TOTALS | | | 39,002.26 | 58,005 | 127,725.28 | 220,400 | 92,674.72- | 42.1- | 728,100 |
| SECT C VEHICLES | | | | | | | | | |
| C222 | GAS/FUEL | | 407.49 | 200 | 957.82 | 800 | 157.82 | 19.7 | 2,000 |
| C225 | OPERATION/REPAIR | | 8.33 | 650 | 24.99 | 1,300 | 1,275.01- | 98.1- | 2,600 |
| C226 | VEHICLE PURCHASES | | 18,637.00 | 0 | 18,637.00 | 0 | 18,637.00 | .0 | 12,000 |
| SECT C TOTALS | | | 19,052.82 | 850 | 19,619.81 | 2,100 | 17,519.81 | 834.3 | 16,600 |
| DEPT 11 TOTALS | | | 133,259.11 | 137,545 | 450,826.04 | 564,801 | 113,974.96- | 20.2- | 1,685,600 |
| DEPT 12 O & M EXPENSES - WWTC | | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | | |
| A006 | ENGINEERING | | 4,625.62 | 4,057 | 18,523.26 | 18,257 | 266.26 | 1.5 | 48,800 |
| A009 | OPERATIONS MANAGEMENT | | 9,517.96 | 8,349 | 36,231.10 | 37,572 | 1,340.90- | 3.6- | 108,550 |
| A010 | MAINTENANCE - BUDGET | | .00 | 58,266 | .00 | 250,045 | 27,285.96- | 10.9- | 696,250 |
| A011 | MAINTENANCE - WWTC | | 29,743.90 | 0 | 151,146.54 | 0 | .00 | .0 | 0 |
| A012 | MAINTENANCE - VEHICLES | | .00 | 0 | 308.00 | 0 | .00 | .0 | 0 |
| A013 | MAINTENANCE - ENERGY RECOVERY | | 5,000.03 | 0 | 5,199.13 | 0 | .00 | .0 | 0 |
| A014 | MAINTENANCE - ELECTRICAL | | 15,488.40 | 0 | 66,105.37 | 0 | .00 | .0 | 0 |
| A020 | WWTC - BUDGET | | .00 | 46,736 | .00 | 210,315 | 1,232.67- | .6- | 561,750 |
| A021 | WWTC - OPERATIONS | | 27,776.60 | 0 | 144,303.64 | 0 | .00 | .0 | 0 |
| A022 | WWTC - SLUDGE HANDLING | | 14,744.33 | 0 | 60,812.38 | 0 | .00 | .0 | 0 |
| A023 | WWTC - ENERGY RECOVERY | | 733.70 | 0 | 3,966.31 | 0 | .00 | .0 | 0 |
| A030 | BUILDING AND GROUNDS | | 6,943.99 | 8,947 | 31,172.88 | 39,867 | 8,694.12- | 21.8- | 107,250 |
| SECT A TOTALS | | | 114,574.53 | 126,355 | 517,768.61 | 556,056 | 38,287.39- | 6.9- | 1,522,600 |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | | |
| B100 | ELECTRICITY | | 6,812.85 | 4,500 | 26,051.56 | 18,000 | 8,051.56 | 44.7 | 53,600 |
| B101 | NATURAL GAS | | 406.36 | 200 | 3,242.19 | 1,500 | 1,742.19 | 116.2 | 10,400 |
| B102 | WATER, GARBAGE AND OTHER UTILITIES | | 3,155.94 | 2,500 | 22,144.29 | 17,000 | 5,144.29 | 30.3 | 48,400 |
| B103 | ODOR CONTROL | | .00 | 200 | .00 | 900 | 900.00- | 100.0- | 3,000 |
| B104 | FUEL - GENERATORS | | .00 | 3,125 | 14,250.00 | 6,250 | 8,000.00 | 128.0 | 12,500 |
| B112 | COMMUNICATION | | 1,156.15 | 2,000 | 7,575.68 | 8,900 | 1,324.32- | 14.9- | 24,900 |
| B113 | EMERGENCY/SAFETY EQUIPMENT | | 1,292.87 | 4,000 | 4,604.45 | 16,000 | 11,395.55- | 71.2- | 43,600 |
| B116 | SUPPLIES | | 1,367.73 | 2,600 | 5,769.78 | 10,550 | 4,780.22- | 45.3- | 31,350 |
| B117 | EMPLOYEE/DUTY COSTS | | 780.54 | 2,600 | 3,497.31 | 9,400 | 5,902.69- | 62.8- | 26,000 |

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| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL- | BUDGET | VAR | TOTAL | |
|-------------------------------------|---|------|------------|---------|--------------|-----------|-------------|--------|-----------|
| | | | CURRENT | CURRENT | | | | | ACTUAL |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | % | BUDGET | |
| B124 | CONTRACT SERVICES | | .00 | 0 | 222,594.00 | 222,600 | 6.00- | .0 | 222,600 |
| B130 | NPDES PERMIT FEES | | .00 | 0 | 53,000.00 | 53,000 | .00 | .0 | 53,000 |
| B131 | SLUDGE HAULING/DISPOSAL SERVICES | | .00 | 0 | 79,344.72 | 45,000 | 34,344.72 | 76.3 | 85,000 |
| B400 | CHEMICALS - BUDGET | | .00 | 19,150 | .00 | 76,600 | 5,308.97- | 6.9- | 229,800 |
| B401 | CHEMICALS - DISINFECTION | | 4,858.85 | 0 | 33,740.16 | 0 | .00 | .0 | 0 |
| B402 | CHEMICALS - SLUDGE DEWATERING | | 6,266.84 | 0 | 18,681.76 | 0 | .00 | .0 | 0 |
| B404 | CHEMICALS - OTHER | | 18,869.11 | 0 | 18,869.11 | 0 | .00 | .0 | 0 |
| B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS | | 7,120.41 | 5,500 | 9,597.80 | 22,000 | 12,402.20- | 56.4- | 143,600 |
| B502 | EQPT/EQPT REPAIR - DISINFECTION | | 99.92 | 1,800 | 3,406.51 | 6,400 | 2,993.49- | 46.8- | 15,300 |
| B503 | EQPT/EQPT REPAIR - EXCESS FLOW | | 1,433.40 | 1,520 | 2,980.99 | 6,080 | 3,099.01- | 51.0- | 18,300 |
| B504 | EQPT/EQPT REPAIR - GRIT REMOVAL | | 203.75 | 3,520 | 684.35 | 14,080 | 13,395.65- | 95.1- | 42,300 |
| B505 | EQPT/EQPT REPAIR - INFLUENT PUMPING | | .00 | 5,020 | 28,301.13 | 20,080 | 8,221.13 | 40.9 | 60,300 |
| B506 | EQPT/EQPT REPAIR - PRIMARY TREATMENT | | 9,149.54 | 4,320 | 10,415.34 | 17,240 | 6,824.66- | 39.6- | 51,800 |
| B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT | | 6,609.66 | 13,820 | 8,959.38 | 55,240 | 46,280.62- | 83.8- | 165,800 |
| B508 | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION | | .00 | 440 | .00 | 1,780 | 1,780.00- | 100.0- | 5,300 |
| B509 | EQPT/EQPT REPAIR - SLUDGE DEWATERING | | 10,348.78 | 3,225 | 16,859.11 | 12,900 | 3,959.11 | 30.7 | 38,600 |
| B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | | 591.68 | 5,950 | 6,374.48 | 23,800 | 17,425.52- | 73.2- | 171,400 |
| B511 | EQPT/EQPT REPAIR - TERTIARY TREATMENT | | 1,826.00 | 7,190 | 3,707.40 | 28,760 | 25,052.60- | 87.1- | 86,300 |
| B512 | EQPT/EQPT REPAIR - WWTC GENERAL | | 2,619.04 | 3,460 | 9,786.34 | 13,840 | 4,053.66- | 29.3- | 41,600 |
| B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | | 18,227.48 | 22,550 | 43,626.06 | 90,200 | 46,573.94- | 51.6- | 350,650 |
| B801 | BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS | | .00 | 333 | .00 | 1,336 | 1,336.00- | 100.0- | 4,000 |
| B802 | BLDG AND GROUNDS - DISINFECTION | | .00 | 300 | .00 | 1,200 | 1,200.00- | 100.0- | 3,600 |
| B803 | BLDG AND GROUNDS - EXCESS FLOW | | .00 | 92 | .00 | 368 | 368.00- | 100.0- | 1,100 |
| B804 | BLDG AND GROUNDS - GRIT REMOVAL | | .00 | 133 | .00 | 536 | 536.00- | 100.0- | 1,600 |
| B805 | BLDG AND GROUNDS - INFLUENT PUMPING | | 43.97 | 4,160 | 249.17 | 16,640 | 16,390.83- | 98.5- | 49,960 |
| B807 | BLDG AND GROUNDS - SECONDARY TREATMENT | | .00 | 175 | 18.55 | 700 | 681.45- | 97.4- | 2,120 |
| B809 | BLDG AND GROUNDS - SLUDGE DEWATERING | | .00 | 1,260 | .00 | 5,020 | 5,020.00- | 100.0- | 15,100 |
| B810 | BLDG AND GROUNDS - SLUDGE DIGESTION | | .00 | 310 | 916.88 | 1,240 | 323.12- | 26.1- | 3,715 |
| B811 | BLDG AND GROUNDS - TERTIARY TREATMENT | | 4,110.06 | 663 | 4,286.18 | 2,656 | 1,630.18 | 61.4 | 7,960 |
| B812 | BLDG AND GROUNDS - WWTC GENERAL | | 19,489.28 | 23,460 | 35,067.45 | 93,840 | 58,772.55- | 62.6- | 321,595 |
| B813 | BLDG AND GROUNDS - WWTC UTILITIES | | .00 | 130 | .00 | 530 | 530.00- | 100.0- | 1,600 |
| SECT B TOTALS | | | 126,840.21 | 150,206 | 698,602.13 | 922,166 | 223,563.87- | 24.2- | 2,447,750 |
| SECT C VEHICLES | | | | | | | | | |
| C222 | GAS/FUEL | | 4,541.80 | 2,000 | 13,231.37 | 8,500 | 4,731.37 | 55.7 | 24,500 |
| C225 | OPERATION/REPAIR | | 103.24 | 700 | 1,297.69 | 2,900 | 1,602.31- | 55.3- | 8,500 |
| C226 | VEHICLE PURCHASES | | 17,403.00 | 0 | 17,403.00 | 16,000 | 1,403.00 | 8.8 | 59,000 |
| SECT C TOTALS | | | 22,048.04 | 2,700 | 31,932.06 | 27,400 | 4,532.06 | 16.5 | 92,000 |
| DEPT 12 TOTALS | | | 263,462.78 | 279,261 | 1,248,302.80 | 1,505,622 | 257,319.20- | 17.1- | 4,062,350 |
| DEPT 13 O & M EXPENSES - LABORATORY | | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | | |
| A009 | OPERATIONS MANAGEMENT | | 7,199.85 | 6,557 | 24,662.21 | 29,517 | 4,854.79- | 16.5- | 85,250 |
| A040 | LABORATORY - BUDGET | | .00 | 15,103 | .00 | 67,964 | 781.17- | 1.2- | 182,800 |
| A041 | LAB - WWTC | | 11,065.75 | 0 | 57,843.92 | 0 | .00 | .0 | 0 |

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| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL- | BUDGET | VAR | TOTAL |
|---------------------------------------|--|------|-----------|---------|------------|---------|------------|--------|
| | | | CURRENT | CURRENT | | | | |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | VARIANCE | |
| A042 | LAB - PRETREATMENT | | 468.71 | 0 | 3,846.70 | 0 | .00 | .0 |
| A043 | LAB - SURCHARGE PROGRAM | | 847.71 | 0 | 2,396.51 | 0 | .00 | .0 |
| A045 | LAB - SOLIDS | | 160.66 | 0 | 160.66 | 0 | .00 | .0 |
| A046 | LAB - AMMONIA | | 53.38 | 0 | 53.38 | 0 | .00 | .0 |
| A048 | LAB - ENERGY RECOVERY | | 887.70 | 0 | 2,881.66 | 0 | .00 | .0 |
| SECT A TOTALS | | | 20,683.76 | 21,660 | 91,845.04 | 97,481 | 5,635.96- | 5.8- |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | |
| B112 | COMMUNICATION | | 148.59 | 350 | 593.37 | 1,500 | 906.63- | 60.4- |
| B114 | CHEMICALS | | 2,981.67 | 2,100 | 8,555.92 | 8,400 | 155.92 | 1.9 |
| B115 | EQUIPMENT/EQUIPMENT REPAIR | | 202.19 | 3,000 | 2,071.37 | 12,000 | 9,928.63- | 82.7- |
| B116 | SUPPLIES | | 1,412.28 | 2,400 | 4,484.97 | 9,900 | 5,415.03- | 54.7- |
| B117 | EMPLOYEE/DUTY COSTS | | 531.99 | 460 | 1,037.27 | 1,820 | 782.73- | 43.0- |
| B122 | MONITORING EQUIPMENT | | .00 | 2,500 | .00 | 5,000 | 5,000.00- | 100.0- |
| B123 | OUTSIDE LAB SERVICES | | 232.15 | 2,000 | 5,539.57 | 8,000 | 2,460.43- | 30.8- |
| SECT B TOTALS | | | 5,508.87 | 12,810 | 22,282.47 | 46,620 | 24,337.53- | 52.2- |
| SECT C VEHICLES | | | | | | | | |
| C222 | GAS/FUEL | | 61.61 | 50 | 208.00 | 250 | 42.00- | 16.8- |
| C225 | OPERATION/REPAIR | | .00 | 75 | .00 | 150 | 150.00- | 100.0- |
| C226 | VEHICLE PURCHASES | | .00 | 0 | .00 | 0 | .00 | .0 |
| SECT C TOTALS | | | 61.61 | 125 | 208.00 | 400 | 192.00- | 48.0- |
| DEPT 13 TOTALS | | | 26,254.24 | 34,595 | 114,335.51 | 144,501 | 30,165.49- | 20.9- |
| DEPT 14 O & M EXPENSES - SEWER SYSTEM | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | |
| A006 | ENGINEERING | | 30.31 | 776 | 1,979.16 | 3,491 | 1,511.84- | 43.3- |
| A050 | SEWER MAINTENANCE - BUDGET | | .00 | 16,898 | .00 | 76,040 | 21,725.52 | 28.6 |
| A051 | SEWER MAINTENANCE | | 19,546.39 | 0 | 91,584.26 | 0 | .00 | .0 |
| A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | | 1,169.89 | 0 | 6,181.26 | 0 | .00 | .0 |
| A060 | INSPECTION - BUDGET | | .00 | 24,530 | .00 | 110,384 | 42,837.96- | 38.8- |
| A061 | INSPECTION - NEW CONSTRUCTION | | 277.35 | 0 | 1,818.25 | 0 | .00 | .0 |
| A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | | 3,369.51 | 0 | 20,853.69 | 0 | .00 | .0 |
| A063 | INSPECTION - PERMIT INSPECTIONS | | 403.80 | 0 | 4,221.22 | 0 | .00 | .0 |
| A064 | INSPECTION - MISCELLANEOUS | | 4,245.34 | 0 | 10,658.67 | 0 | .00 | .0 |
| A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | | 1,969.19 | 0 | 8,046.61 | 0 | .00 | .0 |
| A066 | INSPECTION - CODE ENFORCEMENT | | 5,485.25 | 0 | 21,947.60 | 0 | .00 | .0 |
| A070 | SEWER INVESTIGATIONS - BUDGET | | .00 | 128 | .00 | 576 | 1,693.01 | 293.9 |
| A072 | SEWER INVESTIGATIONS | | 166.41 | 0 | 2,269.01 | 0 | .00 | .0 |
| A090 | WORK FROM HOME REIMBURSEMENT ALLOWANCE | | .00 | 41 | .00 | 223 | 223.00- | 100.0- |
| SECT A TOTALS | | | 36,663.44 | 42,373 | 169,559.73 | 190,714 | 21,154.27- | 11.1- |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | |

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| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL- | ACTUAL- | VAR | TOTAL | |
|--|---|------|------------|---------|------------|-----------|-------------|---------|-----------|
| | | | CURRENT | CURRENT | | | | | BUDGET |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | % | BUDGET | |
| B112 | COMMUNICATION | | 573.09 | 1,100 | 2,257.05 | 4,600 | 2,342.95- | 50.9- | 13,400 |
| B113 | EMERGENCY/SAFETY EQUIPMENT | | 544.18 | 300 | 1,308.39 | 1,200 | 108.39 | 9.0 | 2,800 |
| B115 | EQUIPMENT/EQUIPMENT REPAIR | | 40.74 | 4,920 | 41,383.84 | 19,680 | 21,703.84 | 110.3 | 59,000 |
| B116 | SUPPLIES | | 97.40 | 400 | 647.93 | 1,600 | 952.07- | 59.5- | 4,650 |
| B117 | EMPLOYEE/DUTY COSTS | | 316.85 | 1,125 | 1,706.18 | 4,600 | 2,893.82- | 62.9- | 13,600 |
| B124 | CONTRACT SERVICES | | 55,139.50 | 8,750 | 126,724.40 | 35,000 | 91,724.40 | 262.1 | 105,000 |
| B127 | JULIE SYSTEM | | .00 | 0 | 3,982.91 | 4,025 | 42.09- | 1.1- | 16,100 |
| B128 | OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM | | 57.00 | 1,000 | 6,017.00 | 7,000 | 983.00- | 14.0- | 15,000 |
| B129 | REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE | | 1,000.00 | 1,000 | 3,541.00 | 4,000 | 459.00- | 11.5- | 12,000 |
| B900 | SEWER SYSTEM REPAIRS - BUDGET | | .00 | 305,830 | .00 | 827,490 | 605,862.26- | 73.2- | 3,796,600 |
| B901 | SEWER SYSTEM REPAIRS - I/I PROGRAM | | 500.50 | 0 | 16,281.31 | 0 | .00 | .0 | 0 |
| B902 | SEWER SYSTEM REPAIRS - REPLACEMENT | | 989.28 | 0 | 7,523.85 | 0 | .00 | .0 | 0 |
| B910 | SEWER SYSTEM REPAIRS - BSSRAP PROGRAM | | 54,437.08 | 0 | 193,670.94 | 0 | .00 | .0 | 0 |
| B913 | SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R | | .00 | 0 | 4,151.64 | 0 | .00 | .0 | 0 |
| SECT B TOTALS | | | 113,695.62 | 324,425 | 409,196.44 | 909,195 | 499,998.56- | 55.0- | 4,038,150 |
| SECT C VEHICLES | | | | | | | | | |
| C222 | GAS/FUEL | | 2,288.66 | 1,900 | 8,699.44 | 7,600 | 1,099.44 | 14.5 | 22,000 |
| C225 | OPERATION/REPAIR | | 64.99 | 600 | 451.54 | 2,400 | 1,948.46- | 81.2- | 7,000 |
| SECT C TOTALS | | | 2,353.65 | 2,500 | 9,150.98 | 10,000 | 849.02- | 8.5- | 29,000 |
| DEPT 14 TOTALS | | | 152,712.71 | 369,298 | 587,907.15 | 1,109,909 | 522,001.85- | 47.0- | 4,576,150 |
| DEPT 15 O & M EXPENSES - LIFT STATIONS | | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | | |
| A006 | ENGINEERING | | 30.31 | 570 | 300.50 | 2,563 | 2,262.50- | 88.3- | 6,850 |
| A009 | OPERATIONS MANAGEMENT | | 57.26 | 22 | 57.26 | 108 | 50.74- | 47.0- | 300 |
| A030 | BUILDING AND GROUNDS | | .00 | 59 | .00 | 266 | 266.00- | 100.0- | 750 |
| A080 | LIFT STATION MAINTENANCE | | 589.93 | 1,937 | 4,723.88 | 7,111 | 2,387.12- | 33.6- | 21,650 |
| SECT A TOTALS | | | 677.50 | 2,588 | 5,081.64 | 10,048 | 4,966.36- | 49.4- | 29,550 |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | | |
| B100 | ELECTRICITY | | 11,283.74 | 11,250 | 72,612.48 | 45,000 | 27,612.48 | 61.4 | 128,000 |
| B104 | FUEL - GENERATORS | | 1,739.14 | 900 | 1,787.74 | 1,950 | 162.26- | 8.3- | 3,750 |
| B112 | COMMUNICATION | | 153.27 | 600 | 1,139.33 | 2,400 | 1,260.67- | 52.5- | 6,300 |
| B113 | EMERGENCY/SAFETY EQUIPMENT | | .00 | 0 | .00 | 500 | 500.00- | 100.0- | 1,000 |
| B116 | SUPPLIES | | 23.74 | 100 | 52.64 | 200 | 147.36- | 73.7- | 300 |
| B520 | EQPT/EQPT REPAIR - BUTTERFIELD | | 229.63 | 181 | 229.63 | 724 | 494.37- | 68.3- | 2,175 |
| B521 | EQPT/EQPT REPAIR - CENTEX | | 229.63 | 163 | 299.30 | 652 | 352.70- | 54.1- | 1,950 |
| B522 | EQPT/EQPT REPAIR - COLLEGE | | 229.63 | 2,880 | 229.63 | 11,520 | 11,290.37- | 98.0- | 34,575 |
| B523 | EQPT/EQPT REPAIR - EARLSTON | | 229.63 | 162 | 296.43 | 648 | 351.57- | 54.3- | 1,940 |
| B524 | EQPT/EQPT REPAIR - HOBSON | | 229.63 | 2,920 | 6,768.83 | 11,680 | 4,911.17- | 42.1- | 35,000 |
| B525 | EQPT/EQPT REPAIR - LIBERTY PARK | | 6,079.63 | 390 | 6,079.63 | 1,560 | 4,519.63 | 289.7 | 4,660 |
| B526 | EQPT/EQPT REPAIR - NORTHWEST | | 229.63 | 1,820 | 391.49 | 7,280 | 6,888.51- | 94.6- | 21,850 |
| B527 | EQPT/EQPT REPAIR - VENARD | | 9,859.64 | 320 | 21,729.16 | 1,280 | 20,449.16 | 1,597.6 | 3,800 |

TREASURER'S REPORT

DATE 09/08/22
 FUND 01 GENERAL FUND

MONTH ENDED 08/31/22

PAGE 6

| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL | BUDGET | ACTUAL- | VAR | TOTAL |
|--|--|------|-------------|---------|--------------|-----------|---------------|--------|------------|
| | | | CURRENT | CURRENT | | | BUDGET | | |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | VARIANCE | % | BUDGET |
| B528 | EQPT/EQPT REPAIR - WROBLE | | 229.64 | 770 | 426.99 | 3,080 | 2,653.01- | 86.1- | 9,200 |
| B529 | EQPT/EQPT REPAIR - LIFT STATIONS GENERAL | | 286.27 | 5,030 | 1,248.59 | 20,120 | 18,871.41- | 93.8- | 60,400 |
| B820 | BLDG AND GROUNDS - BUTTERFIELD | | 172.25 | 0 | 516.75 | 0 | 516.75 | .0 | 0 |
| B821 | BLDG AND GROUNDS - CENTEX | | 216.35 | 0 | 560.85 | 0 | 560.85 | .0 | 0 |
| B823 | BLDG AND GROUNDS - EARLSTON | | 202.70 | 0 | 547.20 | 0 | 547.20 | .0 | 0 |
| B824 | BLDG AND GROUNDS - HOBSON | | 698.95 | 0 | 1,043.45 | 20,000 | 18,956.55- | 94.8- | 20,000 |
| B825 | BLDG AND GROUNDS - LIBERTY PARK | | 223.70 | 0 | 568.20 | 0 | 568.20 | .0 | 0 |
| B826 | BLDG AND GROUNDS - NORTHWEST | | 263.60 | 0 | 608.10 | 0 | 608.10 | .0 | 0 |
| B827 | BLDG AND GROUNDS - VENARD | | 216.35 | 0 | 560.85 | 5,000 | 4,439.15- | 88.8- | 5,000 |
| B828 | BLDG AND GROUNDS - WROBLE | | 223.70 | 0 | 568.20 | 0 | 568.20 | .0 | 8,250 |
| B829 | BLDG AND GROUNDS - LIFT STATIONS GENERAL | | .00 | 2,425 | .00 | 9,700 | 9,700.00- | 100.0- | 29,100 |
| SECT B TOTALS | | | 33,250.45 | 29,911 | 118,265.47 | 143,294 | 25,028.53- | 17.5- | 377,250 |
| DEPT 15 TOTALS | | | 33,927.95 | 32,499 | 123,347.11 | 153,342 | 29,994.89- | 19.6- | 406,800 |
| DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS | | | | | | | | | |
| SECT E INSURANCE AND EMPLOYEE BENEFITS | | | | | | | | | |
| E452 | LIABILITY/PROPERTY | | 6,573.00 | 0 | 225,880.99 | 231,000 | 5,119.01- | 2.2- | 231,000 |
| E455 | EMPLOYEE GROUP HEALTH | | 45,075.04 | 50,000 | 174,431.84 | 200,000 | 25,568.16- | 12.8- | 597,300 |
| E460 | IMRF | | 29,759.39 | 25,160 | 96,277.29 | 108,040 | 11,762.71- | 10.9- | 296,000 |
| E461 | SOCIAL SECURITY | | 18,571.12 | 20,825 | 81,814.07 | 89,425 | 7,610.93- | 8.5- | 245,000 |
| SECT E TOTALS | | | 99,978.55 | 95,985 | 578,404.19 | 628,465 | 50,060.81- | 8.0- | 1,369,300 |
| DEPT 17 TOTALS | | | 99,978.55 | 95,985 | 578,404.19 | 628,465 | 50,060.81- | 8.0- | 1,369,300 |
| DEPT 91 SA EXPENSE | | | | | | | | | |
| DEPT 91 TOTALS | | | .00 | 0 | .00 | 0 | .00 | 0 | |
| FUND EXPENSE TOTAL | | | 709,595.34 | 949,183 | 3,103,122.80 | 4,106,640 | 1,003,517.20- | 24.4- | 12,515,350 |
| FUND 01 TOTALS | | | 178,860.71- | 241,837 | 833,168.57- | 808,376 | 1,641,544.57- | 203.1- | 1,508,600 |

TREASURER'S REPORT

DATE 09/08/22
 FUND 02 IMPROVEMENT FUND

MONTH ENDED 08/31/22

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| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL | BUDGET | TOTAL |
|--------------------|---|------|------------|---------|------------|----------|-----------|
| | | | CURRENT | CURRENT | ACTUAL | BUDGET | TOTAL |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | BUDGET |
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| 3007 | INTEREST ON INVESTMENTS | | 1,375.63- | 20- | 3,710.82- | 90- | 250- |
| 3010 | TRUNK SEWER SERVICE CHARGES | | 49,571.00- | 7,500- | 89,111.31- | 30,000- | 90,000- |
| 3035 | INTERFUND TRANSFER | | .00 | 0 | .00 | 250,000- | 500,000- |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | 50,946.63- | 7,520- | 92,822.13- | 280,090- | 590,250- |
| ===== | | | | | | | |
| DEPT 30 | CAPITAL EXP - ARRA - LOAN REPAYMENTS | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 0 | .00 | 0 | 93,200 |
| ===== | | | | | | | |
| DEPT 30 | TOTALS | | .00 | 0 | .00 | 0 | 93,200 |
| ===== | | | | | | | |
| DEPT 36 | CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE | | | | | | |
| ===== | | | | | | | |
| DEPT 36 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 47 | CAPITAL EXP - CENTEX LIFT STATION UPGRADE | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 31,000 | .00 | 84,000 | 1,538,000 |
| 0504 | CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI | | 1,300.00 | 0 | 7,628.75 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 47 | TOTALS | | 1,300.00 | 31,000 | 7,628.75 | 84,000 | 1,538,000 |
| ===== | | | | | | | |
| DEPT 48 | CAPITAL - VENARD LIFT STATION UPGRADE | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 0 | .00 | 0 | 50,000 |
| ===== | | | | | | | |
| DEPT 48 | TOTALS | | .00 | 0 | .00 | 0 | 50,000 |
| ===== | | | | | | | |
| DEPT 74 | CAPITAL EXP - SEWER - UNSEWERED AREAS | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 0 | .00 | 0 | 500 |
| ===== | | | | | | | |
| DEPT 74 | TOTALS | | .00 | 0 | .00 | 0 | 500 |
| ===== | | | | | | | |
| FUND EXPENSE TOTAL | | | 1,300.00 | 31,000 | 7,628.75 | 84,000 | 1,681,700 |
| ===== | | | | | | | |
| FUND 02 | TOTALS | | 49,646.63- | 23,480 | 85,193.38- | 196,090- | 1,091,450 |
| ===== | | | | | | | |

TREASURER'S REPORT

DATE 09/08/22

MONTH ENDED 08/31/22

PAGE 8

FUND 03 CONSTRUCTION FUND

| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL | BUDGET | TOTAL |
|---------|---|------|------------|---------|-------------|---------|----------|
| | | | CURRENT | CURRENT | | | |
| | | | MONTH | MONTH | | | BUDGET |
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| 3007 | INTEREST ON INVESTMENTS | | 970.49- | 100- | 2,612.97- | 400- | 1,200- |
| 3009 | SEWER PERMIT FEES | | 86,021.00- | 20,833- | 122,160.00- | 83,332- | 250,000- |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | 86,991.49- | 20,933- | 124,772.97- | 83,732- | 251,200- |
| ===== | | | | | | | |
| DEPT 30 | CAPITAL EXP - ARRA - LOAN REPAYMENTS | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 0 | .00 | 0 | 28,900 |
| ===== | | | | | | | |
| DEPT 30 | TOTALS | | .00 | 0 | .00 | 0 | 28,900 |
| ===== | | | | | | | |
| DEPT 31 | CAPITAL EXP - WWTC - CHP BIOGAS | | | | | | |
| ===== | | | | | | | |
| DEPT 31 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 32 | CAPITAL EXP - WWTC - SECOND TURBOBLOWER | | | | | | |
| ===== | | | | | | | |
| DEPT 32 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 33 | CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING | | | | | | |
| ===== | | | | | | | |
| DEPT 33 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 34 | CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP | | | | | | |
| ===== | | | | | | | |
| DEPT 34 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 35 | CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2 | | | | | | |
| ===== | | | | | | | |
| DEPT 35 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 37 | CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2 | | | | | | |
| ===== | | | | | | | |
| DEPT 37 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 38 | CAPITAL EXP - WWTC - PROPERTY ACQUISITION | | | | | | |
| ===== | | | | | | | |
| DEPT 38 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 39 | CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT | | | | | | |

TREASURER'S REPORT

DATE 09/08/22

MONTH ENDED 08/31/22

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FUND 03 CONSTRUCTION FUND

| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL | BUDGET | TOTAL |
|---------|-------------------------------------|------|------------|---------|-------------|---------|----------|
| | | | CURRENT | CURRENT | | Y-T-D | |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | BUDGET |
| ===== | | | | | | | |
| DEPT 39 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 40 | CAPITAL EXP - WWTC - LOAN REPAYMENT | | | | | | |
| ===== | | | | | | | |
| DEPT 40 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND | EXPENSE TOTAL | | .00 | 0 | .00 | 0 | 28,900 |
| ===== | | | | | | | |
| FUND | 03 TOTALS | | 86,991.49- | 20,933- | 124,772.97- | 83,732- | 222,300- |
| ===== | | | | | | | |

TREASURER'S REPORT

DATE 09/08/22

MONTH ENDED 08/31/22

PAGE 10

FUND 05 PUBLIC BENEFIT FUND

| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL | BUDGET | TOTAL |
|---------|---|------|---------|---------|--------|--------|--------|
| | | | CURRENT | CURRENT | ACTUAL | BUDGET | TOTAL |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | BUDGET |
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 59 | CAPITAL EXP - SEWER - SEWER EXTENSIONS | | | | | | |
| ===== | | | | | | | |
| DEPT 59 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 65 | CAPITAL EXP - SEWER - REIMB FOR ADDED DEPTH | | | | | | |
| ===== | | | | | | | |
| DEPT 65 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND | EXPENSE TOTAL | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND | 05 TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |

TREASURER'S REPORT

DATE 09/08/22

MONTH ENDED 08/31/22

PAGE 11

FUND 71 SEWER EXTENSIONS ESCROW

| NUMBER | DESCRIPTION | COST | ACTUAL | BUDGET | ACTUAL | BUDGET | TOTAL |
|---------|---------------|------|---------|---------|--------|--------|--------|
| | | | CURRENT | CURRENT | ACTUAL | BUDGET | TOTAL |
| | | | MONTH | MONTH | Y-T-D | Y-T-D | BUDGET |
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 92 | SEWER EXPENSE | | | | | | |
| ===== | | | | | | | |
| DEPT 92 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND | EXPENSE TOTAL | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND 71 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |

Silver AWARD



The National Association of Clean Water Agencies is pleased to recognize

Downers Grove Sanitary District, IL
Downers Grove Sanitary District Wastewater Treatment Center

in recognition of its complete and consistent permit compliance during the calendar year

2021

A handwritten signature in black ink that reads "Adam Krantz". The signature is written in a cursive style and is positioned above a horizontal line.

NACWA Chief Executive Officer



Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Jeremy M. Wang
Clerk



General Manager
Amy R. Underwood, P.E.

Legal Counsel
Michael G. Philipp

2710 Curtiss Street
P.O. Box 1412
Downers Grove, IL 60515-0703
Phone: 630-969-0664
Fax: 630-969-0827
www.dgsd.org

Providing a Better Environment for South Central DuPage County

August 24, 2022

Mr. Jay Patel
Regional Manager
Field Operations Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
Sent via e-mail: Jay.Patel@Illinois.gov

Re: NPDES Permit #IL00283080
Noncompliance Report

Dear Mr. Patel:

On August 18, 2022 and August 21, 2022, the Downers Grove Sanitary District Wastewater Treatment Center (WWTC or plant) had violations of a maximum daily discharge limitation on our B01 discharge. The ammonia measured in the composite samples were as follows in comparison to the permit limit:

| | |
|---------------------|---|
| 8/18/2022 | 5.08 mg/L NH ₄ ⁺ -N |
| 8/21/2022 | 4.06 mg/L NH ₄ ⁺ -N |
| Daily Maximum Limit | 3.00 mg/L NH ₄ ⁺ -N |

Both composite samples were collected from midnight to midnight.

The laboratory tests were completed the day after collection. I received the results from our laboratory mid-afternoon. As required by Standard Condition (12)(f) of our NPDES permit, I provided the 24-hour report of noncompliance on August 19, 2022 at 3:10 p.m. and on August 22, 2022 at 4:00 p.m. In both cases, I left a voice message in your voice mail box. This letter is the written submission required within five days per the same Standard Condition.

This violation was caused by an activated sludge process upset. The return activated sludge (RAS) was chlorinated on two occasions, approximately ten days apart, due to foam observed on the aeration tanks. After the second RAS chlorination, the sludge volume index (SVI) started to decrease, the mixed liquor suspended solids (MLSS) concentration decreased despite operators decreasing wasting and the effluent ammonia started to increase. The low SVI is indicative of a change in the microorganisms that were present in the activated sludge as it dropped to a level that is usually associated with pin floc or with anaerobic selectors. By August 21st, the ammonia removal had decreased to 70% in comparison to the typical average removal of 98%, despite having adequate hydraulic retention time and dissolved oxygen in the aeration tanks. The activated sludge was

checked under the microscope and did not appear healthy. The activated sludge sample contained no filaments, and organisms that are typically present in old sludge were observed.

The foaming on the aeration tanks was likely a result of filaments which were present due old sludge. Low flow conditions in July and August have caused long retention times in the primary and secondary clarifiers. Both sets of clarifiers have floating solids, the primary clarifiers due to methane and the secondaries due to denitrification in the blankets. An additional source of old sludge was the WWTC's biological phosphorus removal pilot, which was removed from service in July. Some solids from the pilot tanks were brought back into the plant in the recycle streams from the thickeners and the supernatant from the digester.

The belt filter press (BFP) is only operated a few days per week during the day. The filtrate from the BFP, which is high in ammonia, is returned to the head of the plant. The BFP was operated on August 18 and 21. The resulting spike in ammonia was more than the upset activated sludge could handle. It should be noted that the plant has been able to handle the same volume recycle from the BFP in the past without issue. However, with the current low flows, the ammonia returned to the head of the plant is not being diluted as much as it is under average flow conditions.

The following temporary steps were taken last week and over the weekend to improve the health of the plant:

- Two primary clarifiers and one secondary clarifier were removed from service in order to reduce retention time in the clarifiers. This may have contributed to the ammonia violations as the solids were returned through the plant.
- Wasting from the secondary clarifiers was reduced to a minimum flow in order to bring the MLSS concentration back up to increase the population of nitrifiers.
- RAS was increased from the secondary clarifiers and the intermediate clarifiers.
- The BFP was operated on August 21 - 23. Without the ammonia rich recycle from the BFP, the effluent ammonia on August 22 and 23 were 0.28 mg/L $\text{NH}_4^+\text{-N}$ and 0.22 mg/L $\text{NH}_4^+\text{-N}$.

The following long-term steps are planned to prevent reoccurrence of this violation:

- The activated sludge will be reviewed under the microscope more frequently.
- The overall procedures for RAS chlorination will be reviewed.
 - o RAS will not be chlorinated without verifying with a microscope that filaments are present in a quantity that justifies chlorination and also that the type of filament present is one that can be controlled by RAS chlorination.
- Alternative filamentous foam control measures will be reviewed for feasibility.
- During periods of low flow where the ammonia rich recycle may not be adequately diluted by the influent wastewater, the BFP will be operated for longer periods at a lower flow rate.
 - o Replacement of the BFP with alternate dewatering technology that can be operated unattended 24/7 will be reviewed. Installation of a holding tank for the BFP filtrate will also be considered.
- Supernatant will not be removed from the digesters unless an operator is on duty to check the quality. This will limit digested solids being returned to the head of the plant.
- The ammonia concentration in the supernatant and filtrate will be monitored more frequently, especially during low flow periods.
- A high ammonia alarm will be programmed in the SCADA system. Operators will be trained on what to do if this alarm is initiated.
- The feasibility of removing clarifiers from service during the summer months will be

IEPA
August 24, 2022

- reviewed. If a plan can be developed that does not impact the plant's ability to treat the design maximum flow during a flash storm event, gate actuators (or other necessary improvements) will be installed as needed.
- The volume of hauled grease waste received in comparison to the solids created by the WWTC during low flow periods will be reviewed to determine whether it has any impact on plant operation either by requiring too much wasting or by increasing the ammonia recycle load.

I trust that this meets the permit requirement for noncompliance reporting. If you have any questions, please call (630-353-3642).

Sincerely,
DOWNERS GROVE SANITARY DISTRICT



Amy R. Underwood, P.E.
General Manager

C: Board of Trustees
Linda Wong, IEPA
Marc Majewski, DGSD Operations Supervisor
Alex Bielawa, DGSD Staff Engineer

NACWA Award

The Wastewater Treatment Center has been recognized by the National Association of Clean Water Agencies (NACWA) with a Peak Performance Award for its complete and consistent compliance during calendar year 2021. The District received a Silver Award, which is presented to facilities with no more than five permit violations for the entire calendar year. Thank you to District staff for your dedication and hard work which allowed us to achieve this award.

Employee Anniversaries

Congratulations to Marco Rendon for 25 years of service as of August 25!

Personnel

Please welcome Kelly Justus to the District as our new Part Time Billing Assistant!

We are currently reviewing the applicants for the Full Time Lab Analyst position and plan to start interviews early September.

We are seeking applicants for a Maintenance Mechanic position. Please direct interested parties to submit an application on the District website using the link below.

<https://www.dgsd.org/opportunities/>

Notice To Employees

Phone Use While Driving

It was brought to our attention that some employees are operating District vehicles at the plant while using their phones to text, Facetime, or other activities. Please refrain from this behavior as it is very dangerous, not only to you, but any employees or visitors that may be out on the roads with you. It could also cause damage to District property in the event there is an accident. We thank you for your cooperation in keeping our employees safe!

Vehicle Idling

Several District vehicles have been observed recently idling unattended. Please turn vehicles off before exiting them.

Open House

Planning and assignments for Open House, which will be on October 1, are in the works. We will distribute more information to employees as it becomes available. This year we will highlight the Maintenance Department and what they do to keep the plant and the lift stations running smoothly.

Fall Employee Luncheon

The District will hold an employee luncheon in October to show our appreciation for all of your hard work at the Open House. The date has not yet been set, and as soon as we have plans in place, we will be sure to communicate that information to all employees.

TopHealth

The September issue of TopHealth is enclosed.

COVID-19

When you are experiencing COVID symptoms, please contact Carly Shaw.

CURRENT COVID-19 COMMUNITY LEVEL: **MEDIUM**

At this time, masks are not required in District facilities. Employees and guests may choose to wear masks at their personnel discretion. If you are at high risk for severe illness, it is recommended that you talk to your healthcare provider about whether you need to wear a mask and take other precautions.

Status of Projects

1) 001 Outfall Pipe Repair

The contractor is laying stone for the access road along the outfall pipe.

2) Centex Lift Station Replacement

A progress meeting was held with the Contractor on August 2nd. The contractor is anticipating that all major equipment will be received by the end of the year and proposed to start construction late winter/early spring.

3) Administration Center Modifications

The agreement has been signed with YAD Construction.

A separate project with Grace Masonry started today. They will be replacing the lintel over the back window, adding a control joint and repairing the masonry. Please note that Bob Swirsky, Keith Shaffner and Todd Freer will be working remotely during the work and may be reached on their cell phones.

4) Curtiss Street Trunk Sewer Rehabilitation

Congressman Sean Casten was able to secure \$1,080,000 for lining of the Curtiss Street trunk sewer through the federal government's Fiscal Year 2023 Appropriations package. Funding administration will be provided by EPA. EPA has notified the District to expect the funding paperwork process to start in the fall.

5) WWTC/Lift Station Building Code Review

B&W and OEMA are drafting the report of their findings from the July and August site reviews.

6) 2022 Painting

Work is expected to start in the MSB garage next week.

Personnel

Interviews are underway for the Full Time Lab Analyst position.

We are seeking applicants for a Maintenance Mechanic position. Please direct interested parties to submit an application on the District website using the link below.

<https://www.dgsd.org/opportunities/>

Open House

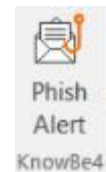
The employee assignments for open house are enclosed. Open House is on October 1. Your supervisor will inform you of your start time for this event.

Flu Shots

The District will again be offering free flu shots to all employees this year. We have a scheduled date of October 12. Details will be forthcoming in the next few weeks.

KnowBe4

Concentric is in the process of installing the KnowBe4 Phish Alert button in Outlook. More information will be provided once this is fully implemented.



COVID-19

When you are experiencing COVID symptoms, please contact Carly Shaw.

CURRENT COVID-19 COMMUNITY LEVEL: **MEDIUM**

At this time, masks are not required in District facilities. Employees and guests may choose to wear masks at their personnel discretion. If you are at high risk for severe illness, it is recommended that you talk to your healthcare provider about whether you need to wear a mask and take other precautions.

Sewer Rehabilitation/Infiltration and Inflow Removal

We are targeting downtown Downers Grove for private property inspections and I/I removal. The 1-K-028 area has been put on hold so that staff can focus on downtown Downers Grove. Regular flow monitoring continues.

Status of Projects

1) 001 Outfall Pipe Repair

The contractor is clearing bushes and trees and rebuilding the access road along the outfall pipe.

2) Centex Lift Station Replacement

The contractor is anticipating that all major equipment will be received by the end of the year and has proposed to start construction late winter/early spring.

3) Administration Center Modifications

The District has applied for a permit from the Village.

Grace Masonry has completed the masonry work over the back window. A window company will be working on Saturday to attach the existing window to the new lintel.

4) Curtiss Street Trunk Sewer Rehabilitation

Congressman Sean Casten was able to secure \$1,080,000 for lining of the Curtiss Street trunk sewer through the federal government's Fiscal Year 2023 Appropriations package. Funding administration will be provided by EPA. EPA has notified the District to expect the funding paperwork process to start in the fall.

5) WWTC/Lift Station Building Code Review

B&W and OEMA are drafting the report of their findings from the July and August site reviews.

6) 2022 Painting

Work is ongoing in the MSB garage. Once the garage is finished, the painter will move to the upper level of the bar screen building.

WWTC Operations Data – August

The DMR for August indicates that the final effluent averaged 1.40 mg/L CBOD, 2.30 mg/L suspended solids and 0.75 mg/L ammonia nitrogen over a daily average flow of 7.03 MGD. There were 2 permit excursions in August.

Sewer Permits – August

There were 12 sewer permits issued in August – 6 single family, 3 commercial, and 3 repairs.

Financial Data – August

In August, the District received \$888,456 in the General fund, including \$94,346 in property taxes, \$304,277 in user charges, \$28,153 in surcharges, and \$403,511 in monthly fees. General fund expenses totaled \$709,595. The Improvement fund had revenues of \$50,947 and expenses of \$1,300. The Construction fund had revenues of \$86,991 and expenses of \$0.

Personnel

Congratulations to Marco Rendon for 25 years of service with the District on August 25 and to Adam Cioni for 15 years of service on September 26!!

Second round interviews have wrapped up for the full time Lab Analyst position. We will be extending an offer on this position by the end of the month.

We are interviewing candidates for the Maintenance Mechanic position.

Voluntary Life Insurance

October 1 through November 30 is the open enrollment period for the Voluntary Group Life Plan from the National Conference on Public Employees Retirement Systems (NCPERS). This plan is available only through IMRF's participation in NCPERS and our participation in IMRF. The plan is underwritten by Prudential and administered by HealthSmart Benefit Solutions, Inc. This is not an IMRF plan. If you are not a current participant, information is enclosed.

Open House

Open House is a week away! Your supervisor will communicate what your duties are and when you should arrive for the event.

Employee Luncheon

An employee luncheon is being held October 5 at 11:30 am in the maintenance garage. We will have food catered for this event.

Top Health

October Top Health is enclosed.

Flu Shots

The District will again be offering free flu shots to all employees this year. These will take place the morning of October 12. More details will be forthcoming in the next couple weeks.

KnowBe4

Concentric is in the process of installing the KnowBe4 Phish Alert button in Outlook. More information will be provided once this is fully implemented.



COVID-19

When you are experiencing COVID symptoms, please contact Carly Shaw.

CURRENT COVID-19 COMMUNITY LEVEL: **LOW**

At this time, masks are not required in District facilities. Employees and guests may choose to wear masks at their personnel discretion. If you are at high risk for severe illness, it is recommended that you talk to your healthcare provider about whether you need to wear a mask and take other precautions.

Updated COVID-19 boosters with protection against the Omicron variant are now available and recommended by the CDC for everyone who has completed the primary series.

Sewer Rehabilitation/Infiltration and Inflow Removal

We are targeting downtown Downers Grove for private property inspections and I/I removal. The 1-K-028 area has been put on hold so that staff can focus on downtown Downers Grove. Regular flow monitoring continues.

Status of Projects

1) 001 Outfall Pipe Repair

The contractor is clearing bushes and trees and rebuilding the access road along the outfall pipe.

DuPage County has appropriated \$509,881 in American Rescue Plan Act (ARPA) for the Downers Grove Sanitary District. The District intends to use it for this project which benefits all our customers.

2) Centex Lift Station Replacement

The contractor is anticipating that all major equipment will be received by the end of the year and has proposed to start construction late winter/early spring.

3) Administration Center Modifications

The architect is working on responding to the Village's permit review comments. The contractor, Yad, is working on shop drawing preparation.

4) Curtiss Street Trunk Sewer Rehabilitation

Congressman Sean Casten was able to secure \$1,080,000 for lining of the Curtiss Street trunk sewer through the federal government's Fiscal Year 2023 Appropriations package. Funding administration will be provided by EPA. EPA has notified the District to expect the funding paperwork process to start in the fall.

5) WWTC/Lift Station Building Code Review

The draft code review report has been submitted to the District for review.

6) 2022 Painting

Work on the MSB garage is complete, and the painter has moved on to the upper level of the bar screen building.

Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Jeremy M. Wang
Clerk



General Manager
Amy R. Underwood, P.E.

Legal Counsel
Michael G. Philipp

2710 Curtiss Street
P.O. Box 1412
Downers Grove, IL 60515-0703
Phone: 630-969-0664
Fax: 630-969-0827
www.dgsd.org

Providing a Better Environment for South Central DuPage County

August 31, 2022

United States Environmental Protection Agency
Region 5
Attention: NPDES Program Branch
77 West Jackson Blvd.
Chicago, IL 6064
Sent electronically to r5npdes@epa.gov

Illinois Environmental Protection Agency
BOW/CAS #19
P.O. Box 19276
Springfield, IL 62794-9276
Sent electronically to EPA.PrmtSpecCondtns@Illinois.gov

***Subject: IL0028380 Special Condition 12.A.8
Local Limits Re-evaluation***

To Whom It Concerns:

Attached please find the local limits re-evaluation as required by Special Condition 12.A.8 of NPDES Permit IL0028380. Please note that the re-evaluation includes a proposed revision to the silver local limit. This report is due by September 1, 2022.

If you have any questions or comments, please contact me at the above address and phone.

Very Truly Yours,

A handwritten signature in black ink that reads "Amy R. Underwood".

Amy R. Underwood, P.E.
General Manager

cc: Board of Trustees (cover letter only)
Reese Berry, DGSD Laboratory Supervisor
Alex Bielawa, DGSD Staff Engineer

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Wastewater Report, September 2022

LOCATION: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER (DuPage County)

| Catchment Information | |
|-----------------------|-----------|
| Population Served | 65,000 |
| NPDES | IL0028380 |
| zipcode | 60515 |
| IL Covid Region | 8 |

SARS-COV-2 LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of the SARS-CoV-2 virus in a sample. The nucleocapsid protein (N) gene of the virus is targeted in the assay, and results are reported in gene copies per liter of starting wastewater.

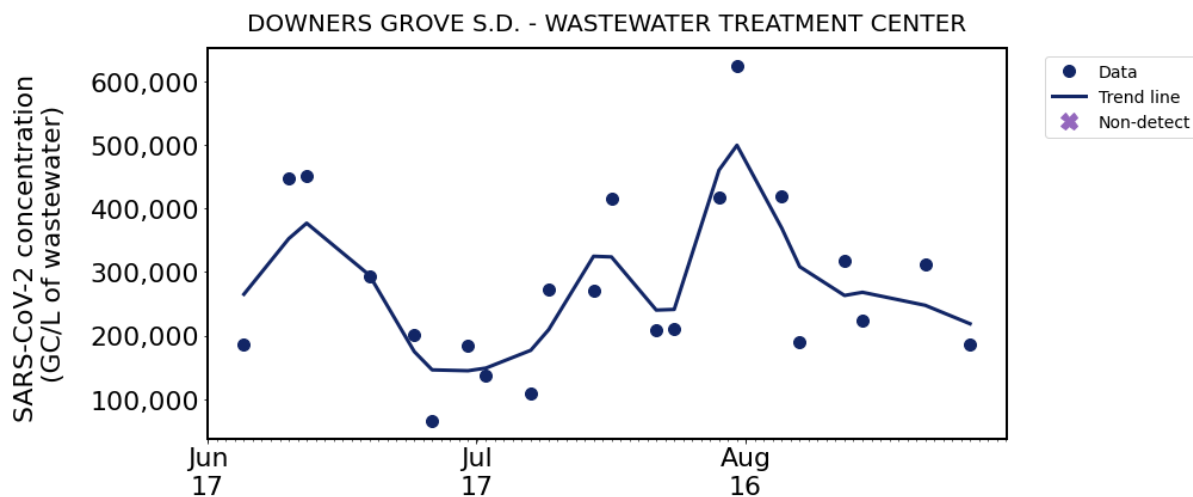


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in gene copies per liter (GC/L) of wastewater.

SAMPLING RESULTS - LAST 8 SAMPLES

| Date | GC/L wastewater |
|------------|-----------------|
| 2022-09-11 | 186,450 |
| 2022-09-06 | 311,475 |
| 2022-08-30 | 223,050 |
| 2022-08-28 | 317,550 |
| 2022-08-23 | 189,075 |



DISCOVERY PARTNERS INSTITUTE
PART OF THE UNIVERSITY OF ILLINOIS SYSTEM

| | |
|------------|---------|
| 2022-08-21 | 419,550 |
| 2022-08-16 | 623,850 |
| 2022-08-14 | 416,625 |

Guide to Interpreting Data on Gene Copies in Wastewater Samples

What do the results mean?

There are several factors to consider when interpreting viral data in wastewater. The rate, magnitude, and duration of shedding varies from one person to another, thus how or even whether it is possible to translate viral levels in wastewater into precise community health metrics is an open scientific question. It is only appropriate to monitor and observe the trends of viral gene copies detected in a community over time. The data presented in tables, graphs and trend assessments show the concentration of RNA copies in the wastewater area from the community where the wastewater was collected. A significant increase in viral gene copies over time is an indicator that cases may be increasing in the community. Wastewater data should not be interpreted in isolation but rather considered alongside other public health metrics.

What does the number that is reported on a sample day mean?

It is a measure of how many gene copies are present in a sample, typically reported as gene copies per liter of wastewater (GC/L). Samples are typically obtained from municipal wastewater treatment plants and reflect inputs of viral material shed by the community served by the treatment plant. This number does not indicate gene copies per person or population.

How are the gene copies measured in the wastewater?

Wastewater samples are first processed to concentrate and isolate genetic material (RNA) that is present in the sample. RNA sequences specific to SARS-CoV-2 are then detected and quantified using a molecular biology tool called digital polymerase chain reaction (dPCR). During dPCR, a targeted segment of the RNA (most commonly the N1 or N2 gene) is converted to DNA and then amplified (copied many times) so it can be detected by laboratory instruments. Specific methods for sample processing and PCR-based quantification differ among wastewater monitoring projects and analytical laboratories.

What does it mean if a data point for a sample is 0 or a non-detect?

A non-detect means that the amount of SARS-CoV-2 RNA in the wastewater sample is below the level that can be reliably detected by the quantification methods used in a given laboratory. A determination of non-detect does not necessarily mean that no SARS-CoV-2 RNA is present in the sample or in the system—rather that the levels are low enough that they cannot be reliably determined. In some cases, other components of wastewater may interfere with individual measurements, leading to an incorrect non-detection similar to false negatives that can occur from at-home and clinical testing. A non-detect does not necessarily mean that there are no infected individuals within the associated community.

What is the viral gene copy trend line?

The trend line is calculated using Locally Weighted Scatterplot Smoothing (LOWESS), a local regression analysis. It allows us to see the change in trend over time by fitting a curve to the



data. This method is useful because it reduces the influence of outliers, and wastewater data can be highly variable. LOWESS is a more complex extension of the moving average.

Does the number of gene copies in a sample tell us how many people are sick?

There are not presently agreed-upon methods for translating concentration of SARS-CoV-2 genetic material in wastewater into a measure of how many people, or even what percentage of a community, have COVID-19. Variability between different wastewater sources, treatment facilities, and communities makes it difficult to translate the SARS-CoV-2 GC concentration into a measure of how many people are infected in the community. However, an upward or downward trend in SARS-CoV-2 GC/liter generally suggests a similar trend in the number of people infected within a given community.

Can I compare the number of gene copies in a sample from site to site?

Because each community has a different mix of wastewater inputs, different populations, and different wastewater systems, it is not appropriate to compare viral gene copy numbers among communities. Instead, trends in SARS-CoV-2 GC/liter from a specific community over time can be used to help understand whether cases or hospitalizations are likely to increase or decrease in the community. Sample collection methods and mechanisms, collection times, and sample variability are other factors that discourage cross-site comparison.



DISCOVERY PARTNERS INSTITUTE

PART OF THE UNIVERSITY OF ILLINOIS SYSTEM

Low-Income Water Assistance
Environmental Justice

PFAS
Affordability
Supply Chain

Workforce

Climate Change

NACWA 2022 ANNUAL REPORT

Making An Impact & Charting The Path Forward



Clean Water Funding
Biosolids
Integrated Planning

Nutrients

Water Reuse

President's Message



Thomas W. Sigmund

NACWA President
Executive Director
NEW Water
Green Bay, WI

We have been tremendously successful ensuring greater federal investment in the nation's water infrastructure, but now we must tirelessly focus on targeting these funds to their best possible uses, especially given the challenges of inflation, supply chain shortages, and workforce constraints.

I am looking forward to an exciting year for NACWA and I want to express my appreciation for the trust you have placed in me to serve as your President. Be assured that I take this responsibility I have been given seriously and will do my best to fulfill the goals and objectives of the Association.

NACWA's leadership has had to steer its ship through a maze of complexity and uncertainty these past couple of years. I applaud my predecessor and friend Kishia Powell for the outstanding job she has done this past year as NACWA's President – THANK YOU KISHIA!

Despite these complexities, I am optimistic that this year will be one of great opportunity in which NACWA, and the water sector as a whole, can refocus on our roles as public servants and on clear deliverables for our members, communities, and ratepayers.

Never has NACWA's leading role as a resource for Congress, EPA and other federal agencies been clearer than over the past year. We have been tremendously successful ensuring greater federal investment in the nation's water infrastructure, but now we must tirelessly focus on targeting these funds to their best possible uses, especially given the challenges of inflation, supply chain shortages, and workforce constraints.

At the same time, we must communicate clearly and collaborate broadly and strategically to ensure that sound science and rational economic and affordability considerations are at the core of all federal regulatory, legal, and legislative policymaking. As the entities ultimately responsible for the nation's clean water, we must not give in to old habits of remaining unseen and unheard. This must be a year of making our voices heard and demanding an audience with top policymakers – because the stakes have never been higher.

Whether the issue is PFAS/contaminants of emerging concern, nutrient control, biosolids management, cybersecurity, stormwater control, water reuse/recycling, or carbon footprint reduction — the price tags to address these issues are immense. Each of us has an obligation to lead the way because clean water agencies are the true environmentalists and are the best advocates to protect our communities' and ratepayers' best interests.

The 50th Anniversary of the Clean Water Act takes place in October, and we had a wonderful conference and celebration to mark this anniversary in July in Seattle. I am confident that, through NACWA, we will do what must be done — and more — to guarantee even greater progress over the next 50 years.

Thank you for all you do every day and thank you for your continued support of NACWA.

Year in Review

As the world slowly emerged from the worst of the pandemic, clean water utilities were challenged to address new threats to sustainably and affordably serve their customers.

NACWA supported its members in this work through:



Tireless advocacy to secure the strongest level of federal clean water funding in decades.



Undisputed leadership as the “go to” association on clean water issues for Congress and the Executive Branch.



Strong measures to counter regulatory overreach, including on issues involving PFAS and clean water affordability.



Visionary, constructive efforts to address equity and environmental justice from a public water utility perspective.



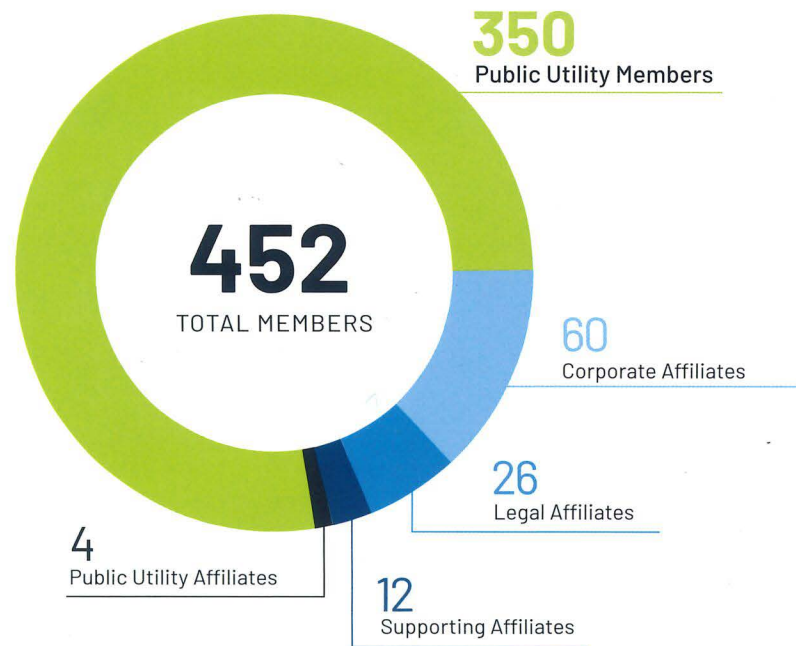
Decisive action to protect the vital interests of clean water utilities in the nation’s courtrooms on precedent-setting legal cases.



Fostering a growing network of utility executives and water sector partners through our thriving peer-to-peer network, sharing best practices, conferences and leadership training tools.

BY THE NUMBERS

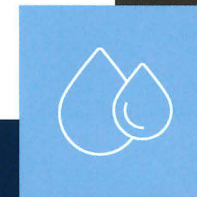
Membership Makes an Impact



- 6,400+ Clean Water Professionals
at Member Organizations receiving NACWA communications
and accessing key resources on the website.
- 131 Million+ People
served 24 Hours a Day/7 Days a Week/365 Days a Year by NACWA
Public Agency Members – **TRUE CLEAN WATER HEROES!**
- 273 Congressional Districts
Represented
- 96% Membership Retention Rate
- 20 New Members

36% of NACWA's Public Agency Members are Small & Mid-Size Utilities serving less than 75,000 people.

Over the past year, this growing demographic of members was served through the development of a Small & Mid-Size Utility Executive Conference Sponsorship Program and multiple virtual meetings and calls with the Small & Mid-Size Utility Executive Working Group to address issues and best practices geared to their unique needs.



AWARDS & ENGAGEMENT

Members Making An Impact in Their Communities

NACWA celebrated nearly 500 members and member facilities through its five Recognition and Award Programs this past year – bringing national recognition to member innovations, dedication to excellence, and service to their communities, ratepayers, and the environment.

Award Winners and their award-winning innovations and accolades were featured on the NACWA website through listings and member spotlights, as well as through press releases, award ceremonies at our conferences, social media, and in the Clean Water Advocate Magazine.

Visit nacwa.org/awards for more information on this year's award winners.

Fostering Peer-to-Peer Connections & Collaborations

One of the most valuable benefits of NACWA membership is the utility leader network that fosters peer-to-peer connection and unmatched opportunities to learn from the best in the clean water sector. These opportunities were especially critical over the past year as NACWA began offering in-person meetings for the first time since the pandemic began while still providing hybrid meeting options.

PEER-TO-PEER HIGHLIGHTS:

8 in-person meetings, including
over 1600 registrants and over
350 first time attendees.

Our growing number of first-time attendees demonstrates the unique value NACWA plays in establishing peer-to-peer relationships.

10 virtual events connecting over
1500 participants,

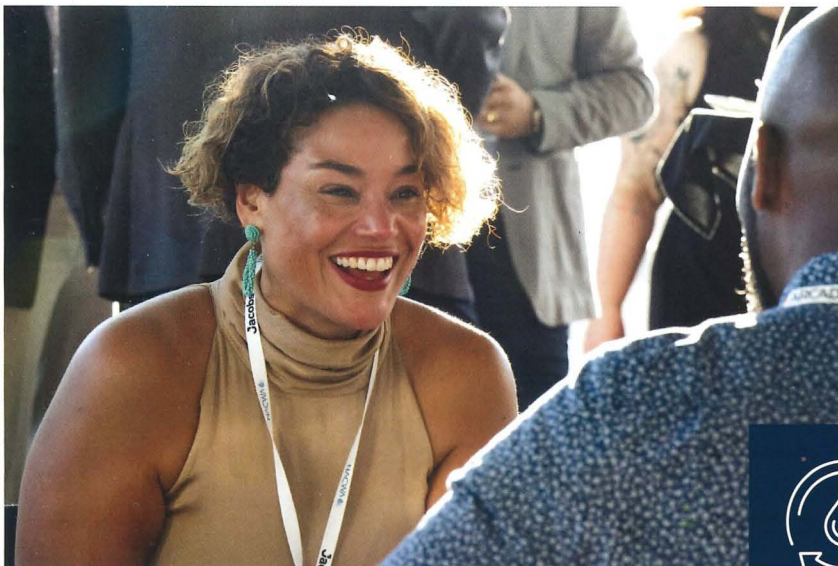
including 7 webinars exclusively designed for utility leaders and executives focused on hot topics impacting the clean water sector nationally and regionally.

7400+ Members

actively utilizing and contributing to the dialogue on the NACWA Engage Virtual Network.

11 standing committees and 7
issue-based workgroups

met over 30 times during the past year both in-person and virtually, providing valuable opportunities for engagement and discussion among clean water colleagues. This included the creation of a new standing committee focused exclusively on environmental justice.



NACWA ADVOCACY

Providing Unmatched Return on Investment

NACWA's core advocacy work provided unmatched value and return on investment this year. Between securing the largest federal investment in clean water in a generation and pushing back on unnecessary overreach to save utility ratepayer dollars, the Association's work on behalf of its members produced tangible results.



Secured \$55 billion

in federal water sector funding over five years as part of the Bipartisan Infrastructure Law – including nearly half as grants – in **the largest federal water investment since the passage of the Clean Water Act.**

Ensured \$350 billion

in state and local grant funding under the American Rescue Plan Act to be **eligible for investment in water and sewer projects.**

10 dedicated NACWA government affairs professionals

working around the clock on only the clean water issues that matter most to your utility – along with an unparalleled operations team ready to meet your peer-to-peer engagement, awards and conference needs.

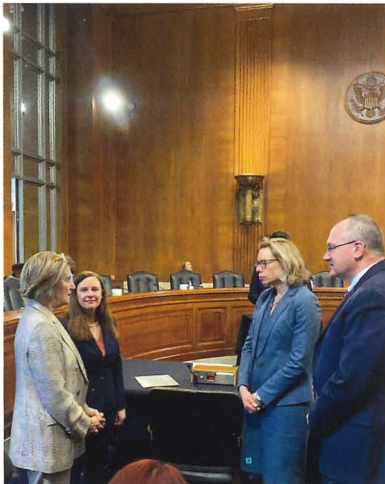
Key Advocacy Achievements Making an Impact

- Helped establish and implement the first-ever federal Low-Income Household Water Assistance Program (LIHWAP) at the U.S. Department of Health and Human Services (HHS) and created a new low-income water assistance pilot program at the U.S. Environmental Protection Agency (EPA).
- Pushed back on unsupported regulation and legislation at the federal and state level around PFAS chemicals – including through both congressional testimony and regulatory advocacy – to protect clean water utilities and their ratepayers from increased costs.
- Promoted more rational and accurate affordability criteria with EPA to protect the most vulnerable households from ever-increasing clean water costs.
- Litigated aggressively in federal and state courts on issues ranging from nutrients to wet weather obligations to stormwater regulations to the jurisdiction of the Clean Water Act – all to ensure clean water agencies operate under predictable and consistent legal requirements.
- Advocated against unreasonable requirements from EPA and states for combined sewer overflow (CSO) communities, especially around post-Long Term Control Plan (LTCP) permits, to protect critical investments already made by these communities.
- Helped advance additional legislation at the state level across the country on labeling and packaging of non-flushable products, further keeping these products out of the sewer system and saving utilities money from clogs due to non-flushable items.

TELLING YOUR STORY

NACWA Members Testify in Congress

There is no better way for Congress to learn about the challenges facing public clean water utilities than to hear directly from utility leaders. Reflecting NACWA's leadership position in Congress on behalf of the sector, seven utility executives from NACWA member utilities represented clean water municipalities nationwide through testimony in front of Congress over the past year to share utility perspectives and provide insight into utility needs. Members testified on PFAS, cybersecurity, affordability, funding allocations and the Clean Water State Revolving Fund.



Tom Sigmund, Executive Director, NEW Water, WI and **Kyle Dreyfuss-Wells**, CEO, Northeast Ohio Regional Sewer District, OH, meet with Sen. Shelly Moore Capito (R-WV) before testifying on the Clean Water State Revolving Loan Fund formula.



Josh Schimmel, Executive Director, Springfield Water & Sewer Commission, MA shared public utility perspective in testimony regarding the distribution of funds and implementation of the Bipartisan Infrastructure Law (BIL).



Kishia L. Powell, Chief Operating Officer and Executive Vice President, DC Water testifies before the Senate on the growing challenges facing the clean water sector and the need for increased federal investment.

Ms. Powell highlighted the importance of a renewed federal partnership in helping communities reinvest in aging water infrastructure and better address affordability challenges.



Oluwole A. "OJ" McFoy, General Manager, Buffalo Sewer Authority, NY testifies on the urgent need for investment in America's wastewater infrastructure.

Radhika Fox
Assistant Administrator, Office of Water
U.S. Environmental Protection Agency



**Actively
Engaging
U.S. EPA**

This year not only did NACWA regularly meet with U.S. Environmental Protection Agency staff to discuss member needs and current and developing regulations, leadership from the EPA Office of Water spoke at many of our conferences and in particular sought feedback from our utility executive members regarding a variety of critical clean water issues in small group meetings at NACWA's Winter and Summer Conferences.





Charting The Path Forward

As we move beyond the 50th anniversary of the Clean Water Act and look towards what the next 50 years of clean water will bring, there are a host of both challenges and opportunities facing the sector. How will we tackle them and ensure even greater environmental, economic and social benefits for our communities? Now is the time to increase your involvement with NACWA to help answer these questions – and **elevate water as a national priority!**



Our Water. Our Future.
nacwa.org

1130 Connecticut Ave NW
Suite 1050
Washington D.C. 20036

Advocacy. Unity. Impact.

NACWA's Strength Is Our Members

Thank you for your support and engagement in elevating clean water as a national priority!

NACWA is the only national association that solely represents public clean water agencies. Strengthened by the collective voice of our members, we are the leader in clean water advocacy.

NACWA Public Agency Members by State

ALABAMA

- Daphne Utilities
- Jefferson County Commission
- Mobile Area Water & Sewer System
- Montgomery Water Works & Sanitary Sewer Board
- The Water Works and Sewer Board of the City of Prichard

ALASKA

- Anchorage Water & Wastewater Utility

ARIZONA

- City of Mesa Water Resources
- City of Phoenix Water Services Department
- Pima County Regional Wastewater Reclamation Department

ARKANSAS

- City of Springdale Water Utilities
- Little Rock Water Reclamation Authority
- North Little Rock Wastewater Utility
- Pine Bluff Wastewater Utility

CALIFORNIA

- Central Contra Costa Sanitary District
- Central Marin Sanitation Agency
- City of Los Angeles- LA Sanitation
- City of Palo Alto Regional Water Quality Control Plant
- City of Roseville Environmental Utilities
- City of Sacramento
- City of San Diego Public Utilities
- City of Santa Barbara
- City of Santa Cruz Wastewater Treatment Facility
- City of Sunnyvale Water Pollution Control Plant
- Delta Diablo
- East Bay Municipal Utility District
- Eastern Municipal Water District
- Encina Wastewater Authority
- Fairfield-Suisun Sewer District
- Inland Empire Utilities Agency
- Lake County Special Districts
- Las Virgenes Municipal Water District
- Los Angeles County Department of Public Works
- Napa Sanitation District
- Novato Sanitary District
- Orange County Sanitation District
- Rincon Del Diablo Municipal Water District
- Riverside Water Quality Control Plant

- Sacramento Regional County Sanitation District
- San Francisco Public Utilities Commission
- Sanitation Districts of Los Angeles County
- Santa Rosa Water
- South Orange County Wastewater Authority
- Sunnyslope County Water District
- Union Sanitary District
- Vallejo Flood and Wastewater District
- Valley Sanitary District
- West Basin Municipal Water District
- West County Wastewater District

COLORADO

- Boxelder Sanitation District
- Centennial Water & Sanitation District
- City of Aurora
- City of Fort Collins Utilities
- City of Greeley Water and Sewer Department
- City of Northglenn
- City of Pueblo Wastewater Department
- Colorado Springs Utilities Environmental Services
- Loveland Water & Power
- Metro Water Recovery
- Platte Canyon Water and Sanitation District
- Pleasant View Water & Sanitation District
- Roxborough Water & Sanitation District
- South Platte Water Renewal Partners

CONNECTICUT

- Greater New Haven Water Pollution Control Authority
- Joint Facility/Colchester-East Hampton
- The Metropolitan District
- The Town of Greenwich
- Water Pollution Control Authority for the City of Norwalk

DELAWARE

- City of Wilmington Department of Public Works

DISTRICT OF COLUMBIA

- DC Water

FLORIDA

- City of Boca Raton Utility Services Department
- Emerald Coast Utilities Authority
- Marion County Utilities
- Miami-Dade County Water and Sewer Department
- Orange County Utilities

- Palm Beach County Water Utilities
- Pinellas County Water/Sewer Utilities
- Toho Water Authority

GEORGIA

- City of Atlanta Department of Watershed Management
- City of Augusta Utilities Department
- City of Cumming
- Columbus Water Works
- DeKalb County Department of Watershed Management
- DeKalb County Public Works – Roads and Drainage Division
- Gwinnett County Department of Water Resources
- Macon Water Authority
- Newton County Water & Sewerage Authority

HAWAII

- City and County of Honolulu
- Maui County, Department of Environmental Management

IDAHO

- City of Boise
- City of Post Falls
- City of Twin Falls

ILLINOIS

- American Bottoms Regional Wastewater Treatment Facility
- Bloomington & Normal Water Reclamation District
- City of Joliet, Department of Public Utilities
- City of Lockport
- Downers Grove Sanitary District
- E.J. Water Cooperative, Inc.
- Flagg Creek Water Reclamation District
- Four Rivers Sanitation Authority
- Fox Metro Water Reclamation District
- Fox River Water Reclamation District
- Glenbard Wastewater Authority
- Greater Peoria Sanitary District
- Kankakee River Metropolitan Agency
- Kishwaukee Water Reclamation District
- Metropolitan Water Reclamation District of Greater Chicago
- Sanitary District of Decatur
- Thorn Creek Basin Sanitary District
- Urbana & Champaign Sanitary District
- Village of Deerfield
- Village of Roselle
- Wheaton Sanitary District
- Yorkville-Bristol Sanitary District

INDIANA

- Citizens Energy Group
- City of Fort Wayne
- City of Jeffersonville Wastewater Department
- City of South Bend Wastewater Treatment Plant
- City of Valparaiso Elden Kuehl Pollution Control Facility
- Gary Sanitary District
- Marion Municipal Utilities

IOWA

- City of Ames Water & Pollution Control Department
- City of Cedar Rapids, Utilities Department
- City of Des Moines
- City of Muscatine
- Iowa Lakes Regional Water

KANSAS

- City of Derby
- City of Lawrence Municipal Services & Operations
- City of Manhattan
- City of Olathe
- City of Wichita
- Johnson County Wastewater
- Unified Government of Wyandotte County

KENTUCKY

- Bowling Green Municipal Utilities
- Cleveland Environmental Authority
- Louisville & Jefferson County Metropolitan Sewer District

LOUISIANA

- East Baton Rouge Sewerage Commission
- Sewerage & Water Board of New Orleans

MAINE

- Caribou Utilities District
- City of Saco
- City of South Portland Water Resource Protection
- Portland Water District
- Sanford Sewerage District
- York Sewer District

MARYLAND

- Anne Arundel County Department of Public Works
- Baltimore City Department of Public Works
- Howard County Department of Public Works
- WSSC Water

MASSACHUSETTS

- Boston Water & Sewer Commission
- City of Worcester
- Lowell Regional Wastewater Utility
- Massachusetts Water Resources Authority
- South Essex Sewerage District
- Springfield Water & Sewer Commission
- Upper Blackstone Clean Water

MICHIGAN

- City of Grand Rapids Environmental Services
- City of Saginaw
- City of Zeeland Clean Water Plant
- Detroit Water & Sewerage Department
- Genesee County Drain Commissioner Water & Waste Services
- Great Lakes Water Authority
- Holland Board of Public Works
- Oakland County Water Resources Commissioner
- Ypsilanti Community Utilities Authority

MINNESOTA

- City of Rochester, MN Water Reclamation Plant
- Metropolitan Council Environmental Services
- Western Lake Superior Sanitary District

MISSISSIPPI

- City of Jackson

MISSOURI

- City of Saint Charles, Missouri
- City of Springfield
- City of St. Joseph Water Protection
- Hannibal Board of Public Works
- Independence Water Pollution Control Department
- Jefferson City Public Works Department
- KC Water

- Little Blue Valley Sewer District
- Metropolitan St. Louis Sewer District

MONTANA

- City of Billings
- City of Bozeman
- City of Great Falls
- City of Kalispell
- City of Livingston
- City of Missoula
- City of Whitefish

NEBRASKA

- City of Omaha Public Works Department

NEVADA

- City of Henderson
- City of Las Vegas Water Pollution Control Facility
- Clark County Regional Flood Control District
- Clark County Water Reclamation District

NEW HAMPSHIRE

- City of Manchester Public Works Department

NEW JERSEY

- Atlantic County Utilities Authority
- Bayshore Regional Sewerage Authority
- Bergen County Utilities Authority
- Camden County Municipal Utilities Authority
- Hanover Sewerage Authority
- Joint Meeting of Essex & Union Counties
- Linden Roselle Sewerage Authority
- Middlesex County Utilities Authority
- North Bergen Municipal Utilities Authority
- Northwest Bergen County Utilities Authority
- Ocean County Utilities Authority
- Passaic Valley Sewerage Commission
- Plainfield Area Regional Sewerage Authority
- Rahway Valley Sewerage Authority
- Secaucus Municipal Utilities Authority
- Stony Brook Regional Sewerage Authority
- Western Monmouth Utilities Authority

NEW MEXICO

- Albuquerque-Bernalillo County Water Utility Authority
- City of Santa Fe

NEW YORK

- Buffalo Sewer Authority
- City of Ithaca Department of Public Works
- Erie County Division of Sewerage Management
- Monroe County Department of Environmental Services
- NYC Department of Environmental Protection
- Onondaga County Department of Water Environment Protection
- Rockland County Sewer District #1

NORTH CAROLINA

- Cape Fear Public Utility Authority
- Charlotte Water
- City of Greensboro Water Resources Department
- Metropolitan Sewerage District of Buncombe County
- Orange Water & Sewer Authority
- Raleigh Water
- Town of Cary

OHIO

- Akron Water Reclamation Services
- Avon Lake Regional Water
- City of Canton Water Reclamation Facility
- City of Columbus Department of Public Utilities
- City of Dayton Department of Water
- City of Defiance
- City of Elyria Wastewater Pollution Control
- City of Euclid
- City of Lakewood
- City of Lebanon
- City of Lima Utilities Department
- City of Sidney
- City of Toledo Department of Public Utilities
- Metropolitan Sewer District of Greater Cincinnati
- Montgomery County Environmental Services
- Northeast Ohio Regional Sewer District

OKLAHOMA

- City of Tulsa Water and Sewer Department

OREGON

- City of Albany
- City of Bend
- City of Corvallis Public Works Department
- City of Eugene Wastewater Division
- City of Florence
- City of Gresham Department of Environmental Services
- City of Portland Bureau of Environmental Services
- City of Prineville
- City of Springfield
- Clackamas Water Environment Services
- Clean Water Services

- Metropolitan Wastewater Management Commission
- Oak Lodge Water Services District

PENNSYLVANIA

- Allegheny County Sanitary Authority
- Capital Region Water
- City of Lancaster
- Derry Township Municipal Authority
- Municipal Water Authority of Aliquippa
- Philadelphia Water Department
- Pittsburgh Water & Sewer Authority

PUERTO RICO

- Puerto Rico Aqueduct and Sewer Authority

RHODE ISLAND

- Narragansett Bay Commission

SOUTH CAROLINA

- Beaufort Jasper Water & Sewer Authority
- Charleston Water System
- Chester Metropolitan District/Chester County Wastewater Recovery
- Greenwood Metropolitan District
- Mount Pleasant Waterworks
- Oconee Joint Regional Sewer Authority
- Renewable Water Resources
- Spartanburg Water
- Summerville Commissioners of Public Works
- Taylors Fire & Sewer District

TENNESSEE

- City of Johnson City
- City of Kingsport

- City of Memphis Division of Public Works
- Hallsdale Powell Utility District
- Knoxville Utilities Board
- Metropolitan Government of Nashville & Davidson County
- Murfreesboro Water Resources Department
- Sweetwater Utilities Board

TEXAS

- Austin Water
- Benbrook Water Authority
- City of Anna Department of Public Works
- City of Corpus Christi- Water Utilities
- City of Dallas Water Utilities
- City of Denison
- City of Gainesville
- City of Garland
- City of Grapevine
- El Paso Water
- Fort Worth Water Department
- Guadalupe-Blanco River Authority
- Gulf Coast Authority
- Houston Public Works
- North Texas Municipal Water District
- San Antonio Water System
- San Jacinto River Authority
- Trinity River Authority of Texas
- Upper Trinity Regional Water District

UTAH

- Central Davis Sewer District
- Salt Lake City Corporation
- Snyderville Basin Water Reclamation District
- Timpanogos Special Service District

VERMONT

- South Burlington Water Quality Department

VIRGINIA

- Alexandria Renew Enterprises
- Arlington County Department of Environmental Services – Water Pollution Control Bureau
- Chesterfield County Utilities
- City of Lynchburg Department of Water Resources
- City of Richmond Department of Public Utilities
- City of Virginia Beach Department of Public Utilities
- County of Stafford Department of Utilities
- Fairfax County Wastewater Management Program
- Fauquier County Water & Sewerage Authority
- Hampton Roads Sanitation District
- Hanover County Department of Public Utilities
- Hopewell Water Renewal
- Loudoun Water
- Prince William County Service Authority
- Upper Occoquan Service Authority
- Western Virginia Water Authority

WASHINGTON

- City of Everett Public Works Department
- City of Lynnwood
- City of Orting
- City of Tacoma, Environmental Services Department
- City of Vancouver
- Clark Regional Wastewater District
- King County Wastewater Treatment Division
- Lakehaven Water & Sewer District

- LOTT Clean Water Alliance
- Pierce County, Planning and Public Works, Surface Water Management
- Seattle Public Utilities
- Southwest Suburban Sewer District

WEST VIRGINIA

- Beckley Sanitary Board
- Berkeley County Public Service Sewer District
- Charles Town Utility Board
- City of Fairmont
- Huntington Water Quality Board
- Morgantown Utility Board
- Parkersburg Utility Board

WISCONSIN

- City of Beloit Water Resources Division
- City of Columbus, WI
- City of Fond du Lac Wastewater Treatment & Resource Recovery Facility
- City of Sun Prairie, WI
- City of Superior, Environmental Services Division
- Madison Metropolitan Sewerage District
- Milwaukee Metropolitan Sewerage District
- NEW Water
- Racine Wastewater Utility

WYOMING

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- Town of Jackson

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