

DOWNERS GROVE SANITARY DISTRICT
GENERAL MANAGER'S REPORT
December 13, 2024

December Board Meeting

Copies of documentation for the following agenda items are enclosed for the December 17, 2024, meeting:

- 1) Proposed Agenda
- 2) Minutes of the November 19, 2024, regular meeting
- 3) 2024 Sanitary Sewer Televising Services - Change Order No. 1
- 4) Venard Road Force Main Replacement – Change Order No. 1
- 5) 2024 Sewer Rehabilitation – Change Order No. 1
- 6) Claim Ordinance 1944
- 7) Resolution of Appreciation – Charles E. Preen
- 8) Schedule of 2025 Regular Meetings
- 9) Annexation Ordinance No. AO 2024-07 – 2250 63rd Street, Downers Grove
- 10) Operations Report on Cost-of-Service Analysis
- 11) Progress Report on Facility Plan

BOLI Meeting

There is no BOLI meeting this month.

Operations Reports

Copies of the following are enclosed for November 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 Nick.
- 4) Progress Report from Todd on Sewer System Maintenance activities.
- 5) Progress Report from Keith on Sewer System Construction and Code Enforcement activities.
- 6) Progress Report from Reese on Laboratory activities.
- 7) Engineering Report

Safety

The Safety Committee met on December 3 and closed five safety reports. One report involved a change to the ground along the west side of Primaries 2, 3, and 4. This area was previously grass where animals would burrow and dig. The digging created uneven walking surfaces for employees working in that area, which led to an ankle injury in 2021. This fall, the grass was removed and replaced with gravel. The gravel will provide a safer walking surface as well as a better driving surface for the machinery that aids in the maintenance and cleaning of the tanks.

Two new mobile AED kits were purchased. They were placed in the Sewer System Transit and the Permit Technician truck.

Jessie Gwozdz and Nick Whitefleet attended Lockout Tagout training. Jessie also attended Health Hazard Awareness training. Both courses were offered through OSHA's National Safety Education Center.

Financial

A copy of the Investment Schedule as of November 30, 2024, is enclosed.

The Treasurer's Report for November 2024 covering the first seven months of FY 24-25 is included herein, along with a summary cover memo.

Meetings

I attended the following meetings since the November 15, 2024, General Manager's report:

- November 19 attended IAWA Executive Committee special meeting
- November 20 attended DRSCW Executive Board meeting in Lombard. Larry also attended.
- November 21 attended EPA training on The Electronic Pretreatment Annual Report. Reese also attended.
- November 22 attended webinar on EPA's Risk Assessment Process & Risk Communications
- December 2 attended IAWA/EPA meeting to discuss WIFIA
- December 2 attended CSWEA Strategic Planning meeting
- December 4 attended DRSCW meeting in Lombard
- December 6 attended IAWA Nutrient Subcommittee meeting
- December 12 attended IAWA Executive Committee special meeting
- December 12 attended CSWEA YP mentoring event
- December 13 attended DGEDC Board of Directors meeting in Downers Grove
- December 13 attended Midwest Biosolids Association 2nd Annual Meeting

Miscellaneous

I took vacation on November 27 and December 5.

Copies of the following items are enclosed:

- 1) General Manager's Report to the Employees dated November 27 and December 13
- 2) November 2024 DGSD WWTC wastewater reports of SARS-CoV-2, influenza A & B and RSV levels
- 3) Final Closeout Letter from EPA for the Community Grant dated December 10

cc: AES, JMW, ME, BOLI, DM, CS

**DOWNERS GROVE SANITARY DISTRICT
BOARD OF TRUSTEES MEETING
DECEMBER 17, 2024 – 7:00 PM
BOARD ROOM**

PROPOSED AGENDA

- I. APPROVAL OF MINUTES
 - A. REGULAR MEETING – NOVEMBER 19, 2024

- II. APPROVAL OF CHANGE ORDERS
 - A. 2024 SANITARY SEWER TELEVISIONING SERVICES – CO NO. 1
 - B. VENARD ROAD FORCE MAIN REPLACEMENT – CO NO. 1
 - C. 2024 SEWER REHABILITATION – CO NO.1

- III. APPROVAL OF CLAIM ORDINANCE NO. 1944

- IV. PUBLIC COMMENT

- V. OLD BUSINESS

- VI. NEW BUSINESS
 - A. RESOLUTION OF APPRECIATION – CHARLES E. PREEN
 - B. SCHEDULE OF REGULAR MEETINGS FOR 2025
 - C. ANNEXATION ORDINANCE AO 2024-07, 2250 63RD STREET, DG
 - D. OPERATIONS REPORT: COST OF SERVICE ANALYSIS

- VII. FACILITY PLAN UPDATE

- VIII. BOARD PACKET QUESTIONS AND COMMENTS

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 December 17, 2024. 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, November 19, 2024, convening at 7:00 p.m. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were Trustees Amy E. Sejnost, Jeremy M. Wang and Mark Eddington, General Manager Amy R. Underwood, Administrative Supervisor Carly Shaw, Sewer Construction Supervisor Keith W. Shaffner, Senior Billing Coordinator Adrienne Kasper, Information Coordinator Alyssa J. Caballero and Attorney Dan McCormick.

Minutes of Regular Meeting – October 15, 2024

A motion was made by Trustee Wang seconded by Trustee Eddington approving the minutes of the regular meeting held on October 15, 2024, and authorizing the President and Clerk to sign same. The motion carried.

Claim Ordinance No. 1943

A motion was made by Trustee Eddington seconded by Trustee Wang adopting Claim Ordinance No. 1943 in the total amount of \$945,791.43 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Public Comment – None

New Business

Operations Report – Show Cause Hearings

Administrative Supervisor Shaw presented an operations report reviewing show cause hearings. The report reviewed show cause hearing procedures including reminder notices and penalties, first collection letter, lien and pre-enforcement conference, water shut offs and show cause hearing.

Annexation Ordinance AO 2024-06 – 4017 Venard Road, Downers Grove

Staff presented Annexation Ordinance No. AO 2024-06 for the annexation of the single-family lot located at 4017 Venard Road, Downers Grove. A motion was made by Trustee Eddington seconded by Trustee Wang accepting the Petition for Annexation, adopting Annexation Ordinance No. AO 2024-06 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Credit Card and Line of Credit Use Policy and Procedures Revisions

Staff presented proposed revisions to the District Credit Card and Line of Credit Use Policies and Procedures. The revisions include an approval process to open new credit cards and lines of credit

and who is authorized to sign the credit card applications. A motion was made by Trustee Eddington seconded by Trustee Wang approving the revisions to Credit Card and Credit Line of Use Policies and Procedures as presented. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Authorization to Open Credit Card

Staff presented the Board with a recommendation to open a commercial credit card account with Chase Bank. The account will allow the District to set a credit limit and due date that will comply with the Districts Credit Card and Line of Credit Policy and procedures. A motion was made by Trustee Eddington seconded by Trustee Wang to approve opening a new commercial credit card with Chase Bank and authorizing the General Manager and Treasurer to sign the application as presented. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Facility Plan Update

General Manager Underwood reviewed the Facility Plan progress for October.

Questions and Comments

The updates to the investment schedule as included in the Board packet were discussed.

Trustee Wang thanked Administrative Supervisor Shaw and Senior Billing Coordinator Kasper for the show cause hearing presentation. He noted there were zero excess flow days in October. He congratulated Check Preen for 40 years of service to the District and Kim Giardini for 15 years. He noted the recent employee luncheon for the open house and the upcoming holiday employee luncheon. Trustee Wang inquired about the employee IT support form. He noted the radio enhancement project completion, noted in Maintenance Supervisor Whitefleet’s monthly report. He noted the lead paint remediation solution for the handrails on Aeration Tanks 8 and 9 and Intermediate Clarifiers 1 and 2. He inquired about the Improvement Fund expenses appearing greater than the revenue in the Treasurer’s Report. Lastly, Trustee Wang noted the letter to IEPA regarding the Oct. 16 ammonia excursion.

Trustee Eddington inquired about how the budget has been after six months since adoption. He questioned how employees’ vacation time balances are handled at the end of the year. He noted the change to the Employee Health Insurance. He also commented on the methane leak detection study, noted in the engineering monthly report from General Manager Underwood. Trustee Eddington also congratulated Check Preen for 40 years of service to the District and Kim Giardini for 15 years. He suggested that trends be added to the monthly operations report.

Trustee Sejnost also congratulated Check Preen for 40 years of service to the District and Kim Giardini for 15 years. She expressed her appreciation to General Manager Underwood for her continued involvement in professional organizations that further the wastewater treatment industry. She asked about the webinar titled “PFAS Past the Hysteria”. She inquired about the status of the Maple Grove bridge project. She noted the CHP 1 maintenance, PLC replacement and Centex Lift Station replacement project, noted in Maintenance Supervisor Whitefleet’s report. She

noted the ammonia excursion and open house feedback from lab staff, noted in Laboratory Supervisor Berry's report. Lastly, Trustee Sejnost wished employees a happy holiday and expressed her thanks to everyone.

A motion was made by Trustee Wang seconded by Trustee Eddington to adjourn the regular meeting at 9:12 p.m. The motion carried.

Approved: December 17, 2024

President

Attest: _____
Clerk

Board of Trustees

Amy E. Sejnost

President

Jeremy M. Wang

Vice President

Mark Eddington

Clerk



2710 Curtiss Street

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, P.E.

Legal Counsel

Daniel McCormick, PC

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees

From: Amy R. Underwood, General Manager

Date: December 13, 2024

Subject: Change Order No. 1 – 2024 Sanitary Sewer Televising Services

This project is complete. Actual quantities for the work items varied from the quantities estimated on the bid form. District staff recorded the actual quantities as the work was completed.

At the December 17 Board meeting, I will be requesting approval from the Board for Change Order No. 1 to the 2024 Sanitary Sewer Televising Services agreement with Sewertech, LLC for a net decrease in the contract price of \$3,418.50 and for the General Manager to sign same.

C: BOLI, CS, DM

CHANGE ORDER NO. 1

DATE OF ISSUANCE: 12-17-2024

PROJECT: 2024 Sanitary Sewer Televising Services

OWNER: Downers Grove Sanitary District

CONTRACTOR: SEWERTECH, LLC.

The following changes are hereby made to the Contract Documents:

Description: Final Balancing for Changes in Contract Quantities

Purpose of Change Order: The purpose of this Change Order is to document and approve various quantity changes based on actual work completed which led to a decrease in the total contract value.

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$ 127,622.90

Current Contract Price: \$ 127,622.90

Net decrease of this Change Order: \$ 3,418.50

Contract Price with this Change Order: \$ 124,204.40

PREPARED BY: _____

Amy R. Underwood, P.E., General Manager
DOWNERS GROVE SANITARY DISTRICT

APPROVED: _____

Amy R. Underwood, P.E., General Manager
DOWNERS GROVE SANITARY DISTRICT

ACCEPTED: _____

Jakub Kawsa, Partner
SEWERTECH, LLC.

Board of Trustees

Amy E. Sejnost

President

Jeremy M. Wang

Vice President

Mark Eddington

Clerk



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General Manager

Amy R. Underwood, P.E.

Legal Counsel

Daniel McCormick, PC

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees

From: Amy R. Underwood, General Manager

Date: December 13, 2024

Subject: Change Order No. 1 – Venard Road Force Main Replacement

Swallow Construction Corp. completed out of scope work on this project as described in the attached change order. Sewer Maintenance Supervisor Keith Shaffner reviewed and negotiated, as appropriate, each item.

As described in the attached document, this change order also includes an increase in contract time to move the final completion date to April 30, 2025.

At the December 17 Board meeting, I will be requesting approval from the Board for Change Order No. 1 to the Venard Road Force Main Replacement agreement with Swallow Construction Corp. for a net increase in the contract price of \$9,595.29 and a net increase in the contract time of 223 days and for the General Manager to sign same.

C: BOLI, CS, DM

CHANGE ORDER NO. 1

DATE OF ISSUANCE: 12-17-2024

PROJECT: Venard Road Force Main Replacement

OWNER: Downers Grove Sanitary District

CONTRACTOR: SWALLOW CONSTRUCTION CORPORATION

The following changes are hereby made to the Contract Documents:

Description:

6-11-24 T&M Attempted to locate force main from 2:00pm to 5:00pm (Reference No. 2406-01)

6-12-24 T&M for locating and modifying connection due to conflict from 7:00am to 10:00 am (Reference No. 2406-02)

7-18-24 Downtime due to inadequate force main shut down (Reference No. 2406-04)

7-18-24 Install two new valve box extensions at lift station (Reference No. 2406-05)

Increase in Contract Time.

Purpose of Change Order:

Reference No. 2406-01 and 2406-02 – The location of the existing force main as shown on the as-built plans was not accurate, and Swallow Construction had to find it and modify the connections. The cost is \$3,061.90 and \$4,026.41

Reference No. 2406-04 – The valve on the force main being removed from service did not close completely and allowed water from the in-service force main to circulate back through the force main being drained. Swallow Construction had one hour of downtime while waiting for DGSD to completely shut the flow off and empty the old force main. The cost is \$1,408.28

Reference No. 2406-05 – DGSD requested Swallow Construction to install two new valve box extensions at Venard Lift Station while they were working on site. This item was not in the Venard Force Main Replacement project. The Cost is \$1,098.70

The road striping and sod restorations that still need to be completed are weather dependent. This work will need to take place in the spring when the weather is above 50 degrees.

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$ 669,021.00

Current Contract Price: \$ 669,021.00

Net increase of this Change Order: \$9,595.29

Contract Price with this Change Order: \$ 678,616.29

CHANGE IN CONTRACT TIME:

Original Final Completion Date: September 19, 2024

Current Final Completion Date: September 19, 2024

Net increase of this Change Order: 223 days

Date for Completion of all work: April 30, 2025

PREPARED BY: _____

Keith Shaffner, Sewer Maintenance Supervisor

DOWNERS GROVE SANITARY DISTRICT

APPROVED: _____

Amy R. Underwood, P.E., General Manager

DOWNERS GROVE SANITARY DISTRICT

ACCEPTED: _____

Anthony Rendina, President

SWALLOW CONSTRUCTION CORP.

Board of Trustees

Amy E. Sejnost

President

Jeremy M. Wang

Vice President

Mark Eddington

Clerk



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General Manager

Amy R. Underwood, P.E.

Legal Counsel

Daniel McCormick, PC

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees

From: Amy R. Underwood, General Manager

Date: December 13, 2024

Subject: Change Order No. 1 – 2024 Sewer Rehabilitation

The contract for the above referenced project included replacement of a badly corroded manhole near the intersection of Powell Street and 67th Street in Downers Grove. Due to the depth of the manhole and the number of utilities surrounding it, Hoerr Construction recommended that the manhole be rehabilitated using a geopolymer coating with an epoxy top coating. District staff and Baxter & Woodman reviewed and agreed to the change request, which resulted in a credit of \$62,310.

The contract time on the signed agreement did not reflect the contract time as modified by addendum. The attached Change Order corrects the contract completion dates.

At the December 17 Board meeting, I will be requesting approval from the Board for Change Order No. 1 to the 2024 Sewer Rehabilitation agreement with Hoerr Construction, Inc. for a net decrease in the contract price of \$62,310.00 and a net increase in the contract time of 150 days and for the General Manager to sign same.

C: BOLI, CS, DM

CHANGE ORDER FORM

PROJECT: <u>2024 Sewer Rehabilitation</u>	DATE OF ISSUANCE: <u>December 12, 2024</u>
OWNER: <u>Downers Grove Sanitary District</u>	ENGINEER: <u>Baxter & Woodman, Inc.</u>
CONTRACTOR: <u>Hoerr Construction, Inc.</u>	ENGINEER's Project No. <u>2400754.00</u>

You are directed to make the following changes in the Contract Documents:

Description: Manhole Rehabilitation Revision and Time Extension

Purpose of Change Order: Cost changes associated with the field revision of the proposed manhole replacement on Powell Street. The proposed manhole removal and replacement work (Pay Items 1.6 and 1.7 totaling \$123,210) was changed to a trenchless manhole rehabilitation (\$60,900). The difference of which decreased the total contract value by \$62,310.00.

The time extension of 150 days is included to reflect an error in the signed agreement, which should have included the 240 day duration for substantial completion and 270 day duration for final completion as was set forth in the bid documents.

Attachments: None

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$1,497,724.00

Previous Change Orders:
No. - to No. - \$ 0.00

Current Contract Price: \$1,497,724.00

Net decrease of this Change Order: \$62,310.00

Contract Price with this Change Order: \$1,435,414.00

CHANGE IN CONTRACT TIME:

Original Contract Time:
Substantial Completion: November 14, 2024
Completion: December 14, 2024

Change from previous Change Orders:
N/A

Current Contract Time:
Substantial Completion: November 14, 2024
Completion: December 14, 2024

Net increase of this Change Order:
150 days

Contract Time with this Change Order:
Substantial Completion: April 13, 2025
Completion: May 13, 2025

NOTE: USE ANYTIME THE CHANGE ORDER EXCEEDS \$10,000 ± OR 30 DAYS EXTENSION.

Pursuant to 720 ILCS 5/33E-9, (1) the circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the contract was signed, (2) the change is germane to the original contract as signed, and (3) the change order is in the best interest of the Downers Grove Sanitary District.

PREPARED BY:

BAXTER & WOODMAN, INC.

APPROVED:

DOWNERS GROVE SANITARY
DISTRICT

ACCEPTED:

HOERR CONSTRUCTION, INC.

By  _____
Reggie Jansen, P.E.
Construction Project Manager

By _____
Amy R. Underwood, P.E.
General Manager

By _____

Downers Grove, Illinois

Date: December 17, 2024

Claim Ordinance No. 1944

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 **\$2,428,044.56** being in words and figures as follows:

PAYROLL END DATE: 11.23.24
 PAYROLL PAID DATE: 11.27.24
 G/L DATE: 12.31.24

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		81344.01-
01-00.2000	FEDERAL TAX WITHHELD		11912.04-
01-00.2001	STATE TAX WITHHELD		5716.76-
01-00.2002	SOCIAL SECURITY WITHHELD		8850.81-
01-00.2003	IMRF WITHHELD		4987.40-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		4510.65-
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC		150.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		438.84-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		168.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1593.09-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		236.41-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		491.73-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		472.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		212.00-
01-11.A003	GENERAL MANAGEMENT	10030.24	
01-11.A004	FINANCIAL RECORDS	8964.85	
01-11.A005	ADMINISTRATIVE RECORDS	2024.81	
01-11.A006	ENGINEERING	189.96	
01-11.A007	CODE ENFORCEMENT	12986.66	
01-11.A008	SAFETY ACTIVITIES	2139.64	
01-12.A006	ENGINEERING	1139.77	
01-12.A009	OPERATIONS MANAGEMENT	4702.19	
01-12.A011	MAINTENANCE - WWTC	14382.60	
01-12.A012	MAINTENANCE - VEHICLES	48.36	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	216.73	
01-12.A014	MAINTENANCE - ELECTRICAL	7929.96	
01-12.A021	WWTC - OPERATIONS	15776.62	
01-12.A022	WWTC - SLUDGE HANDLING	6518.01	
01-12.A030	BUILDING AND GROUNDS	3760.00	
01-13.A009	OPERATIONS MANAGEMENT	3508.16	
01-13.A041	LAB - WWTC	5918.63	
01-13.A042	LAB - PRETREATMENT	1092.70	
01-13.A048	LAB - ENERGY RECOVERY	96.57	
01-14.A006	ENGINEERING	94.98	
01-14.A051	SEWER MAINTENANCE	14080.67	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	400.00	
01-14.A066	INSPECTION - CODE ENFORCEMENT	6280.45	
01-15.A009	OPERATIONS MANAGEMENT	24.18	
01-15.A080	LIFT STATION MAINTENANCE	1514.31	
		123821.05	123821.05-

PAYROLL END DATE: 12.07.24
 PAYROLL PAID DATE: 12.13.24
 G/L DATE: 12.31.24

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		81878.19-
01-00.2000	FEDERAL TAX WITHHELD		12069.52-
01-00.2001	STATE TAX WITHHELD		5774.22-
01-00.2002	SOCIAL SECURITY WITHHELD		8954.99-
01-00.2003	IMRF WITHHELD		5014.23-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		4594.65-
01-00.2017	VOLUNTARY GROUP LIFE		224.00-
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC		150.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		438.84-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		168.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1593.09-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		236.41-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		656.72-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		473.09-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		212.00-
01-11.A003	GENERAL MANAGEMENT	11530.18	
01-11.A004	FINANCIAL RECORDS	8475.77	
01-11.A005	ADMINISTRATIVE RECORDS	2034.23	
01-11.A007	CODE ENFORCEMENT	12997.56	
01-11.A008	SAFETY ACTIVITIES	1753.51	
01-12.A006	ENGINEERING	474.90	
01-12.A009	OPERATIONS MANAGEMENT	4714.86	
01-12.A011	MAINTENANCE - WWTC	18998.09	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	126.55	
01-12.A014	MAINTENANCE - ELECTRICAL	3502.81	
01-12.A021	WWTC - OPERATIONS	13523.54	
01-12.A022	WWTC - SLUDGE HANDLING	6412.23	
01-12.A030	BUILDING AND GROUNDS	3780.31	
01-13.A009	OPERATIONS MANAGEMENT	4140.77	
01-13.A041	LAB - WWTC	6185.04	
01-13.A042	LAB - PRETREATMENT	460.09	
01-13.A048	LAB - ENERGY RECOVERY	96.57	
01-14.A051	SEWER MAINTENANCE	13684.77	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	400.00	
01-14.A066	INSPECTION - CODE ENFORCEMENT	6147.20	
01-15.A009	OPERATIONS MANAGEMENT	338.49	
01-15.A080	LIFT STATION MAINTENANCE	5397.79	
		125175.26	125175.26-

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
ACCURATE OFFICE SUPPLY	A000093	12/06/24	626936	01-11.B116	TAX PREP FORMS	161.76	161.76	065216	
ACI Payments Inc.	A000096	11/18/24	1000127327	01-11.B100	OLR FEES	30.40	30.40	106317	
ALLIED GARAGE DOOR, INC.	A000253	12/06/24	0000228588	01-12.B804	GRIT BLDG ROLL UP DR RPR	178.50			
		12/06/24	0000228589	01-12.B812	MSB OVERHEAD DOOR	11513.83	11692.33	065217	
ALTORFER INDUSTRIES, INC.	A000292	12/06/24	PM6A0032582	01-12.B513	EMERG GEN 1 OIL SAMPLE	180.00			
		12/06/24	PM6A0032583	01-12.B513	EMERG GEN 3 OIL SAMPLE	180.00			
		12/06/24	PM6A0032584	01-12.B513	EMERG GEN 2 OIL SAMPLE	180.00	540.00	106318	
Amazon Business	A000296	11/14/24	11CT4YQX3LXQ	01-12.B116	CALENDAR/HEADSET	94.89			
		11/04/24	13DRKWXVJ6FD	01-14.C226	VEHICLE STROBE LIGHTS	92.12			
		11/18/24	14MXHDG63R9L	01-12.B117	MM OUTERWEAR	64.99			
		12/10/24	16V1D6G319KH	01-11.B115	MONITOR ADAPTORS	44.82			
		11/21/24	1DT3CR9MT7LW	01-12.B116	SOCKET SET/HEAD LAMP	47.62			
		10/23/24	1F7Y7HWQMN9W	01-12.B116	WATER COOLER FILTERS	194.00			
		11/22/24	1HG9NRG3NXRK	01-13.B116	PAPER TOWELS	45.88			
		11/06/24	1HNXC9JR1HGV	01-14.C226	VEHICLE STROBE LIGHTS	92.12			
		11/22/24	1J96QMMGRMW	01-14.B117	EB OUTERWEAR	449.45			
		12/09/24	1JPYYTTWJJKQ	01-11.B116	OFFICE SUPPLIES	71.49			
		12/10/24	1KQJJ6YHRGVL	01-11.B115	BARCODE SCANNER	84.99			
		11/19/24	1L73XYT49Y34	01-12.B512	STROBE LIGHTS/CLAMP METER	474.15			
		10/23/24	1L91MM9QPQLX	01-12.B113	NITRILE GLOVES	78.97			
		10/23/24	1L91MM9QPQLX	01-12.B116	BATTERIES/LAPTOP ADAPTOR	24.48			
		12/03/24	1LLP9VF7391D	01-11.B115	OFFICE SUPPLIES	75.18			
		11/26/24	1LVJ13XYKMX	01-12.B117	MR OUTERWEAR	53.96			
		11/14/24	1MKXRPTJ1XVL	01-12.B117	MR OUTERWEAR	33.97			
		10/23/24	1N7LTTJVNGLL	01-12.B513	CHP 1 & 2 FILTERS	207.40			
		11/20/24	1NLJRDPFX6CR	01-12.B116	DRILL BIT/BROOM HANDLES	78.54			
		12/02/24	1PJNMQLX1V6W	01-12.B511	40 AMP CONTACTOR	33.98			
		11/22/24	1QDRTPFTGVF	01-11.B115	MONITORS	270.11			
		11/19/24	1QGQ61NL7349	01-12.B116	REPLACEMENT OFFICE HEATER	64.62			
		11/27/24	1TGNNPV93CR4	01-11.B115	HEADPHONES/HEATER	110.41			
		11/25/24	1X543VX1Y97P	01-13.B115	CALENDARS	80.01	2868.15	106319	
APPLIED IND. TECHNOLOGIES	A000440	11/19/24	7030965069	01-12.B506	PRIME CLAR DRIVE CHAIN	2388.62			
		11/15/24	9000541671	01-12.B506	INCORRECT PART RETURN	2201.23-	187.39	106320	
AUTOZONE - AZ COMMERCIAL	A000600	12/02/24	02576719253	01-12.B116	BRAKE CLEANER	107.64			
		12/04/24	02576720800	01-12.B512	MSB SUPPLIES	61.05			
		12/04/24	02576720829	01-11.C225	OIL CHANGE SUPPLIES	37.23			
		12/04/24	02576720831	01-14.C225	OIL CHANGE FILTER	10.99			
		12/04/24	02576720886	01-12.C225	ANTIFREEZE/COOLANT	13.71			
		12/04/24	02576721033	01-12.C225	WATER PUMP	94.99			
		12/06/24	02576722074	01-12.C225	WATER PUMP	75.99			
		12/06/24	02576722075	01-12.C225	WATER PUMP RETURN CREDIT	94.99-			
		12/06/24	02576722105	01-11.C225	WASHER CAP REPLACE	5.19			
		12/06/24	02576722105	01-12.B512	SUPPLIES	23.81			
		12/03/24	0276720230	01-11.C225	OIL CHANGE FILTER	5.99	341.60	065218	
BATTERIES PLUS	B000066	11/12/24	P77630053	01-12.C225	CORE CREDIT CHP 1 BATTERY	90.00-			
		12/21/24	P77898939	01-14.C225	REPLACEMENT BATTERY	231.75	141.75	065253	

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO			
BAXTER & WOODMAN, INC.	B000120	11/18/24	0265987	01-11.B124	FLOW MONITORING	380.28					
		11/18/24	0265990	01-14.B902	OUTFALL SEWER SAG CS	387.60					
		11/18/24	0266004	01-13.B124	PRETREATMENT ASSIST 2024	497.50					
		11/18/24	0266017	01-14.B902	ROGERS ST SWR RPLC DESIGN	1921.25					
		11/18/24	0266031	01-11.B124	FACILITY PLAN	9471.25	12657.88	106321			
ROBERT EGAN PLUMBING	B000267	11/19/24	5921	01-14.B910	SHEAR REPAIR	500.00	500.00	065219			
BradyIFS	B000319	11/19/24	9470213	01-12.B116	MSB SUPPLIES	286.33					
		11/21/24	9480362	01-12.B116	MSB SUPPLIES	316.93					
		12/21/24	9482586	01-12.B116	MSB SUPPLIES	150.66					
		12/11/24	9543440	01-12.B116	MSB SUPPLIES	284.82	1038.74	106322			
BREUER METAL CRAFTSMEN INC.	B000330	11/13/24	15394	01-12.B511	INT CLAR 2 RAILING	23828.70	23828.70	065220			
CINTAS #344	C000300	10/29/24	4209838807	01-12.B117	PLANT UNIFORMS	112.77					
		10/29/24	4209838807	01-14.B117	SS UNIFORMS	42.08					
		11/19/24	4212066160	01-12.B117	PLANT UNIFORMS	107.32					
		11/19/24	4212066160	01-14.B117	SS UNIFORMS	46.38					
		11/25/24	4212697120	01-12.B117	PLANT UNIFORMS	162.70					
		11/25/24	4212697120	01-14.B117	SS UNIFORMS	46.38					
		12/03/24	4213433066	01-12.B117	PLANT UNIFORMS	105.37					
		12/03/24	4213433066	01-14.B117	SS UNIFORMS	46.38					
		12/10/24	4214197662	01-12.B117	PLANT UNIFORMS	105.37					
		12/10/24	4214197662	01-14.B117	SS UNIFORMS	46.38	821.13	065221			
		CLOUDMELLOW	C000333	12/01/24	245202	01-11.B115	MONTHLY WEB HOSTING	95.00	95.00	065254	
		CLOVERLEAF TOOL CO	C000335	12/06/24	57581	01-14.B115	RODDER SAW BLADES	348.83	348.83	106323	
COLLEY ELEVATOR CO.	C000370	12/01/24	272021	01-12.B113	ELEVATOR INSPECTION	866.00	866.00	106324			
COMCAST	C000373	12/03/24	877120120055	01-11.B112	BACK UP INTERNET	144.85	144.85	065222			
Comcast	C000375	12/04/24	001001658436	01-11.B112	INTERNET SERVICE	835.21	835.21	065223			
COMED	C000380	11/13/24	0464955000	01-15.B100	COLLEGE LS ELECTRIC	530.09					
		11/13/24	0771764000	01-15.B100	LIB PARK LS ELECTRIC	458.74					
		11/13/24	1557021222	01-15.B100	EARLSTON LS ELECTRIC	348.90					
		11/13/24	2125907000	01-15.B100	CENTEX LS ELECTRIC	112.52					
		11/15/24	2334423333	01-15.B100	NORTHWEST LS ELECTRIC	1285.08					
		11/22/24	2764819000	01-12.B100	BIG TOP ELECTRIC	73.62					
		11/15/24	3843274000	01-15.B100	HOBSON LS ELECTRIC	2188.56					
		11/13/24	4675132222	01-15.B100	WROBLE LS ELECTRIC	757.75					
		11/20/24	6828085000	01-15.B100	VENARD LS ELECTRIC	492.85					
		11/22/24	8159307000	01-12.B100	WALNUT HSE ELECTRIC	89.37					
		11/22/24	8159307000	01-14.B910	BSSRAP PROGRAM ELECTRIC	119.22					
		11/13/24	9286103000	01-12.B100	BUTTERFIELD LS ELECTRIC	202.04					
		10/24/24	9492723333	3	01-11.B100	ADMIN AUGUST ELECTRIC	210.79				
		10/24/24	9492723333	3	01-12.B100	PLANT AUGUST ELECTRIC	3859.85				
		09/26/24	9492723333	4	01-11.B100	ADMIN JULY ELECTRIC	233.27				
		09/26/24	9492723333	4	01-12.B100	PLANT JULY ELECTRIC	8474.95				
		11/27/24	9492723333	5	01-11.B100	ADMIN NOVEMBER ELECTRIC	156.14				
11/27/24	9492723333	5	01-12.B100	PLANT NOVEMBER ELECTRIC	2210.35						
10/25/24	9492723333	6	01-11.B100	ADMIN SEPTEMBER ELECTRIC	280.61						
10/25/24	9492723333	6	01-12.B100	PLANT SEPTEMBER ELECTRIC	952.44	23037.14	065224				

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CONCENTRIC INTEGRATION, LLC	C000410	11/18/24	0265992	01-12.B513	SCADA SFTWR RPLC PHS 2	9003.75			
		11/18/24	0265999	01-12.B513	WWTP PLC UPGRD PHS 3	9258.67			
		11/18/24	0266013	01-11.B115	2024-2025 MANAGED SUPPORT	2434.00			
		11/18/24	0266013	01-12.B513	2024-2025 MANAGED SUPPORT	3651.00			
		11/18/24	0266015	01-11.B115	2024-2025 T&M SUPP SVCS	477.50			
		11/18/24	0266015	01-12.B513	2024-2025 T&M SUPP SVCS	42.48	24867.40		106325
THE CONSERVATION FOUNDATION	C000420	11/05/24	13438	01-12.B117	SALTING WEBINAR	85.00	85.00		065225
COVERALL NORTH AMERICA, INC	C000557	12/01/24	1010736602	01-11.B110	ADMIN CTR CLEANING	489.00	489.00		106326
CURTIS MARTIN GROUP, INC.	C000660	11/27/24	9098	01-11.B115	BILLING/AP ISSUE ASSIST	360.00			
		12/09/24	9108	01-11.B115	ACCT SYSTEM ASSISTANCE	360.00	720.00		106327
DANIEL MCCORMICK, P. C.	D000035	11/30/24	20	01-11.B124	LEGAL SERVICES	1705.00	1705.00		065226
DELTA SONIC	D000220	11/29/24	0021136	01-14.C225	SS CAR WASHES	49.98			
		06/27/24	0021309	01-14.C225	VEHICLE DETAILING	131.99	181.97		065227
VILLAGE OF DOWNERS GROVE	D000480	11/15/24	17653	01-11.B121	NOVEMBER METER READINGS	491.12			
		12/05/24	18997	01-11.C222	ADMIN CTR FUEL	147.27			
		12/05/24	18997	01-12.C222	PLANT FUEL	951.06			
		12/05/24	18997	01-13.C222	LAB FUEL	56.27			
		12/05/24	18997	01-14.C222	SS FUEL	1475.49			
		12/06/24	19071	01-12.B113	ANNUAL ALARM BILL	445.00	3566.21		065228
DUPAGE COUNTY RECORDER	D000620	11/05/24	40602028	01-11.B121	SEWER LIEN RELEASES	456.00	456.00		065229
EDWARD OCCUPATIONAL HEALTH	E000027	10/31/24	0019251100	01-11.B113	FLU VACCINATIONS	682.50	682.50		065230
EXODUS TECHNOLOGY SERVICE	E000480	11/30/24	24187	01-11.B124	OCTOBER IT SERVICES	3356.50			
		11/30/24	24188	01-11.B124	NOVEMBER IT SERVICES	2940.00	6296.50		065231
EYE MED VISION CARE	E000600	11/30/24	166575360	01-17.E455	VISION INSURANCE	480.29	480.29		065232
FEDEX KINKO'S	F000075	12/02/24	BDFKK0010128	01-13.B116	BINDER COVERS	27.45	27.45		065233
FirstComm	F000136	12/06/24	127387514	01-11.B112	ADMIN CTR PHONES	302.98			
		12/06/24	127387514	01-12.B112	PLANT PHONES	319.07			
		12/06/24	127387514	01-13.B112	LAB PHONES	58.59			
		12/06/24	127387514	01-14.B112	SS PHONES	170.75	851.39		065255
FIRST ENVIRONMENTAL LAB	F000140	11/25/24	187588	01-13.B123	NOV MONTHLY NPDES 2024	117.60			
		12/05/24	187792	01-13.B123	FALL 2024 SEMI ANN NPDES	1477.80			
		12/11/24	187929	01-13.B123	NOV BIOSOLIDS NUT-METALS	322.80	1918.20		106328
GSM ENGINEERED FABRICS, LLC	G000080	12/05/24	GSM7475	01-12.B509	UPP/LWR BELT PRESS BELTS	3717.94	3717.94		106329
GASVODA & ASSOCIATES INC.	G000200	11/21/24	24PTS0426	01-15.B524	HOBSON PMP 4 OVERHAUL	17452.44	17452.44		065234
GEORGE'S LANDSCAPING	G000260	12/01/24	NOVEMBER2024	01-11.B118	ADMIN CTR MOWING/TRIMMING	580.80			
		12/01/24	NOVEMBER2024	01-12.B812	PLANT MOWING/TRIMMING	4567.45			
		12/01/24	NOVEMBER2024	01-15.B521	CENTEX LS MOWING	191.45			
		12/01/24	NOVEMBER2024	01-15.B820	BUTTERFIELD LS MOWING	191.45			
		12/01/24	NOVEMBER2024	01-15.B823	EARLSTON LS MOWING	191.45			
		12/01/24	NOVEMBER2024	01-15.B824	HOBSON LS MOWING	191.45			
		12/01/24	NOVEMBER2024	01-15.B825	LIB PARK LS MOWING	191.45			
		12/01/24	NOVEMBER2024	01-15.B826	NORTHWEST LS MOWING	191.45			
		12/01/24	NOVEMBER2024	01-15.B827	VENARD LS MOWING	191.45			
		12/01/24	NOVEMBER2024	01-15.B828	WROBLE LS MOWING	191.45	6679.85		106330
W. W. GRAINGER, INC.	G000520	02/13/24	9000695461	01-12.B812	BULBS - STOCK	128.60			
		11/15/24	9317471903	01-15.B529	PORT GEN RPR SUPPLIES	49.24			

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
		11/15/24	9318457018	01-12.B113	DISPOSABLE GLOVES	153.20			
		11/15/24	9318652881	01-13.B114	GRANULAR ZINC SULFATE	160.72			
		11/19/24	9320705776	01-12.B113	SAFETY SUPPLIES - ROPE	599.07			
		11/19/24	9321033202	01-12.B512	MSB SUPPLIES	92.00			
		11/19/24	9321315328	01-12.B507	RAILING INSTALL SUPPLIES	92.37			
		11/21/24	93223314162	01-15.B113	PORTABLE GAS DETECTOR	1212.34			
		11/22/24	9325322353	01-15.B529	DRILL BIT	23.55			
		11/26/24	9327806502	01-15.B529	STRAIGHT FLUTE TAP	50.60			
		12/02/24	9331735291	01-12.B501	DUMP TRK BACK UP LIGHT	86.36			
		12/03/24	9333104686	01-12.B507	RAILING INSTALL SUPPLIES	34.30			
		12/03/24	9333722305	01-12.B116	PAINT MARKER	9.12			
		12/04/24	9334409563	01-12.B117	MR OUTERWEAR	20.38			
		12/04/24	9334409571	01-12.B510	TIME DELAY	28.46			
		12/04/24	9334409589	01-12.B113	SAFETY SUPPLIES CREDIT	461.34-			
		12/05/24	9335908654	01-12.B512	HEX KEY	2.42			
		12/05/24	9336957379	01-14.B113	FALL PROTECT HARNESS	433.16			
		12/06/24	9337794110	01-12.B512	CLAMP METER	364.58			
		12/09/24	9340382226	01-12.B117	CREDIT	20.38-	3058.75	106331	
JESSICA GWOZDZ	G000630	11/22/24	REIMBURSE	01-11.B117	JG OUTERWEAR	81.11			
		11/25/24	REIMBURSE1	01-11.B117	OSHA CLASS MILEAGE	15.01	96.12	106332	
HACH COMPANY	H000040	11/13/24	14258214	01-13.B114	LAB CHEMICALS	108.87			
		12/03/24	14278392	01-13.B115	BOTTLE CONVERSION KIT	2632.00			
		11/13/24	2230407	01-13.B114	RETURNED TEST KITS	1260.00-	1480.87	106333	
HARBOR FREIGHT TOOLS	H000060	11/18/24	118F5434	01-14.B913	SS TOOLS	25.98	25.98	106334	
HOERR CONSTRUCTION INC.	H000372	10/31/24	124677REV1	01-14.B903	2024 SEWER REHABILITATION	1139185.62	1139185.62	106335	
HOME DEPOT	H000400	11/20/24	2021335	01-12.B512	MSB SUPPLIES	21.57			
		11/20/24	2021335	01-12.B812	LCKR RM UPGRD SUPPLIES	17.26			
		12/10/24	2023111	01-12.B512	CP TOOL REPLACEMENT	44.37			
		12/09/24	3043276	01-12.B117	MR OUTERWEAR	45.94			
		11/18/24	4041646	01-15.B529	PORT GEN SPRAY PAINT	19.96			
		11/26/24	6020130	01-15.B523	MOUSE TRAP	2.97			
		11/06/24	6622448	01-14.B913	BSSRAP SUPPLIES	30.30			
		11/14/24	8041397	01-12.B812	LCKR RM UPGRD SUPPLIES	18.65			
		11/14/24	8523814	01-12.B812	LCKR RM UPGRD SUPPLIES	103.16			
		12/03/24	9022476	01-12.B812	LCKR RM UPGRD SUPPLIES	40.89	345.07	065235	
INFOSEND, INC.	I000415	11/29/24	275884	01-11.B121	MAILING SERVICES	5333.55	5333.55	106336	
JC CROSS COMPANY	J000012	11/22/24	73418	01-12.B512	DIG 4 COMPRESSOR REBUILD	8563.00	8563.00	065236	
KANSAS CITY LIFE INSURANCE CO	K000045	12/01/24	1664098	01-17.E455	LIFE INSURANCE	412.50	412.50	106337	
LAI, LTD	L000012	11/22/24	2461678	01-12.B505	RAW SEW PMP 1 GASKET	341.18	341.18	106338	
LEWIS G. BENDER PH.D.	L000227	08/25/24	TRAINING	01-11.B117	SUPS WRAP UP MEETING	954.40			
		08/25/24	TRAINING	01-12.B117	SUPS WRAP UP MEETING	954.40			
		08/25/24	TRAINING	01-13.B117	SUPS WRAP UP MEETING	477.14			
		08/25/24	TRAINING	01-14.B117	SUPS WRAP UP MEETING	954.40	3340.34	065237	
LIFELINK EMS	L000240	12/04/24	120424	01-11.B113	AED/CASE	3910.00	3910.00	106365	
JOE MAGIERA	M000070	11/16/24	REIMBURSE	01-12.B117	JM OUTERWEAR	194.94	194.94	106339	
MCMaster-CARR SUPPLY COMPANY	M000360	11/14/24	36554336	01-12.B506	STEEL ANCHOR STUD	120.90			

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		12/06/24	37557893	01-12.B812	SHEET METAL SCREWS	17.22	138.12	106340
MENARDS - BOLINGBROOK	M000430	12/02/24	79469	01-12.B812	LCKR RM UPGRD SUPPLIES	318.29		
		12/03/24	79508	01-15.B527	CABINET HEATER	127.17	445.46	065238
MICRO CENTER	M000550	11/25/24	6542227	01-13.B115	UPS LAB SAMPLER/STOCK	109.98	109.98	106341
MIDAMERICA ADMINISTRATIVE	M000556	12/11/24	0279714	01-17.E455	HRA FUNDING ADMIN FEE	180.00	180.00	106342
MID AMERICAN WATER	M000558	11/01/24	241312A	01-14.B913	CLEANOUTS W/LIDS	2304.00		
		11/18/24	241660A	01-14.B913	NON SHEAR COUPLINGS	3762.00		
		11/15/24	241926A	01-14.B913	BSSRAP SUPPLIES	817.20	6883.20	065256
MIDWEST ENVIRONMENTAL CONSULTINM000571		11/25/24	241123	01-12.B507	LEAD ABATEMENT CS	6600.00		
		11/25/24	241123	01-12.B511	LEAD ABATEMENT CS	6600.00	13200.00	065257
MOTION INDUSTRIES, INC.	M000750	12/10/24	1000794496	01-12.B506	PRIM 8 CROSS COLL PARTS	2228.86		
		12/10/24	1000794497	01-12.B506	PRIM 8 CROSS COLL PARTS	240.50	2469.36	106343
NCPERS GROUP LIFE INSURANCE	N000010	12/01/24	3266012025	01-00.2017	VOLUNTARY LIFE INSURANCE	224.00	224.00	106344
NALCO WATER PRETREATMENT	N000030	12/04/24	6660314861	01-13.B116	LAB SUPPLIES	523.91	523.91	106345
NAPA AUTO PARTS	N000040	09/27/24	910370	01-11.C225	RETURNED ALTERNATOR	257.49-		
		11/15/24	917564	01-15.B529	PORT GEN FUSE HOLDER	8.50		
		11/25/24	918835	01-14.B115	WIPER BLADES	24.98		
		12/03/24	919771	01-12.B116	MSB SUPPLIES	59.28		
		12/03/24	919771	01-14.C225	WIPER REPLACEMENT	24.98	139.75-	065239
NISSEN ENERGY INC	N000350	11/21/24	452	01-12.B513	CHP 1&2 MAINT PARTS	127.00	127.00	106346
Northwest Electric Motor Co.	N000565	12/11/24	2412054	01-15.B528	WROBLE PMP 2 MTR OVERHAUL	7371.73	7371.73	065240
PETTY CASH	P000350	12/17/24	CASH BOX	01-11.B113	SNACKS FOR SAFETY MEETING	12.71		
		12/17/24	CASH BOX	01-11.B116	OFFICE SUPPLIES	8.10		
		12/17/24	CASH BOX	01-11.B119	POSTAGE	6.45		
		12/17/24	CASH BOX	01-12.B117	MH CDL PERMIT	50.00		
		12/17/24	CASH BOX	01-13.B122	ICE	8.23		
		12/17/24	CASH BOX	01-14.B116	BUSINESS CARDS	37.97	123.46	065241
PHENOVA	P000360	11/15/23	199784	01-13.B114	LAB CHEMICALS	148.30		
		01/22/24	201333	01-13.B114	LAB CHEMICALS	527.90	676.20	106347
PIRTEK O'HARE	P000380	12/03/24	BOT00021553	01-12.B501	HYDRAULIC HOSE	199.98	199.98	065242
POLYDYNE INC.	P000395	11/15/24	1881378	01-12.B402	BELT PRESS POLYMER	4611.06	4611.06	106348
PORTABLE JOHN, INC	P000410	12/04/24	291905	01-12.B812	PORTABLE JOHN RENTAL	205.04	205.04	106349
PRECISION TODAY	P000643	12/03/24	387667765	01-14.B904	PRAIRIE AVE LINER INSTALL	23494.37	23494.37	065258
PRINCIPAL LIFE INSURANCE CO	P000650	12/01/24	109309910001	01-17.E455	DENTAL INSURANCE	3194.25	3194.25	106350
QUADIENT LEASING	Q000250	11/22/24	Q1609147	01-11.B115	POST MACHINE LEASE	641.04	641.04	106351
QUADIENT, INC	Q000251	11/06/24	17540689	01-11.B116	POST MACH SEAL SOLUTION	66.00	66.00	065259
REGIONAL TRUCK EQUIPMENT CO.	R000166	11/14/24	282202	01-12.B812	PLOW PARTS/FILTERS	159.83	159.83	065243
RED WING SHOE STORE	R000180	11/22/24	153186	01-12.B117	ST BOOTS	178.49		
		11/22/24	4511523195	01-12.B117	MH BOOTS	195.73	374.22	106352
REPUBLIC SERVICES	R000264	11/15/24	055101609470	01-12.B102	GRIT SCREEN DUMPSTER	1127.64	1127.64	065244
SEWERTECH LLC	S000275	11/21/24	2419	01-14.B124	2024 SWR TELEVISE PROJECT	124204.40	124204.40	106353
CARLY SHAW	S000305	12/12/24	REIMBURSE	01-11.B137	SHRM MEMBERSHIP	264.00	264.00	106354
SHERWIN-WILLIAMS CO.	S000320	12/03/24	03349	01-15.B524	HBSN PMP 4 PAINT SUPPLIES	269.71	269.71	106355
Sievert Crane & Hoist	S000370	11/30/24	10008147	01-12.B113	ANNUAL CRANE INSPECTION	675.00	675.00	065260
SPECIALTIES DIRECT	S000499	11/05/24	2440303IN	01-12.B812	MSB LCKR RM UPGRADE	3056.00	3056.00	106356
STAPLES INC.	S000640	11/11/24	6018281684	01-11.B116	C-FOLD PAPER TOWELS	74.34		

===== VENDOR =====		===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		11/06/24	6018281685	01-11.B116	OFFICE SUPPLIES	36.98		
		11/22/24	6018281687	01-11.B116	OFFICE SUPPLIES	254.33	365.65	106357
STEPHENS PLUMBING AND	S000680	11/27/24	278134	01-14.B910	SHEAR REPAIR	805.50	805.50	065245
SUNBELT RENTALS	S000799	12/10/24	163069121001	01-12.B116	FORKLIFT FUEL	42.45	42.45	065261
TELCO BILL CENTER	T000155	12/01/24	5594	01-12.B112	ELEVATOR PHONES	39.91	39.91	106358
TERRACE SUPPLY COMPANY	T000250	11/30/24	0001064407	01-12.B116	CYLINDER RENTAL	45.60		
		12/05/24	0071060535	01-12.B116	MSB SUPPLIES	240.49	286.09	106359
THERMO FISHER SCIENTIFIC COMPANT	T000280	05/15/23	2973984	01-13.B116	TEDLAR BAG	212.50		
		02/12/24	9857409	01-13.B116	PIPETTE PAPER PEEL	227.10		
		02/14/24	9896177	01-13.B116	POWDER DETERGENT	254.52	694.12	106360
USABLUEBOOK	U000150	11/18/24	00544625	01-12.B511	CHECK VALVE	1681.58		
		11/21/24	00549196	01-12.B113	SAFETY STATION	558.55		
		11/26/24	00553512	01-13.B116	LAB SUPPLIES	128.97		
		11/26/24	00553559	01-13.B116	LAB SUPPLIES	230.85		
		12/05/24	00560600	01-12.B116	DIPPER HANDLE/CUP	99.91		
		12/06/24	00561173	01-12.B116	SAMPLER SYSTEM	235.15	2935.01	065246
AMY UNDERWOOD	U000189	11/25/24	REIMBURSE 2	01-11.B113	NFPA 400 & 820	312.50	312.50	106361
UNITED PARCEL SERVICE	U000300	11/16/24	0003Y0091464	01-13.B116	SHIPPING SERVICES	157.85	157.85	065247
UNO CONSTRUCTION CO., INC.	U000450	11/30/24	NOVEMBER2024	01-14.B910	BSSRAP PROGRAM	108267.12	108267.12	106362
VWR INTERNATIONAL INC.	V000030	11/04/24	8817526230	01-13.B116	PIPETTE TIPS	156.53		
		12/02/24	8817739148	01-13.B114	LAB CHEMICALS	1207.50	1364.03	065248
VERIZON WIRELESS	V000135	12/01/24	6100057748	01-11.B112	ADMIN CTR CELL PHONES	216.59		
		12/01/24	6100057748	01-12.B112	PLANT CELL PHONES	920.52		
		12/01/24	6100057748	01-13.B112	LAB CELL PHONES	157.00		
		12/01/24	6100057748	01-14.B112	SS CELL PHONES	485.80		
		12/01/24	6100057749	01-12.B112	ADMIN CTR TABLETS	165.25		
		12/01/24	6100057749	01-14.B112	SS TABLETS	30.06		
		12/01/24	6100057749	01-15.B112	LS TABLETS	36.21		
		11/28/24	9979888839	01-12.B112	RAIN GAUGE	69.69		
		11/28/24	9979888839	01-15.B112	LS REMOTE COMS	269.53	2350.65	065249
VILLA PARK ELECTRICAL SUPPLY	V000145	12/12/24	27453500	01-12.B512	ELECTRICAL SUPPLIES	18.24	18.24	065250
WAGNER COMMUNICATIONS, INC	W000070	12/01/24	000034792941	01-11.B112	ANSWERING SERVICE	314.77	314.77	106363
WASTE MANAGEMENT SERVICES, INC.	W000170	12/04/24	003256620091	01-12.B102	DISPOSAL/RECYCLING	545.24	545.24	106366
WESTFAX	W000350	12/01/24	1475800	01-11.B112	FAXING SERVICE	8.99	8.99	106364
WEST SIDE TRACTOR SALES CO.	W000380	12/03/24	N61629	01-12.B501	HYDRAULIC OIL	136.30	136.30	065251
VILLAGE OF WESTMONT	W000450	11/22/24	1655	01-11.B121	METER READINGS	370.01		
		12/22/24	1656	01-11.B121	WATER SHUT OFFS	100.00	470.01	065252
						=====	=====	
					Total Payments:	1630591.56	1630591.56	
					ACH Payments Total:	1463071.97	.00	
					Check Payments Total:	167519.59	1630591.56	

===== VENDOR =====		===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CHASE	B000050	11/27/24	EMPLPR112324	01-00.2000	FEDERAL TAX WITHHELD	11912.04		
		11/27/24	EMPLPR112324	01-00.2002	EMPL SOC SEC TAX	8850.81		
		11/27/24	EMPLPR112324	01-17.E461	EMPLR SOC SEC TAX	8850.82	29613.67	106243
CHASE	B000050	12/16/24	EMPLPR120724	01-00.2000	FEDERAL TAX WITHHELD	12069.52		
		12/16/24	EMPLPR120724	01-00.2002	EMPL SOC SEC WITHHELD	8954.99		
		12/16/24	EMPLPR120724	01-17.E461	EMPLR SOC SEC WITHHELD	8955.00	29979.51	106258
BOB RIDINGS INC	B000269	11/21/24	FL2967FL2972	01-14.C226	SS SUPS PICK UPS	63726.00	63726.00	065107
BRICK HOUSE TAVERN & TAP	B000322	12/04/24	HOLIDAYLUNCH	01-11.B117	HOLIDAY LUNCH	476.85		
		12/04/24	HOLIDAYLUNCH	01-12.B117	HOLIDAY LUNCH	650.00		
		12/04/24	HOLIDAYLUNCH	01-13.B117	HOLIDAY LUNCH	130.00		
		12/04/24	HOLIDAYLUNCH	01-14.B117	HOLIDAY LUNCH	390.15	1647.00	065167
D.G. SANIT DIST #XXXXXXXXX1117	D000400	12/17/24	REIMBURSE	01-00.1001	PAYROLL REIMBURSEMENT	163222.20	163222.20	106255
D.G. SANIT DIST #XXXXXXXXX1114	D000420	12/17/24	USER REFUND	01-05.3001	USER REFUND	2170.66	2170.66	106250
D.G. SANIT DIST #XXXXXXXXX1112	D000440	12/17/24	REIMBURSE	01-11.B120	EMBROIDERY	98.00		
		12/17/24	REIMBURSE	01-12.B116	MSB SUPPLIES	100.36		
		12/17/24	REIMBURSE	01-14.B910	RODDING FEE REFUND	1778.12	1976.48	106256
DUPAGE CREDIT UNION	D000650	11/27/24	EMPLPR112324	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	106246
DUPAGE CREDIT UNION	D000650	12/13/24	EMPLPR120724	01-00.2013	EMPL AUTHORIZED DEPOSIT	2737.00	2737.00	106257
HEALTH CARE SERVICE CORP.	H000190	11/27/24	165585	01-17.E455	HEALTH INSURANCE	53720.68	53720.68	106237
HOLY COW SPORTS	H000377	12/04/24	242534242533	01-11.B120	EMBROIDERY	143.00		
		12/04/24	242534242533	01-12.B117	HATS	258.34		
		12/04/24	242534242533	01-13.B117	HATS	258.34		
		12/04/24	242534242533	01-14.B117	HATS	258.32	918.00	065166
ILLINOIS DEPARTMENT OF REVENUE	I000240	11/27/24	EMPLPR112324	01-00.2001	STATE TAX WITHHELD	5716.76	5716.76	106244
ILLINOIS DEPARTMENT OF REVENUE	I000240	12/16/24	EMPLPR120724	01-00.2001	STATE TAX WITHHELD	5774.22	5774.22	106262
ILLINOIS MUNICIPAL	I000300	12/10/24	PENSION	01-00.2003	EMPL PENSION DEPOSIT	15494.17		
		12/10/24	PENSION	01-00.2014	EMPLR PENSION DEPOST	14401.66		
		12/10/24	PENSION	01-17.E460	EMPL VOL PENSION DEPOSIT	18598.06	48493.89	106249
ILLINOIS MUNICIPAL	I000300	09/30/24	PENSON 2	01-00.2003	EMPL PENSION DEPOSIT	345.59		
		09/30/24	PENSON 2	01-17.E460	EMPL VOL PENSION DEPOSIT	433.14	778.73	106254
MIDAMERICA ADMIN HRA ACCOUNT	M000557	12/04/24	HRA FUND	01-17.E455	HRA FUND	800.00	800.00	106248
MISSION SQUARE RETIREMENT	M000600	11/26/24	EMPLPR112324	01-00.2020	DEF COMP IPPFA	150.00	150.00	106242
MISSION SQUARE RETIREMENT	M000600	12/13/24	EMPLPR120724	01-00.2020	DEF COMP ICMARC	150.00	150.00	106259
SELECTIVE INSURANCE COMPANY	S000210	11/25/24	417-147-515	01-17.E452	VECHICLE ADD ONS	5131.00	5131.00	065165
CARLY SHAW	S000305	11/25/24	REIMBURSE	01-11.B117	SUPS LUNCH/ADM GIFT CARDS	629.21		
		11/25/24	REIMBURSE	01-11.B118	ADMIN CTR ART WORK	420.64		
		11/25/24	REIMBURSE	01-12.B117	PLANT GIFT CARDS	800.00		
		11/25/24	REIMBURSE	01-13.B117	LAB GIFT CARDS	150.00		
		11/25/24	REIMBURSE	01-14.B117	SS GIFT CARDS	450.00	2449.85	106240
SUTTON FORD COMMERCIAL TRUCK	CES000905	11/25/24	2024FORD350	01-12.C226	LIFT STATION TRUCK	99706.00	99706.00	106238
TRANSAMERICA RETIREMENT	T000415	11/27/24	EMPLPR112324	01-00.2026	DEF COMP IPPFA	491.73		
		11/27/24	EMPLPR112324	01-00.2027	DEF COMP IPPFA ROTH	472.00		
		11/27/24	EMPLPR112324	01-00.2028	DEF COMP IPPFA LOAN REPAY	212.00	1175.73	106245
TRANSAMERICA RETIREMENT	T000415	12/13/24	EMPLPR120723	01-00.2026	DEF COMP IPPFA	656.72		
		12/13/24	EMPLPR120723	01-00.2027	DEF COMP IPPFA ROTH	473.09		
		12/13/24	EMPLPR120723	01-00.2028	DEF COMP IPPFA LOAN REPAY	212.00	1341.81	106263

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
U.S. POSTAL SERVICE	U000130	11/22/24	REFILL	01-11.B119	POSTAGE METER REFILL	1000.00	1000.00	106241
U.S. POSTAL SERVICE	U000130	09/03/24	ANNUAL FEE	01-11.B119	POSTAGE MTR ANNUAL FEE	50.00	50.00	106251
						=====	=====	
					Total Payments:	525166.19	525166.19	
					ACH Payments Total:	453744.19	.00	
					Check Payments Total:	71422.00	525166.19	

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
BAXTER & WOODMAN, INC.	B000120	11/18/24	0266001	02-48.0504	VENARD FORCE MAIN CS	445.05			
		11/18/24	0266023	02-49.0502	WROBLE FORCE MAIN DESIGN	3840.00	4285.05	106367	
SWALLOW CONSTRUCTION CORP	S000876	12/12/24	167	02-48.0506	VENARD RD FORCE MAIN RPLC	255843.26	255843.26	065275	
						=====	=====		
					Total Payments:	260128.31	260128.31		
					ACH Payments Total:	4285.05	.00		
					Check Payments Total:	255843.26	260128.31		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	B000120	11/18/24	0266008	03-20.0504	CGD SYSTEM CS	3866.25	3866.25	106367
CONCENTRIC INTEGRATION, LLC	C000410	11/18/24	0266029	03-22.0506	GAS DETECT SYS SCADA	52.50	52.50	106368
CONNELLY ELECTRIC CO	C000417	11/30/24	240228-1	03-20.0506	GAS DETECTION PROJECT	8100.00	8100.00	065274
						=====	=====	
Total Payments:						12018.75	12018.75	
ACH Payments Total:						3918.75	.00	
Check Payments Total:						8100.00	12018.75	

DATE _____

REVIEWED _____

TRUSTEE APPROVAL _____

PRESIDENT

CLERK

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		2155757.75-
01-00.1001	CASH - PAYROLL ACCOUNT	163222.20	
01-00.2000	FEDERAL TAX WITHHELD	23981.56	
01-00.2001	STATE TAX WITHHELD	11490.98	
01-00.2002	SOCIAL SECURITY WITHHELD	17805.80	
01-00.2003	IMRF WITHHELD	15839.76	
01-00.2013	CREDIT UNION WITHHELD	5474.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	14401.66	
01-00.2017	VOLUNTARY GROUP LIFE	224.00	
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC	300.00	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	1148.45	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	945.09	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	424.00	
01-05.3001	USER RECEIPTS	2170.66	
01-11.B100	ELECTRICITY	911.21	
01-11.B110	BANK CHARGES	489.00	
01-11.B112	COMMUNICATION	1823.39	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	4917.71	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	4953.05	
01-11.B116	SUPPLIES	673.00	
01-11.B117	EMPLOYEE/DUTY COSTS	2156.58	
01-11.B118	BUILDING AND GROUNDS	1001.44	
01-11.B119	POSTAGE	1056.45	
01-11.B120	PRINTING/PHOTOGRAPHY	241.00	
01-11.B121	USER BILLING MATERIALS	6750.68	
01-11.B124	CONTRACT SERVICES	17853.03	
01-11.B137	MEMBERSHIPS/SUBSCRIPTIONS	264.00	
01-11.C222	GAS/FUEL	147.27	
01-11.C225	OPERATION/REPAIR		209.08-
01-12.B100	ELECTRICITY	15862.62	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	1672.88	
01-12.B112	COMMUNICATION	1514.44	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	2914.45	
01-12.B116	SUPPLIES	2482.89	
01-12.B117	EMPLOYEE/DUTY COSTS	4159.29	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	4611.06	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	422.64	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	341.18	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	2777.65	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	6726.67	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	3717.94	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	28.46	
01-12.B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	32144.26	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	9665.19	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	22830.30	
01-12.B804	BLDG AND GROUNDS - GRIT REMOVAL	178.50	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	20146.22	
01-12.C222	GAS/FUEL	951.06	
01-12.C225	OPERATION/REPAIR		.30-
01-12.C226	VEHICLE PURCHASES	99706.00	
01-13.B112	COMMUNICATION	215.59	
01-13.B114	CHEMICALS	893.29	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	2821.99	
01-13.B116	SUPPLIES	1965.56	
01-13.B117	EMPLOYEE/DUTY COSTS	1015.48	
01-13.B122	MONITORING EQUIPMENT	8.23	
01-13.B123	OUTSIDE LAB SERVICES	1918.20	
01-13.B124	CONTRACT SERVICES	497.50	
01-13.C222	GAS/FUEL	56.27	
01-14.B112	COMMUNICATION	686.61	
01-14.B113	EMERGENCY/SAFETY EQUIPMENT	433.16	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	373.81	
01-14.B116	SUPPLIES	37.97	
01-14.B117	EMPLOYEE/DUTY COSTS	2729.92	
01-14.B124	CONTRACT SERVICES	124204.40	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	2308.85	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	1139185.62	
01-14.B904	SEWER SYSTEM REPAIRS - TV INSPECTION	23494.37	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	111469.96	
01-14.B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH	6939.48	
01-14.C222	GAS/FUEL	1475.49	
01-14.C225	OPERATION/REPAIR	541.81	
01-14.C226	VEHICLE PURCHASES	63818.12	
01-15.B100	ELECTRICITY	6174.49	
01-15.B112	COMMUNICATION	305.74	
01-15.B113	EMERGENCY/SAFETY EQUIPMENT	1212.34	
01-15.B521	EQPT/EQPT REPAIR - CENTEX	191.45	
01-15.B523	EQPT/EQPT REPAIR - EARLSTON	2.97	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	17722.15	
01-15.B527	EQPT/EQPT REPAIR - VENARD	127.17	
01-15.B528	EQPT/EQPT REPAIR - WROBLE	7371.73	
01-15.B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	151.85	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	191.45	
01-15.B823	BLDG AND GROUNDS - EARLSTON	191.45	
01-15.B824	BLDG AND GROUNDS - HOBSON	191.45	
01-15.B825	BLDG AND GROUNDS - LIBERTY PARK	191.45	
01-15.B826	BLDG AND GROUNDS - NORTHWEST	191.45	
01-15.B827	BLDG AND GROUNDS - VENARD	191.45	
01-15.B828	BLDG AND GROUNDS - WROBLE	191.45	
01-17.E452	LIABILITY/PROPERTY	5131.00	
01-17.E455	EMPLOYEE GROUP HEALTH	58787.72	
01-17.E460	IMRF	19031.20	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-17.E461	SOCIAL SECURITY	17805.82	
02-00.1000	CASH		260128.31-
02-48.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	445.05	
02-48.0506	CONSTRUCTION CONTRACTS AND PURCHASES	255843.26	
02-49.0502	DESIGN ENGINEERING/ARCHITECTURAL	3840.00	
03-00.1000	CASH		12018.75-
03-20.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	3866.25	
03-20.0506	CONSTRUCTION CONTRACTS AND PURCHASES	8100.00	
03-22.0506	CONSTRUCTION CONTRACTS AND PURCHASES	52.50	
		=====	
		2428114.19	2428114.19-
**VOIDING NAPA CHECK-adjustment to balance totals		<u>-69.63</u>	<u>-69.63</u>
		2428044.56	2428044.56

Date: 12.12.24
Due Date: 12.17.24
Invoice #: Reimburse

Petty Cash Checking Reimbursement

D-440

Date	Purchased From	Description	Code	Amount	Ck No.
11.18.24	D. Picard/K. Intsiful	Rodding Fee Refund	14B910	444.53	3948
11.19.24	Holy Cow	Embroidery	11B120	98.00	3949
11.21.24	Costco	MSB Supplies	12B116	100.36	3950
12.05.24	J & M Jester	Rodding Fee Refund	14B910	444.53	3951
12.05.24	A. Gurrieri	Rodding Fee Refund	14B910	444.53	3952
12.05.24	S & L Petersen	Rodding Fee Refund	14B910	444.53	3953

Total Receipts/Reimbursement 1976.48

Expense by code

14B910	1778.12
11B120	98.00
12B116	100.36
TOTAL	1976.48

Date: 12.12.24

Petty Cash Reimbursement

P - 350

Due Date: 12.17.24

Invoice #: Cash Box

Date	Purchased From	Reimbursed To	Description	Code	Amount
10.15.24	State of IL	M. Hernandez	CDL permit	12B117	50.00
11.14.24	Dollar Tree	S. Cioni	Ornament for DG Village Tree	11B116	8.10
11.18.24	7 Eleven	R. Berry	Ice	13B122	8.23
12.02.24	USPS	K. Justus	Postage	11B119	6.45
12.02.24	Target	J. Gwozdz	Snacks for safety meeting	11B113	12.71
12.04.24	VistaPrint	C. Shaw	business cards	14B116	37.97
				Total Receipts	123.46

Expense by code

11B116 8.10
 11B119 6.45
 11B113 12.71
 12B117 50.00
 13B122 8.23
 14B116 37.97
 TOTAL: 123.46

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy R. Underwood
General Manager

FROM: Carly Shaw
Administrative Supervisor

DATE: December 19, 2024

RE: Resolution of Appreciation

Attached is a Resolution of Appreciation for Charles Preen for his years of dedicated service to the District. We will present the original framed Resolution to him at a later time with a copy remaining on file at the District. This item should be placed on the agenda for the December 17 Board meeting.

Attachment

C: AES, JMW, ME, KJR, RTJ, MJS, DM

RESOLUTION OF APPRECIATION

WHEREAS CHARLES E. PREEN, has served the residents of the DOWNERS GROVE SANITARY DISTRICT since 1984 as a Sewer System Maintenance Worker, Maintenance Mechanic, Buildings and Grounds Technician, and Senior Maintenance Mechanic; and

WHEREAS, CHARLES E. PREEN, exhibited the necessary skills, knowledge, ability, and judgement to properly operate and maintain the District's Wastewater Treatment Center; and

WHEREAS, the professionalism and integrity of CHARLES E. PREEN at the Wastewater Treatment Center resulted in the District being recognized by professional and peer groups year after year as a model for sanitary districts statewide; and

WHEREAS, CHARLES E. PREEN has provided guidance to staff by passing on his vast knowledge from his many years of service for the maintenance of plant equipment and lift stations; and

WHEREAS, CHARLES E. PREEN has exhibited an unfailing and loyal dedication to public service by his willingness to respond to and work many hours during emergency operations at the Wastewater Treatment Center during his years of public service; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, that CHARLES E. PREEN be, and he is hereby commended for his loyal, dedicated, and exemplary service to the DOWNERS GROVE SANITARY DISTRICT and to the residents thereof; and

BE IT FURTHER RESOLVED that a copy of this Resolution be spread upon the records of the DOWNERS GROVE SANITARY DISTRICT and an embossed copy thereof be delivered by the Clerk of this District to the said CHARLES E. PREEN.

PASSED AND APPROVED by the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, this 17th day of December 2024, in honor of the forty years of outstanding service by CHARLES E. PREEN to the District.

DOWNERS GROVE SANITARY DISTRICT

BY: _____
President

BY: _____
Vice President

ATTEST: _____
Clerk

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Carly Shaw
Administrative Supervisor

DATE: December 17, 2024

RE: Schedule of Regular Meetings for 2025

Attached is the proposed Notice of Schedule of Regular Meetings for calendar year 2025. The February and March meetings always need to be at least 30 days apart to provide for at least 30 days public notice of the budget prior to approval. According to the draft schedule, the budget will be presented for review at the February 11 meeting and public notice will be published on February 13 of its availability for public inspection. Final approval of the budget will then be scheduled for March 18 which provides the 30-day minimum public notice period.

The September Board meeting is proposed to be held on the fourth Tuesday rather than the third Tuesday. This is due to a conflict with the Illinois Association of Wastewater Agencies (IAWA) Annual Conference in September.

This item will be on the agenda for the December meeting. If the Board concurs with the schedule, the Notice is provided to the local papers in accordance with the Illinois Open Meetings Act.

cc: KJR, RTJ, MJS, KWS, ARU, AJC, DM

Board of Trustees

Amy E. Sejnost
President

Jeremy M. Wang
Vice President

Mark Eddington, P.E.
Clerk



2710 Curtiss Street
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
Daniel McCormick

Providing a Better Environment for South Central DuPage County

December 17, 2024

**DOWNERS GROVE SANITARY DISTRICT
NOTICE OF SCHEDULE OF REGULAR MEETINGS**

The Downers Grove Sanitary District hereby gives notice that the regular meetings of the Board of Trustees shall be held on the following Tuesdays during calendar year 2025:

- January 21
- February 11
- March 18
- April 15
- May 20
- June 17
- July 15
- August 19
- September 23
- October 21
- November 18
- December 16

These meetings will be held at the Downers Grove Sanitary District Administration Center, 2710 Curtiss Street, Downers Grove, Illinois, and shall convene at 7:00 p.m. All Board of Trustees meetings are open to the public.

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Keith Shaffner
Sewer Construction Supervisor

DATE: December 9, 2024

RE: Annexation Ordinance No. AO 2024-07 – 2250 63rd Street, Downers Grove

This annexation involves one single family home lot, located at 2250 63rd Street. The sewer is the north right of way between Pershing Avenue and Belmont Road, as indicated on the attached map. This project did not require Board of Local Improvement approval. This annexation does not need any right-of-way annexations to make the property contiguous. All tap fees and trunk sewer service charges have been paid as required by ordinance.

The subject ordinance will be presented to the Board for adoption at the December 17, 2024, Board meeting.

Attachments

CC: KJR, RTJ, MJS, ARU, CS & DM

ANNEXATION ORDINANCE NO. AO 2024-07

BE IT ORDAINED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, a body politic and corporate of DuPage County, Illinois:

WHEREAS, the provisions of Section 2405/23.4 of the Illinois Compiled Statutes, as made and provided, authorize the Trustees of any Sanitary District to annex any property which is not within the corporate limits of any sanitary district but is contiguous to a sanitary district, and which territory has been petitioned for annexation by the owners of record and the electors residing thereon, if any.

WHEREAS, the property hereinafter described is not within the corporate limits of any other Sanitary District, and is contiguous to the corporate limits of the DOWNERS GROVE SANITARY DISTRICT; and has been petitioned for annexation by the owners of record.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT that the following described property be and the same is annexed to the DOWNERS GROVE SANITARY DISTRICT, to-wit:

the following described property:

LOT 23 (EXCEPT THE NORTH 5 FEET OF THE SOUTH 22 FEET THEREOF) AND (EXCEPT THE SOUTH 17 FEET OF LOT 23 AS CONTAINED IN DEDICATION RECORDED AS DOCUMENT NO. 691657) IN BLOCK 23 IN DOWNERS GROVE GARDENS, BEING A SUBDIVISION IN SECTION 13, TOWNSHIP 38 NORTH, RANGE 10, AND SECTION 18, TOWNSHIP 38 NORTH, RANGE 11, ALL EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 7, 1924 AS DOCUMENT 177390, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 08-13-418-057

Property Address: 2250 63rd Street, Downers Grove, Illinois 60516

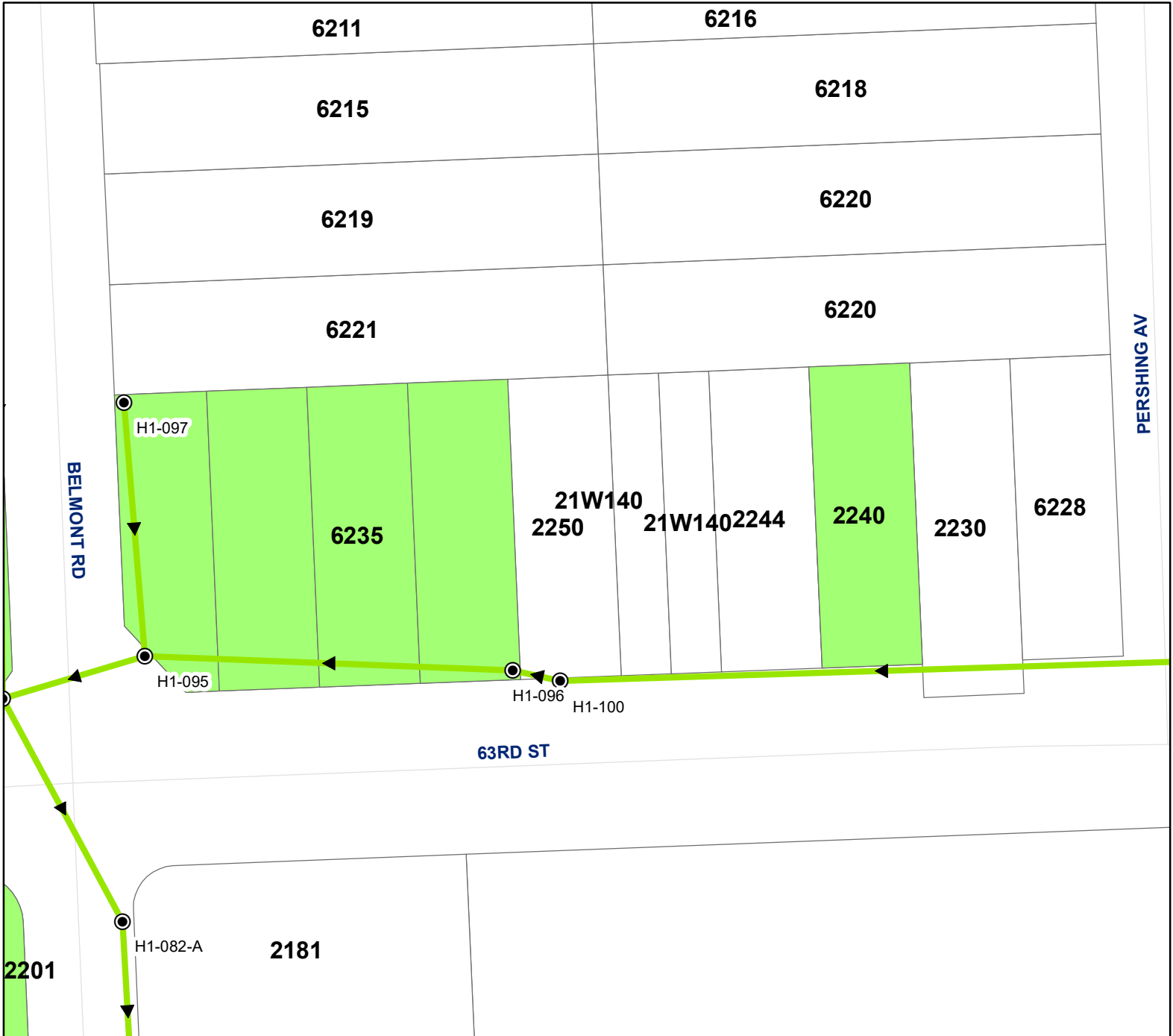
BE IT FURTHER RESOLVED that the Clerk of the DOWNERS GROVE SANITARY DISTRICT be authorized to file a copy of this Ordinance, together with an accurate map of the annexed territory, certified as correct by the Clerk of this District with the County Clerk of DuPage County, Illinois.

PASSED and APPROVED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT at their regular meeting held on the 17th day of December 2024.

President

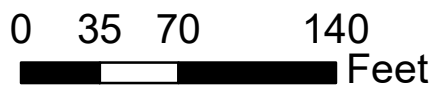
ATTEST: _____
Clerk

**Downers Grove Sanitary District
AO2024-07
2250 63rd Street**



Legend

- Sanitary Manholes
- ➔ Sanitary Sewer
- annexed_parcel



PETITION FOR ANNEXATION
of certain property to
DOWNERS GROVE SANITARY DISTRICT

Your Petitioner, Mohammed Hamdan, respectfully submits unto the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT his/her Petition for Annexation of property owned by him/her to the DOWNERS GROVE SANITARY DISTRICT, and state the following:

1. That he/she is the owner of the following described property located in DuPage County, Illinois, to-wit:

LOT 23 (EXCEPT THE NORTH 5 FEET OF THE SOUTH 22 FEET THEREOF) AND (EXCEPT THE SOUTH 17 FEET OF LOT 23 AS CONTAINED IN DEDICATION RECORDED AS DOCUMENT NO. 691657) IN BLOCK 23 IN DOWNERS GROVE GARDENS, BEING A SUBDIVISION IN SECTION 13, TOWNSHIP 38 NORTH, RANGE 10, AND SECTION 18, TOWNSHIP 38 NORTH, RANGE 11, ALL EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 7, 1924 AS DOCUMENT 177390, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 08-13-418-057

Property Address: 2250 63rd Street, Downers Grove, Illinois 60516

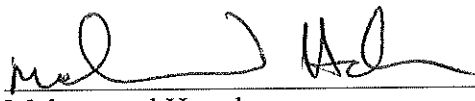
2. That the property is unimproved.

3. That the above described property is contiguous to the corporate limits of the DOWNERS GROVE SANITARY DISTRICT and is in no way disqualified by the Statutes of the State of Illinois from being annexed to said District.

4. That your Petitioner is ready and willing to assume his/her proportionate share of the existing indebtedness, both bonded and otherwise, of the DOWNERS GROVE SANITARY DISTRICT.

5. That there is attached to this Petition and incorporated herein by reference, a Plat of Survey which sets forth the exact and particular location of the above described premises.

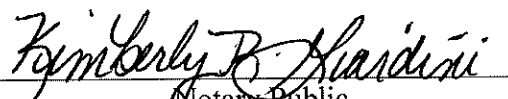
WHEREFORE, the Petitioner pray that the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT will see fit to annex to said District, the property herein above described by Ordinance, signed by it, and that said Board will have the Clerk of the District file with the County Clerk of DuPage County, Illinois, a Certified Copy of the Annexation Ordinance.


 Mohammed Hamdan

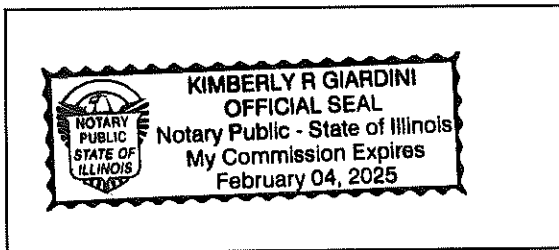
STATE OF ILLINOIS)
) SS
 COUNTY OF DUPAGE)

I, the undersigned, a Notary Public in and for the County and State aforesaid, DO HEREBY CERTIFY that Mohammed Hamdan, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed and delivered the said instrument as his/her own free and voluntary act for the uses and purposes therein set forth.

GIVEN under my hand and official seal this 4 day of December, 2024


 Notary Public

AFFIX NOTARY SEAL



LOT 23 (EXCEPT THE NORTH 5 FEET OF THE SOUTH 22 FEET THEREOF) AND (EXCEPT THE SOUTH 17 FEET OF LOT 23 AS CONTAINED IN DEDICATION RECORDED AS DOCUMENT NO. 691657) IN BLOCK 23 IN DOWNERS GROVE GARDENS, BEING A SUBDIVISION IN SECTION 13, TOWNSHIP 38 NORTH, RANGE 10, AND SECTION 18, TOWNSHIP 38 NORTH, RANGE 11, ALL EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 7, 1924 AS DOCUMENT 177390, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 08-13-418-057

Property Address: 2250 63rd Street, Downers Grove, Illinois 60516



Legend

 annexed_parcels



Cost-of-Service Analysis

Downers Grove Sanitary District

Board of Trustees Meeting

December 2024



Cost-of-Service Analysis

- Completed annually as part of budget process
- Determine rate increases
 - *User rate*
 - *Monthly service fee*
 - *Surcharge rates*
 - Biological Oxygen Demand (BOD)
 - Total Suspended Solids (TSS)
- Generate revenues that align with costs
- Fair and equitable system of revenue collection



History

- User Charge System implemented in 1974
- USEPA/IEPA approval of User Charge System required in 1983 to obtain a USEPA grant, which paid for the WWTC expansion
- Monthly service fee added in 1997
 - *Allocated sewer system repairs directly to customers*
- “Cost of Service Study and User Charge Rate Design” report by Colin Phillips in 2009

Fred P. Johnson & Associates
MUNICIPAL RATE & PUBLIC FINANCE CONSULTANTS

**Downers Grove
Sanitary District**

**Report on User Charge System
(Grant No. C172177)**

October, 1983

2490 N. WATER ST., DECATUR, IL 62526 • Ph. 217/877-3320

Steps in Cost-of-Service Analysis

- Estimate annual operations, maintenance and replacement revenue requirements
- Allocate costs to cost parameters
- Estimate annual flows (WWTC & billable), loads and number of customers
- Calculate unit costs for each cost parameter
- Develop and design a rate schedule






Applicable Cost Parameters

- Flow
- Number of customers
- BOD
- TSS

These are parameters that, when varied, impact the District's costs to operate, maintain and replace our facilities.

Revenues into the District's General Fund (Fund 01)



Estimate Annual Revenue Requirements

- Five-year Financial Plan

How much revenue is needed to cover General Fund expenses & maintain 25% balance?

- 'Net out' non-rate revenue

NON-RATE REVENUES	PERCENT ALLOCATION TO				TOTAL	DOLLAR ALLOCATION TO			
	FLOW	BOD	SS	CUST		FLOW	BOD	SS	CUST
PLAN REVIEW FEES	0	0	0	100	\$500	\$0	\$0	\$0	\$500
CONSTRUCTION INSPECTION FEES	0	0	0	100	\$500	\$0	\$0	\$0	\$500
PERMIT INSPECTION FEES	0	0	0	100	\$19,000	\$0	\$0	\$0	\$19,000
INTEREST	17	15	19	49	\$77,500	\$12,895	\$11,832	\$14,730	\$38,213
SAMPLING AND MONITORING CHARGES	17	15	19	49	\$116,000	\$19,301	\$17,711	\$22,048	\$57,196
REAL ESTATE TAXES	37	0	0	63	\$1,473,600	\$545,232	\$0	\$0	\$928,368
TELEVISION INSPECTION FEES	0	0	0	100	\$150	\$0	\$0	\$0	\$150
REPLACEMENT TAXES	37	0	0	63	\$120,000	\$44,400	\$0	\$0	\$75,600
LEASE PAYMENTS	17	15	19	49	\$40,000	\$6,655	\$6,107	\$7,603	\$19,723
MISCELLANEOUS	17	15	19	49	\$4,000	\$666	\$611	\$760	\$1,972
SALE OF ELECTRICITY	51	22	27	0	\$20,000	\$10,200	\$4,400	\$5,400	\$0
SALE OF PROPERTY	34	34	32	0	\$92,000	\$31,280	\$31,280	\$29,440	\$0
GREASE WASTE	17	15	19	49	\$200,000	\$33,277	\$30,535	\$38,014	\$98,614
INTERFUND TRANSFER	33.5	0	15	51.5	(\$1,150,000)	(\$385,250)	\$0	(\$172,500)	(\$592,250)
RENEWABLE ENERGY CREDITS	8	58	10	25	\$30,000	\$2,496	\$17,290	\$2,851	\$7,396
GRANTS AND INCENTIVES	37	0	0	63	\$0	\$0	\$0	\$0	\$0
TOTAL NON-RATE REVENUES					\$1,043,250	\$321,152	\$119,767	(\$51,654)	\$654,983

Allocate Costs to Cost Parameters

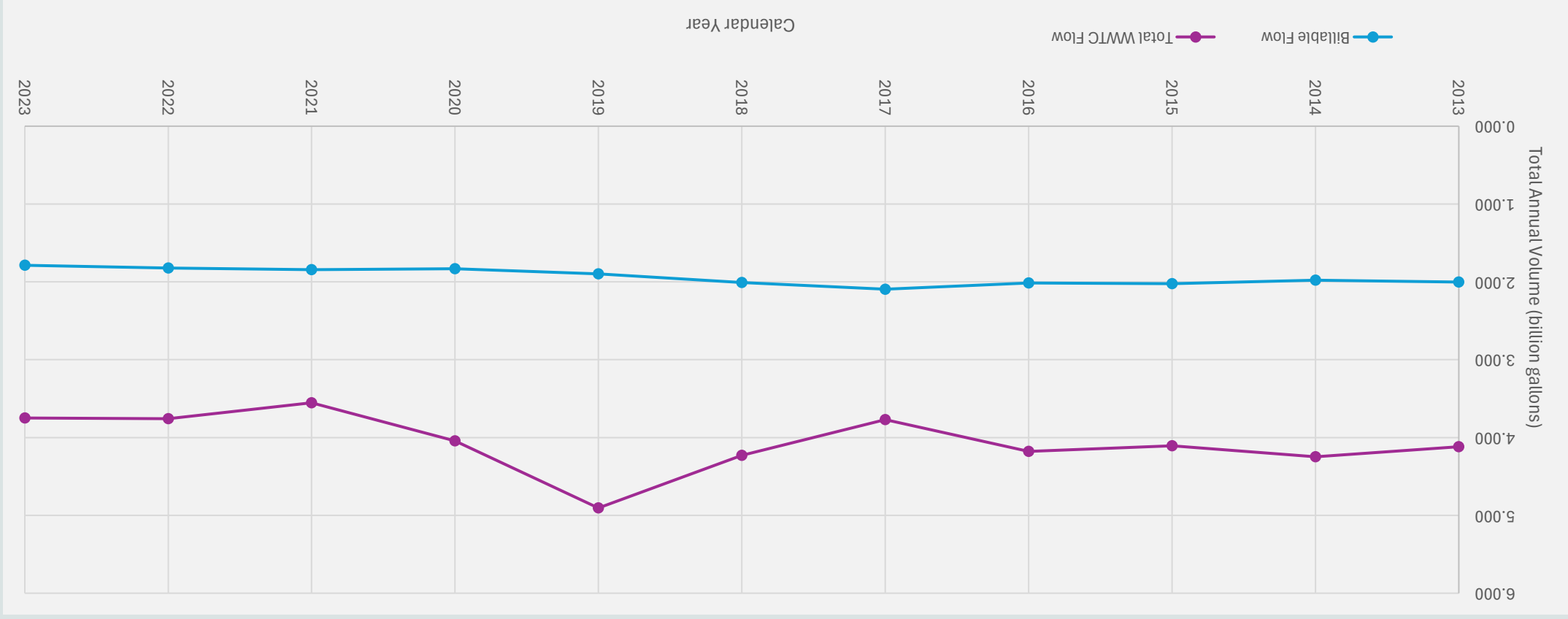
- Cost Causation - 'Engineering' evaluation
- Direct examples
 - *Billing → Customer*
 - *Electricity for Pumping → Flow*
- Specific Indirect example
 - *Labor divided according to overall department allocation*
- Overall Indirect example
 - *Lab*

NO. DESCRIPTION	PERCENT ALLOCATION TO				FYE 25	DOLLAR ALLOCATION TO			
	FLOW	BOD	SS	CUST		FLOW	BOD	SS	CUST
DIRECT ALLOCATIONS									
11. ADMINISTRATION									
A. SALARY & WAGES									
001 TRUSTEES	0	0	0	100	\$18,000	\$0	\$0	\$0	\$18,000
002 BOLI	0	0	0	100	\$900	0	0	0	\$900
003 ADMINISTRATIVE MANAGEMENT	0	0	0	100	\$290,100	0	0	0	\$290,100
004 FINANCIAL MANAGEMENT	0	0	0	100	\$137,600	0	0	0	\$137,600
005 ADMINISTRATIVE RECORDS	0	0	0	100	\$31,300	0	0	0	\$31,300
006 ENGINEERING	0	0	0	100	\$1,200	0	0	0	\$1,200
007 CODE ENFORCEMENT	0	0	0	100	\$334,500	0	0	0	\$334,500
SUBTOTAL					\$813,600	\$0	\$0	\$0	\$813,600
B. OPERATION & MAINTENANCE									
117 EMPLOYEE/DUTY COSTS	0	0	0	100	\$23,500	0	0	0	\$23,500
119 POSTAGE	0	0	0	100	\$9,200	0	0	0	\$9,200
121 USER BILLING MATERIALS	0	0	0	100	\$83,000	0	0	0	\$83,000
137 MEMBERSHIPS/SUBSCRIPTIONS	0	0	0	100	\$8,900	0	0	0	\$8,900
SUBTOTAL					\$124,600	\$0	\$0	\$0	\$124,600
C. VEHICLES									
222 GAS/FUEL	0	0	0	100	\$3,100	\$0	\$0	\$0	\$3,100
225 OPERATION/REPAIR	0	0	0	100	\$2,700	0	0	0	\$2,700
226 VEHICLE PURCHASE	0	0	0	100	\$28,000	0	0	0	\$28,000
SUBTOTAL					\$33,800	\$0	\$0	\$0	\$33,800
TOTAL DIRECT ADMINISTRATION EXPENSES	0	0	0	100	\$972,000	\$0	\$0	\$0	\$972,000
12. PLANT									
B. OPERATION & MAINTENANCE									
100 ELECTRICITY	51	22	27	0	\$145,000	\$73,950	\$31,900	\$39,150	\$0
104 FUEL - GENERATORS	51	22	27	0	\$14,500	7,395	3,190	3,915	\$0
400 CHEMICALS	52	26	23	0	\$246,500	128,180	64,090	56,695	\$0
400 CHEMICALS - PHOSPHORUS REDUCING	0	50	50	0	\$0	0	0	0	\$0
131 SLUDGE HAULING AND DISPOSAL	0	53	47	0	\$135,000	0	71,550	63,450	\$0
SUBTOTAL					\$541,000	\$209,525	\$170,730	\$163,210	\$0
TOTAL DIRECT PLANT EXPENSES	39	32	30	0	\$541,000	\$209,525	\$170,730	\$163,210	\$0
14. SYSTEM									
A. SALARY & WAGES									
006 ENGINEERING	100	0	0	0	\$4,900	\$4,900	\$0	\$0	\$0
050 SEWER MAINTENANCE	50	0	50	0	\$301,600	\$150,800	\$0	\$150,800	\$0
060 INSPECTION	37	0	0	63	\$235,900	87,283	\$0	\$0	\$148,617
070 INVESTIGATIONS	100	0	0	0	\$20,600	20,600	\$0	\$0	\$0
SUBTOTAL	47	0	27	26	\$563,000	\$263,583	\$0	\$150,800	\$148,617
B. OPERATIONS & MAINTENANCE									
115 EQUIPMENT/EQUIPMENT REPAIR	50	0	50	0	\$74,500	37,250	\$0	\$37,250	\$0
124 CONTRACT SERVICES	37	0	0	63	\$105,000	38,850	\$0	\$0	\$66,150
127 JULIE	0	0	0	100	\$16,400	0	\$0	\$0	\$16,400
128 OVERHEAD SEWER PROGRAM	0	0	0	100	\$15,000	0	\$0	\$0	\$15,000
129 PUBLIC SEWER BLOCKAGE PROGRAM	0	0	0	100	\$12,000	0	\$0	\$0	\$12,000
900 SEWER SYSTEM REPAIR	37	0	0	63	\$3,055,100	1,130,387	\$0	\$0	\$1,924,713
SUBTOTAL					\$3,278,000	\$1,206,487	\$0	\$37,250	\$2,034,263
TOTAL DIRECT SYSTEM EXPENSES	38	0	5	57	\$3,841,000	\$1,470,070	\$0	\$188,050	\$2,182,880

Estimate Annual Flows, Loads and Number of Customers

	NUMBER OF USERS	WASTE STRENGTH BOD(MG/L)	SS(MG/L)	ANNUAL FLOW (1000 GAL)	BILLABLE LOADINGS BOD(LBS)	SS(LBS)
USERS SURCHARGED BASED ON SAMPLING	109	799	434	98,046	653,345	354,883
USERS SURCHARGED AT FLAT RATE	61	1,225	636	45,047	460,223	238,940
USERS NOT SURCHARGED (BASE USERS)	20,081	200	250	1,602,824	2,673,510	3,341,888
TOTALS	20,251			1,745,917	3,787,078	3,935,712

Determine Inflow and Infiltration (I/I)



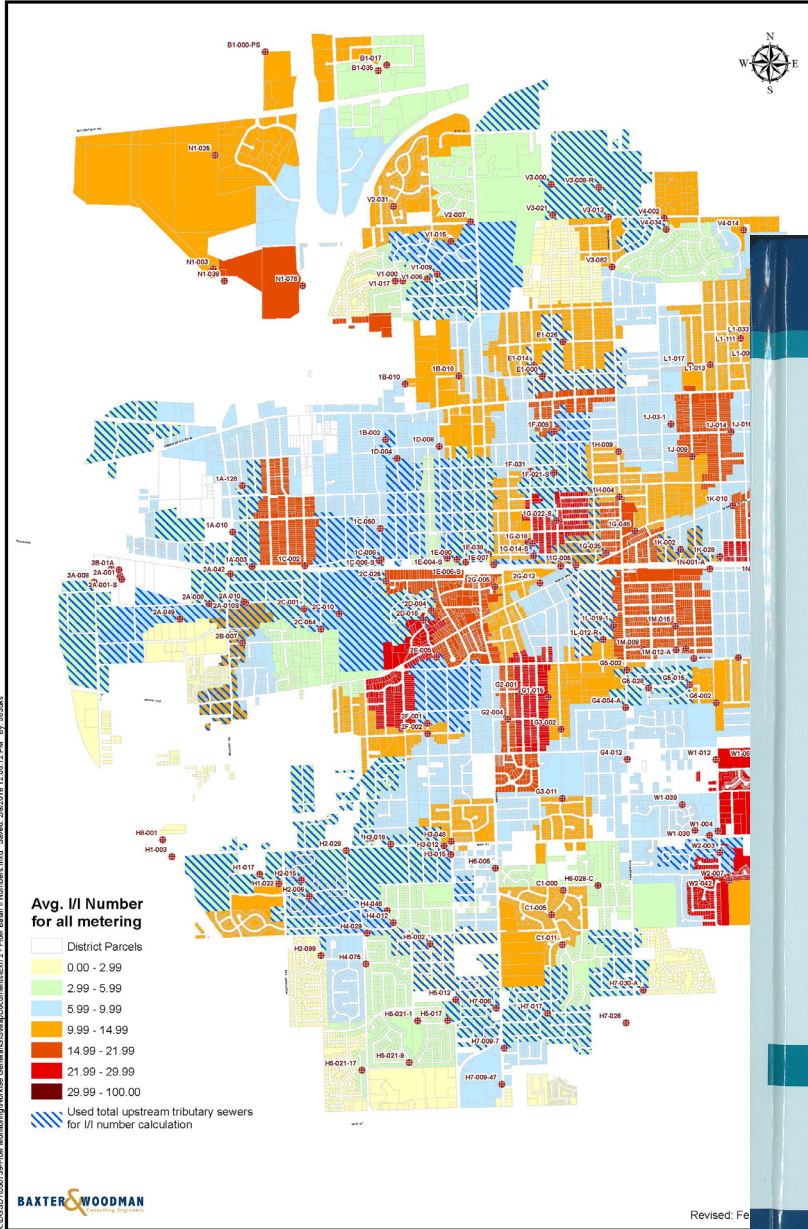
Reallocate for I/I

- The portion of costs attributable to I/I are redistributed from Flow to the Customer cost.
- *Since I/I is distributed throughout the system, its costs should be allocated by customer (WEF MOP No. 27).*

Downers Grove
Sanitary District

Downers Grove Sanitary District Flow Basin II Numbers

Exhibit 2



WEF PRESS



Financing and Charges for Wastewater Systems

WATER ENVIRONMENT FEDERATION

MANUAL OF PRACTICE No. 27

FYE 2025 Allocated Costs

			PERCENT ALLOCATION TO				FYE 25 TOTAL	DOLLAR ALLOCATION TO			
		FLOW	BOD	SS	CUST	FLOW		BOD	SS	CUST	
FYE 25	O&M BUDGET	100	17	15	19	49	\$13,724,350	\$2,283,551	\$2,095,398	\$2,608,568	\$6,767,086
TOTAL NON-RATE REVENUES							\$1,043,250	\$321,152	\$119,767	(\$51,654)	\$654,983
REDUCTION IN FUND BALANCE			17	15	19	49	\$2,644,700	440,043	403,786	502,674	1,304,026
NET O&M REVENUE FROM USER CHARGE SYSTEM							\$10,036,400	\$1,522,356	\$1,571,845	\$2,157,548	\$4,808,077

Calculate Unit Costs for Each Cost Parameter

CALCULATION OF BASE USER CHARGE				CALCULATION OF MONTHLY SERVICE FEE				
PARAMETER	UNITS PER 1000 GAL	UNIT COST	COST PER 1000 GAL	PARAMETER	TOTAL COST	# OF CUSTOMERS	UNIT COST	PER 1 MONTH BILL CYCLE
FLOW	1.000	\$0.872	\$0.872	CUSTOMER	\$4,808,077	20,251	\$237.42	\$19.79
BOD	1.668	\$0.415	\$0.692					
SS	2.085	\$0.548	\$1.143					
TOTAL BASE USER CHARGE			\$2.7073					

Develop and Design a Rate Schedule

- Calculated rates:

FYE	User Rate (\$/1,000 Gallons)	Monthly Fee	BOD (\$/lb)	TSS (\$/lb)
2025	\$2.71	\$19.79	\$0.42	\$0.55
2026	\$3.09	\$21.34	\$0.49	\$0.63
2027	\$3.53	\$22.64	\$0.56	\$0.71
2028	\$4.18	\$20.64	\$0.82	\$0.98
2029	\$4.57	\$21.17	\$0.91	\$1.09

- Actual rates recommended and passed by Board of Trustees:

FYE	User Rate (\$/1,000 Gallons)	Monthly Fee	BOD (\$/lb)	TSS (\$/lb)
2025	\$2.75	\$20.00	\$0.38	\$0.48



Thank you



Questions?

To: Board of Trustees
From: Amy Underwood
Re: Facility Planning Report for November 2024
Date: December 13, 2024

A payment request from Baxter & Woodman (B&W) for this project is included in the December Claim Ordinance.

Engineer's Fee	\$320,000.00
Total Completed to Date	\$66,909.75
Less Previous Payments	<u>-\$57,483.50</u>
Current Payment Due	<u>\$9,471.25</u>
Remaining	\$253,090.25

Laboratory Supervisor Reese Berry and I met with B&W to finalize some outstanding questions we had on the special sampling plan. Laboratory staff have started the special sampling.

The District provided additional information requested by B&W which will assist them in efficiently planning the WWTC condition assessment site visit, which will be scheduled in January.

District staff are working with DuPage County and the Villages in our service area to prepare population projections.

C: BOLI, CS, DM

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Amy R. Underwood
General Manager

FROM: Carly Shaw
Administrative Supervisor

DATE: December 4, 2024

RE: Administrative Services Progress Report – November 2024

ADMINISTRATIVE

Employee Functions

The employee holiday luncheon for all employees was held on December 6, 2024, at Brickhouse Tavern in Downers Grove. Employees also received a \$50 gift card from Amazon. We changed the holiday plans this year as over the past couple of years attendance has decreased at our holiday events held outside normal working hours. We felt this would make it easier for more employees to be part of this special event and spend time with their team outside of the workplace.

Administration Center Additions

We had an aerial photo of the plant printed in acrylic. It is now hung up in the lobby over our table. We also had the District logo printed in acrylic and that has been hung with the Utility of the Future Flag in the boardroom. I am still working on quotes to replace the tile in the hallway, restrooms, server room, and stairway to the basement and finding a permanent table or counters for customer use in the lobby. I am also selecting more photos to have printed for the lobby and boardroom now that we have a source that we are happy with the quality.

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

We have not received any new claims this month, so I have not enclosed an updated report.

Technology Update

Discovery meetings were held with BS&A regarding the user billing module of the new accounting software. This helps BS&A understand our current processes and where to retrieve the data needed for conversion. We also covered the other areas of accounting software such as payroll, payables, and general ledger processes and data.

New scanners have been installed by Kazys Motekaitis for staff that had units that are no longer supported. The purchase of these appeared in the November claim ordinance. Kazys also continues to assist with the day-to-day IT issues that arise. Concentric continues to provide updates to our computers and laptops on a regular basis.

FINANCIAL

Treasurer's Report and Investment Activity

The monthly Treasurer's Report and the District's Investment Schedule with detailed investment information (financial institution name, current rate, and dollar amount) is provided separately in the packet each month. The Schwab statement and information sheet is also attached to the investment schedule.

User Billing

Show Cause hearings were held on November 20th and two property owners appeared. Alan Alongi the court liaison handling the cases ruled there was nothing provided to stop or delay proceedings with either property. There were 32 accounts included in these hearings and 18 have been paid in full as of December 5. Alan Alongi has provided his findings, and they are being reviewed by Adrienne Kasper, Senior Billing Coordinator. Once she approves them, they are sent back to him for original signatures. These will then be mailed out to the interested parties of the properties and will include the sewer disconnection date.

Detailed billing information is attached to this report.

cc: AES, JMW, ME, KJR, RTJ, MJS, DM

USER BILLING SUMMARY

User Charge System

Billings for November 2024 were as follows:

	User	\$465,189.32
	Surcharge	31,444.58
	Monthly fees	430,180.16
	Total	\$926,814.06
	Summer Usage Adjustment	\$50,748.37
	Billable Flow	150,705,800
	Budgeted Billable Flow	137,883,238
	% Actual/Budgeted Billable Flow	109.30%
	YTD Billable Flow	1,199,282,151
	YTD Budgeted Billable Flow	1,210,224,265
	% Actual/Budgeted Billable Flow	99.10%

The user accounts receivable balance on 11/30/2024 is \$914,611.82 and consists of:

	Current charges due 12/16/2024	\$742,988.62
	Past due charges and penalty	171,623.20
	Total	\$914,611.82

The past due charges represent:

<u>Age</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$71,275.42	\$8,777.88	\$80,053.30
60 days past due	18,961.37	3,600.38	22,561.75
90 days & greater past due	57,855.31	11,152.84	69,008.15
Totals	\$148,092.10	\$23,531.10	\$171,623.20

Summary of
Past Due Charges
(90 Days and Over)

Five Year Comparison

November

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2024	\$57,855.31	\$11,152.84	\$69,008.15
2023	96,576.55	14,657.14	111,233.69
2022	38,280.18	7,297.03	45,577.21
2021	75,609.04	14,075.96	89,685.00
2020	105,659.64	15,270.20	120,929.84

Twelve Months Ending November 2024

<u>Month Ending</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
11/30/24	\$57,855.31	\$11,152.84	\$69,008.15
10/31/24	60,512.01	11,615.57	72,127.58
9/30/24	74,136.03	13,818.16	87,954.19
8/31/24	61,338.78	11,993.15	73,331.93
7/31/24	58,557.54	10,989.31	69,546.85
6/30/24	60,791.09	11,755.76	72,546.85
5/31/24	56,724.94	11,565.75	68,290.69
4/30/24	58,809.41	10,989.40	69,798.81
3/31/24	68,937.10	12,132.98	81,070.08
2/29/24	79,375.87	12,955.12	92,330.99
1/31/24	89,625.98	12,900.38	102,526.36
12/31/23	95,040.68	14,211.80	109,252.48

There were 16 accounts scheduled for Pre-Enforcement on November 15, 2024 of which 9 accounts have paid in full and one account has payment arrangements. There are 42 accounts scheduled for Pre-Enforcement on December 16, 2024, of which 12 have already paid in full. There were 32 accounts that went through Show Cause Hearings on November 20, 2024, of which 18 have paid in full.

To: Amy Underwood, General Manager
From: Marc Majewski, Operations Supervisor
Date: December 9, 2024
Subject: November 2024 WWTC Operations Report

Dear Amy,

Please find attached the detailed operating data and monthly report to the Illinois EPA for November.

Operations Highlights:

1. Monthly flow:

- Average daily flows: 9.00 MGD (Million Gallons per Day)
- Total precipitation: 3.68 inches
- Excess Flow days: 1
- Days of discharge over 11 MGD: 5

2. Activated Sludge:

- Good operating performance observed throughout November.
- Predominance of floc formers resulted in efficient solids settling

3. Anaerobic Digesters:

- Pumped Volumes:
 - Primary Sludge: 651,191 gallons
 - TWAS to Dig 4(Thickened Waste Activated Sludge): 0 gallons (out of service 10/12/24)
 - Total WAS to Digester 4: 788,600 gallons
 - Waste grease: 269,990 gallons

4. Digester Gas:

- Total production: 5,725,855 cubic feet
- Usage Breakdown:
 - Heat Exchangers: 28,414 cubic feet
 - CHP facilities: 5,240,319 cubic feet
- Flared gas recorded: 40,942 cubic feet
- Munters dehumidifier gas consumption: 416,180 cubic feet

5. Biosolids:

- Distributed 62 Dry tons of Class A biosolids.

6. Electricity:

- Overall net energy from ComEd: -89,024 kWh
- Electricity generated by CHP system: 430,614 kWh
- Monthly net energy (including natural gas usage): -70 MWh

Recipients: ME, AES, JMW, KJR, RTJ, MJS, CS, DM

Sincerely,

Marc Majewski

Operations Supervisor

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
11/1/2024	0.00	9.41	2.88	5.60	0.00	0.00	0.00	0.00	0.00	0.00	5.60	9.41	0.00
11/2/2024	0.00	9.44	2.73	5.75	0.00	0.00	0.00	0.00	0.00	0.00	5.75	9.44	0.00
11/3/2024	0.00	9.42	2.76	5.85	0.00	0.00	0.00	0.00	0.00	0.00	5.85	9.42	0.00
11/4/2024	0.73	15.25	3.45	8.39	0.00	0.00	0.00	0.00	0.00	0.00	8.39	15.25	0.00
11/5/2024	1.33	26.30	9.31	20.35	8.08	0.49	0.00	0.00	0.00	0.00	20.84	34.38	0.08
11/6/2024	0.00	20.80	11.59	13.96	0.00	0.00	0.00	0.00	0.00	0.00	13.96	20.80	0.00
11/7/2024	0.00	13.66	6.67	9.01	0.00	0.00	0.00	0.00	0.00	0.00	9.01	13.66	0.00
11/8/2024	0.00	11.35	4.80	7.57	0.00	0.00	0.00	0.00	0.00	0.00	7.57	11.35	0.00
11/9/2024	0.24	11.09	4.11	7.07	0.00	0.00	0.00	0.00	0.00	0.00	7.07	11.09	0.00
11/10/2024	0.09	15.48	7.59	10.47	0.00	0.00	0.00	0.00	0.00	0.00	10.47	15.48	0.00
11/11/2024	0.00	11.64	5.24	8.02	0.00	0.00	0.00	0.00	0.00	0.00	8.02	11.64	0.00
11/12/2024	0.00	10.72	4.21	7.10	0.00	0.00	0.00	0.00	0.00	0.00	7.10	10.72	0.00
11/13/2024	0.49	23.69	3.85	8.52	0.00	0.00	0.00	0.00	0.00	0.00	8.52	23.69	0.00
11/14/2024	0.10	21.25	11.08	13.85	0.00	0.00	0.00	0.00	0.00	0.00	13.85	21.25	0.00
11/15/2024	0.00	12.05	6.78	9.24	0.00	0.00	0.00	0.00	0.00	0.00	9.24	12.05	0.00
11/16/2024	0.00	11.73	5.28	8.04	0.00	0.00	0.00	0.00	0.00	0.00	8.04	11.73	0.00
11/17/2024	0.00	11.04	4.70	7.60	0.00	0.00	0.00	0.00	0.00	0.00	7.60	11.04	0.00
11/18/2024	0.38	15.67	4.18	9.62	0.00	0.00	0.00	0.00	0.00	0.00	9.62	15.67	0.00
11/19/2024	0.05	15.66	10.48	12.28	0.00	0.00	0.00	0.00	0.00	0.00	12.28	15.66	0.00
11/20/2024	0.01	15.16	6.28	9.04	0.00	0.00	0.00	0.00	0.00	0.00	9.04	15.16	0.00
11/21/2024	0.26	16.33	5.33	10.08	0.00	0.00	0.00	0.00	0.00	0.00	10.08	16.33	0.00
11/22/2024	0.00	15.45	8.29	11.40	0.00	0.00	0.00	0.00	0.00	0.00	11.40	15.45	0.00
11/23/2024	0.00	15.21	6.67	9.31	0.00	0.00	0.00	0.00	0.00	0.00	9.31	15.21	0.00
11/24/2024	0.00	11.96	5.44	8.46	0.00	0.00	0.00	0.00	0.00	0.00	8.46	11.96	0.00
11/25/2024	0.00	11.80	4.85	7.97	0.00	0.00	0.00	0.00	0.00	0.00	7.97	11.80	0.00
11/26/2024	0.00	15.18	0.30	7.29	0.00	0.00	0.00	0.00	0.00	0.00	7.29	15.18	0.00
11/27/2024	0.00	10.66	4.48	7.60	0.00	0.00	0.00	0.00	0.00	0.00	7.60	10.66	0.00
11/28/2024	0.00	14.66	4.05	7.02	0.00	0.00	0.00	0.00	0.00	0.00	7.02	14.66	0.00
11/29/2024	0.00	9.80	3.80	6.69	0.00	0.00	0.00	0.00	0.00	0.00	6.69	9.80	0.00
11/30/2024	0.00	10.17	3.77	6.83	0.00	0.00	0.00	0.00	0.00	0.00	6.83	10.17	0.00
Minimum	0.00	9.41	0.30	5.60	0.00	0.00	0.00	0.00	0.00	0.00	5.60	9.41	0.00
Maximum	1.33	26.30	11.59	20.35	8.08	0.49	0.00	0.00	0.00	0.00	20.84	34.38	0.08
Total	3.68	422.05	164.96	269.99	8.08	0.49	0.00	0.00	0.00	0.00	270.47	430.13	0.08
Average	0.12	14.07	5.50	9.00	0.27	0.02	0.00	0.00	0.00	0.00	9.02	14.34	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
11/1/2024	5.60	2,113	65,558	13.98	17	15	14	71		3,986	
11/2/2024	5.75		65,558	14.15							
11/3/2024	5.85		65,558	14.13							
11/4/2024	8.39	1,902	59,013	8.61	17	15	15	78		5,889	7.7
11/5/2024	20.35	1,698	52,672	7.36	14	13	13	74	3,786		6.4
11/6/2024	13.96	1,890	58,649	7.68	18	14	14	74		6,605	7.8
11/7/2024	9.01	2,113	65,561	8.58	20	18	17	83	4,133		
11/8/2024	7.57	2,214	68,700	12.80	18	16	16	74		4,660	
11/9/2024	7.07		68,700	12.79							
11/10/2024	10.47		68,700	12.83							
11/11/2024	8.02	1,998	61,971	12.35	20	17	17	86		4,507	7.9
11/12/2024	7.10	2,054	63,711	13.49	21	17	16	83	3,536		8.0
11/13/2024	8.52	2,090	64,846	15.06	22	18	18	88		4,121	8.2
11/14/2024	13.85		64,846	15.04							
11/15/2024	9.24	1,900	58,942	10.91	22	17	17	92		5,301	
11/16/2024	8.04		58,942	11.54							
11/17/2024	7.60		58,942	11.54							
11/18/2024	9.62	2,146	85,201	15.82	24	19	19	91		4,363	7.9
11/19/2024	12.28	1,814	56,271	13.88	23	18	17	96	3,912		7.4
11/20/2024	9.04	2,103	65,254	14.11	23	20	19	95		5,318	7.9
11/21/2024	10.08	2,109	65,422	14.51	25	20	18	96	3,573		
11/22/2024	11.40	2,009	62,341	13.42	25	20	19	97		5,479	
11/23/2024	9.31		62,341	13.50							
11/24/2024	8.46		62,341	13.82							
11/25/2024	7.97	2,207	68,481	18.25	26	21	19	96		4,514	7.9
11/26/2024	7.29	2,083	64,607	17.76	28	22	21	109	2,586		8.1
11/27/2024	7.60	2,271	70,462	19.34	31	24	22	108	3,710		7.9
11/28/2024	7.02		70,462	18.30							
11/29/2024	6.69		70,462	18.34							
11/30/2024	6.83		70,462	18.12							
Minimum	5.60	1,698	52,672.29	7.36	14.01	12.51	12.51	70.88	2,586	3,986	6.4
Maximum	20.35	2,271	85,201.35	19.34	31.48	24.49	21.75	108.51	4,133	6,605	8.2
Total	269.99	36,715	1,944,978.52	411.97	395.68	325.43	307.50	1,592.11	25,236	54,743	93.1
Average	9.00	2,040	64,832.53	13.73	21.89	18.00	17.28	88.39	3,605	4,977	7.8

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
11/1/2024	5.60							37	60	
11/2/2024	5.75							34	63	
11/3/2024	5.85							51	67	
11/4/2024	8.39	193	105		2.0	140	98.0	65	70	67.6
11/5/2024	20.35	107	54	5.3	2.4	407	94.4	61	68	66.2
11/6/2024	13.96	124			1.5	175	97.1	51	61	66.7
11/7/2024	9.01	154	78	2.9	1.4	105	97.8	44	64	66.4
11/8/2024	7.57							42	68	
11/9/2024	7.07							40	58	
11/10/2024	10.47							50	65	
11/11/2024	8.02	155	76		1.6	107	97.9	43	61	66.7
11/12/2024	7.10	167	104	2.6	1.9	112	97.8	40	55	66.7
11/13/2024	8.52	188			1.8	128	98.4	40	54	66.4
11/14/2024	13.85	133	66	1.7	2.2	254	95.5	50	56	65.3
11/15/2024	9.24							39	60	
11/16/2024	8.04							39	53	
11/17/2024	7.60							47	62	
11/18/2024	9.62	200	72		0.6	48	98.6	51	63	66.0
11/19/2024	12.28	135	57	2.5	0.4	41	97.7	46	68	66.1
11/20/2024	9.04	166	72		1.0	75	98.6	35	53	66.5
11/21/2024	10.08	170	66	3.6	1.3	109	98.1	31	42	65.3
11/22/2024	11.40							37	49	
11/23/2024	9.31							39	44	
11/24/2024	8.46							39	55	
11/25/2024	7.97	165	71		1.0	66	98.6	36	55	64.8
11/26/2024	7.29	162	90	2.7	1.1	67	98.3	27	43	64.8
11/27/2024	7.60	142		2.8	1.3	82	97.9	36	46	64.0
11/28/2024	7.02	174			1.2	70	98.6	27	46	
11/29/2024	6.69							19	29	
11/30/2024	6.83							15	28	
Minimum	5.60	107	54	1.7	0.40	41	94.4	15	28	64.0
Maximum	20.35	200	105	5.3	2.40	407	98.6	65	70	67.6
Total	269.99	2,535	911	24.1	22.70	1,988	1,563.2	990	1,664	989.5
Average	9.00	158	76	3.0	1.42	124	97.7	40	56	66.0

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
11/1/2024	5.60	208			0.2	9	99.9	7.8	7.3	7.0	7.1
11/2/2024	5.75	196			0.2	10	99.9				
11/3/2024	5.85	200			0.3	15	99.9				
11/4/2024	8.39	220	89		0.2	14	99.9	7.4	7.6	7.1	7.3
11/5/2024	20.35	164	31	10.8	1.7	289	99.0	7.8	7.4	7.0	7.1
11/6/2024	13.96	116			0.3	35	99.7	7.7	7.5	7.2	7.4
11/7/2024	9.01	152	37	3.8	0.4	30	99.7	7.8	7.6	7.3	7.4
11/8/2024	7.57	200			0.2	13	99.9	7.7	7.3	7.2	7.3
11/9/2024	7.07	144			0.3	18	99.8				
11/10/2024	10.47	136			0.3	26	99.8				
11/11/2024	8.02	152	18		0.5	33	99.7	7.7	7.4	7.3	7.3
11/12/2024	7.10	180	60	3.8	0.4	24	99.8	7.6	7.2	7.9	7.1
11/13/2024	8.52	204	54		0.6	43	99.7	7.6	7.4	7.1	7.6
11/14/2024	13.85	144	57	0.2	1.0	116	99.3	7.7	7.6	7.0	7.2
11/15/2024	9.24	120			0.5	39	99.6	7.7	7.5	7.2	7.3
11/16/2024	8.04	108			0.3	20	99.7				
11/17/2024	7.60	122			0.5	32	99.6				
11/18/2024	9.62	196	51		0.3	24	99.8	7.5	7.3	7.2	7.4
11/19/2024	12.28	118	27	5.0	0.4	41	99.7	7.7	7.4	7.2	7.3
11/20/2024	9.04	140	47		0.3	23	99.8	7.7	7.6	7.2	7.3
11/21/2024	10.08	154	46	9.4	0.2	17	99.9	7.8	7.4	7.2	7.2
11/22/2024	11.40	112			0.4	38	99.6	7.8	7.6	7.1	7.3
11/23/2024	9.31	116			0.6	47	99.5				
11/24/2024	8.46	130			0.3	21	99.8				
11/25/2024	7.97	164	23		0.3	20	99.8	7.6	7.6	7.5	7.4
11/26/2024	7.29	196	53	6.4	0.6	36	99.7	7.8	7.5	7.4	7.4
11/27/2024	7.60	288		4.2	0.8	51	99.7	7.7	7.6	7.2	7.2
11/28/2024	7.02	212			0.4	23	99.8				
11/29/2024	6.69	136			0.4	22	99.7	7.7	7.5	7.2	7.2
11/30/2024	6.83	116			0.4	23	99.7				
Minimum	5.60	108	18	0.2	0.2	9	99.0	7.4	7.2	7.0	7.1
Maximum	20.35	288	89	10.8	1.7	289	99.9	7.8	7.6	7.9	7.6
Total	269.99	4,844	593	43.6	13.3	1,149	2,991.3	153.8	149.3	144.5	145.8
Average	9.00	161	46	5.5	0.4	38	99.7	7.7	7.5	7.2	7.3

MONTHLY OPERATIONS REPORT PAGE 5

Date	Tertiary Flow	Influent Ammonia-N	Tertiary Effluent Ammonia-N	Tertiary Effluent Ammonia-N Load	Chlorine Residual	Fecal Coliform
	MGD	mg/l	mg/l	lbs/day	mg/l	col/100ml
11/1/2024	5.60				0.015	
11/2/2024	5.75					
11/3/2024	5.85	22.03	0.10	4.9		
11/4/2024	8.39	23.20	0.10	7.0	0.015	
11/5/2024	20.35	10.82	0.22	37.3	0.015	
11/6/2024	13.96	13.78	0.20	23.3	0.015	
11/7/2024	9.01	19.64	0.18	13.5		
11/8/2024	7.57					
11/9/2024	7.07					
11/10/2024	10.47	12.55	0.10	8.7		
11/11/2024	8.02	20.01	0.10	6.7		
11/12/2024	7.10	25.77	0.10	5.9		
11/13/2024	8.52	25.88	0.10	7.1	0.015	
11/14/2024	13.85	9.64	0.51	58.9	0.015	
11/15/2024	9.24					
11/16/2024	8.04					
11/17/2024	7.60	17.88	0.10	6.3		
11/18/2024	9.62	18.89	0.10	8.0		
11/19/2024	12.28	14.29	0.12	12.3		
11/20/2024	9.04	17.96	0.10	7.5		
11/21/2024	10.08	19.94	0.10	8.4		
11/22/2024	11.40					
11/23/2024	9.31					
11/24/2024	8.46	14.68	0.10	7.1		
11/25/2024	7.97	22.81	0.10	6.6		
11/26/2024	7.29	23.79	0.12	7.3		
11/27/2024	7.60					
11/28/2024	7.02	21.34	0.10	5.9		
11/29/2024	6.69					
11/30/2024	6.83					
Minimum	5.60	9.64	0.10	4.9	0.015	
Maximum	20.35	25.88	0.51	58.9	0.015	
Total	269.99	354.90	2.65	242.8	0.090	
Average	9.00	18.68	0.14	12.8	0.015	

SLUDGE DATA

Primary Sludge	TS	3.03 %	651,191 Gallons
WAS to Digester 4	TS	2.45 %	788,600 Gallons
WAS to Thickener	TS	2.45 %	0 Gallons
TWAS to Digester 4	TS	%	0 Gallons
Hauled Grease to Digs	TS	9.10 %	269,990 Gallons

Anaerobically Digested Sludge Pumping

to Drying Beds	TS	2.78 %	175,980 Gallons
to BFP	TS	2.31 %	1,048,180 Gallons
to Lagoons	TS	2.2 %	173,528.0 Gallons
Total			1,397,688.0 Gallons

VS Destruction

65.3 %

Biosolids Disposal

Class A Distribution	Nov	62 Dry Tons
Class B Hauling	Nov	Dry Tons
Total	Nov	62 Dry Tons
Class A Distribution	YTD	881 Dry Tons
Class B Hauling	YTD	451 Dry Tons
Total	YTD	1,332 Dry Tons

ENERGY DATA

Total Digester Gas Production	5,725,855 SCF
Gas Volume per Volatile Solids Load	16.2 Cu.Ft./Lb.

Digester Gas Utilization

Heat Exchangers	28,414 SCF
Dehumidification	416,180 SCF
CHP	5,240,319 SCF
Total	5,684,913 SCF

Digester Gas Flared

40,942 SCF

Natural Gas Consumed

WWTC	25,500 SCF
MSB	17,100 SCF
Chemical Feed	18,233 SCF
5006 Walnut	11,733 SCF

Kilowatt-hours Generated CHP	430,614 KWH
Net energy from Comed	-89,024 KWH
Monthly net energy	-70 MWH

MISCELLANEOUS

Grit Removal	Nov	20 Cu. Yds
Grit Removal	YTD	240 Cu. Yds
Anaerobic Supernate		484,463 Gallons
Waste Activated Sludge		119,843 Gals/Day
City Water Consumed		31,466 Gallons

Monthly Operations Report Page 6

Date	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
	MGD	mg/l	mg/l	lbs/day	lbs/day	%	mg/l	mg/l	lbs/day	lbs/day	%	mg/l
11/1/2024	5.60											
11/2/2024	5.75											
11/3/2024	5.85											
11/4/2024	8.39		3.84		268.7							
11/5/2024	20.35											
11/6/2024	13.96	3.26	1.41	374.3	164.2	56.7						
11/7/2024	9.01											19.06
11/8/2024	7.57											
11/9/2024	7.07											
11/10/2024	10.47											
11/11/2024	8.02											
11/12/2024	7.10		2.79		165.1		30.8	13.9	1,839.4	822.5	55.3	
11/13/2024	8.52	2.91	3.44	213.5	244.3	-18.2						
11/14/2024	13.85											19.85
11/15/2024	9.24											
11/16/2024	8.04											
11/17/2024	7.60											
11/18/2024	9.62	4.62	2.37	368.5	190.1	48.7						
11/19/2024	12.28											
11/20/2024	9.04											
11/21/2024	10.08		2.87		241.3							25.88
11/22/2024	11.40											
11/23/2024	9.31											
11/24/2024	8.46											
11/25/2024	7.97	5.00	2.26	331.5	150.2	54.8						
11/26/2024	7.29											23.07
11/27/2024	7.60											
11/28/2024	7.02		3.52		206.0							
11/29/2024	6.69											
11/30/2024	6.83											
Minimum	5.60	2.91	1.41	213.5	150.2	-18.2	30.8	13.9	1,839.4	822.5	55.3	19.06
Maximum	20.35	5.00	3.84	374.3	268.7	56.7	30.8	13.9	1,839.4	822.5	55.3	25.88
Total	269.99	15.79	22.50	1,287.8	1,630.0	142.0	30.8	13.9	1,839.4	822.5	55.3	87.86
Average	9.00	3.95	2.81	322.0	203.7	35.5	30.8	13.9	1,839.4	822.5	55.3	21.97

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit		Permittee: DOWNERS GROVE SANITARY DISTRICT		Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER	
Permit #: IL0028380	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 11/01/24 to 11/30/24	DMR Due Date: 12/25/24	Status: NetDMR Validated
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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 Permit Req.						= 7.8		= 7.3		= 6.3	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI						Req Mon MO AV MN		Req Mon MN WK AV		Req Mon DAILY MN	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.							= 4.0		= 6.4	19 - mg/L	0	DL/DS - Daily When Discharging	CP - COMPOS	
					Value NODI							<= 30.0 MO AVG		<= 45.0 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					= 7.0				= 7.5	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB	
					Value NODI					>= 6.0 MINIMUM				<= 9.0 MAXIMUM	12 - SU		DL/DS - Daily When Discharging	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.							= 0.7		= 1.5	19 - mg/L	0	DL/DS - Daily When Discharging	CP - COMPOS	
					Value NODI							<= 30.0 MO AVG		<= 45.0 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample Permit Req.							= 0.26		= 2.42	19 - mg/L	0	DL/DS - Daily When Discharging	CP - COMPOS	
					Value NODI							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB	
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample Permit Req.							= 2.71		= 3.84	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB	
					Value NODI							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req.							< 0.05			19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB	
					Value NODI							<= 0.75 MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB	
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req.									= 0.0	13 - #/100mL	0	DL/DS - Daily When Discharging	GR - GRAB	
					Value NODI									<= 400.0 DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB	
82220	Flow, total	1 - Effluent Gross	0	--	Sample Permit Req.			= 270.4	80 - Mgal/mo								99/99 - Continuous		
					Value NODI			Req Mon MO TOTAL	80 - Mgal/mo								99/99 - Continuous		

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

30 days of discharge. 1 day combined flow 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: 2024-12-10 12:35 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-12-10 14:07 (Time Zone: -06:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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: 002 External Outfall		Discharge: 002-0 MIXING CHAMBER OVERFLOW TO ST JOSEPH CRK					

Report Dates & Status		Monitoring Period: From 11/01/24 to 11/30/24		DMR Due Date: 12/25/24		Status: NetDMR Validated	
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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	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample												0	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.															
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.															
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.															
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.															
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.															
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.															
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.															
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.															
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample											0	DL/DS - Daily When Discharging	GR - GRAB		
					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

1 day of discharge.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-12-10 12:37 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-12-10 14:07 (Time Zone: -06:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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:	003 External Outfall	Discharge:	003-0 EXCESS FLOW TO ST JOSEPH CREEK		

Report Dates & Status					
Monitoring Period:	From 11/01/24 to 11/30/24	DMR Due Date:	12/25/24	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			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.											Req Mon DAILY MN	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB		
					Value NODI												C - No Discharge					
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												<= 30.0 MO AVG	<= 45.0 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI												C - No Discharge	C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												>= 6.0 MINIMUM	<= 9.0 MAXIMUM	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI												C - No Discharge	C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												<= 30.0 MO AVG	<= 45.0 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI												C - No Discharge	C - No Discharge				
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB	
					Value NODI												C - No Discharge					
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI												C - No Discharge	C - No Discharge				
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												<= 0.75 MO AVG		19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI												C - No Discharge					
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												<= 400.0 DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB	
					Value NODI												C - No Discharge					
82220	Flow, total	1 - Effluent Gross	0	--	Sample																	
					Permit Req.												Req Mon MO TOTAL	80 - Mgal/mo			DL/DS - Daily When Discharging	
					Value NODI												C - No Discharge					

Submission Note
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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: 2024-12-10 12:37 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-12-10 14:07 (Time Zone: -06:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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: A01 External Outfall		Discharge: A01-0 EXCESS FLOW FROM EXCESS FLOW CLARIFIERS																
Report Dates & Status																		
Monitoring Period: From 11/01/24 to 11/30/24		DMR Due Date: 12/25/24		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
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample													
					Permit Req.								=	62.4	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													
					Permit Req.								=	35.0	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample													
					Permit Req.								=	8.76	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample													
					Permit Req.								=	1.98	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									Req Mon MO AVG	Req Mon DAILY MX		19 - mg/L	DL/DS - Daily When Discharging
82220	Flow, total	1 - Effluent Gross	0	--	Sample													
					Permit Req.								=	0.49	80 - Mgal/mo	0	DL/DS - Daily When Discharging	CN - CONTIN
					Value NODI									Req Mon MO TOTAL	80 - Mgal/mo		DL/DS - Daily When Discharging	CN - CONTIN
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																		
1 day of discharge. Event: 11/5/24, discharging for 3 hours, 2.06 inches of rain over 23 hours. B01 flow rate at A01 start time: 16,076 gpm.																		
Attachments																		
No attachments.																		
Report Last Saved By																		
DOWNERS GROVE SANITARY DISTRICT																		
User: reeseberry		Name: Dorrance Berry		E-Mail: rberry@dgsd.org														

Date/Time: 2024-12-10 12:40 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-12-10 14:07 (Time Zone: -06:00)

NODI																					
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	-	Sample								<	1,0	19 - mg/L	01/30 - Monthly	CP - COMPOS				
					Permit Req.										Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS		
					Value																
					NODI																
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	-	Sample								=	13,9	19 - mg/L	01/30 - Monthly	CA - CALCTD				
					Permit Req.																
					Value																
					NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample								=	2,81	=	3,84	19 - mg/L	08/30 - Eight Every Month	CP - COMPOS		
					Permit Req.																
					Value																
					NODI																
00666	Phosphorus, dissolved	1 - Effluent Gross	0	-	Sample								=	3,42	=	3,42	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.																
					Value																
					NODI																
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample								=	109,0	19 - mg/L	01/30 - Monthly	GR - GRAB				
					Permit Req.																
					Value																
					NODI																
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross	0	-	Sample																
					Permit Req.																
					Value																
					NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	=	9,0	=	20,35			03 - MGD						99/99 - Continuous			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX			03 - MGD									
					Value																
					NODI																
50060	Chlorine, total residual	1 - Effluent Gross	1	-	Sample								<	0,015	19 - mg/L	CL/OC - Chlorination/Occurances	GR - GRAB				
					Permit Req.																
					Value																
					NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample	=	124,28	=	407,39	26 - lb/d			=	1,4	=	2,4	19 - mg/L	04/07 - Four Per Week			
					Permit Req.	<=	1835,0 MO AVG	<=	3670,0 DAILY MX	26 - lb/d			<=	10,0 MO AVG	<=	20,0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week			
					Value																
					NODI																

Submission Note

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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: 2024-12-10 12:45 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-12-10 14:07 (Time Zone: -06:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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: C01 External Outfall		Discharge: C01-0 EXCESS FLOW FROM INTERMEDIATE CLARIFIER #1																		
Report Dates & Status																				
Monitoring Period: From 11/01/24 to 11/30/24		DMR Due Date: 12/25/24		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												Req Mon DAILY MX	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.															
					Value NODI											C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.															
					Value NODI															C - No Discharge
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.															
					Value NODI															C - No Discharge
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															
82220	Flow, total	1 - Effluent Gross	0	--	Sample											Req Mon MO TOTAL	80 - Mgal/mo		DL/DS - Daily When Discharging	CN - CONTIN
					Permit Req.															
					Value NODI															
Submission Note																				
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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: 2024-12-10 12:45 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-12-10 14:07 (Time Zone: -06:00)

DMR Copy of Record

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Permit #: IL0028380	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: INF Influent Structure	Discharge: INF-L INFLUENT MONITORING				

Report Dates & Status		Monitoring Period: From 11/01/24 to 11/30/24	DMR Due Date: 12/25/24	Status: NetDMR Validated
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Considerations for Form Completion

W0430300002

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	G - Raw Sewage Influent	0	--	Sample						=	158.0				19 - mg/L	0	09/99 - See Permit	CP - COMPOS	
					Permit Req.											19 - mg/L		09/99 - See Permit	CP - COMPOS	
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	161.0				19 - mg/L	0	09/99 - See Permit	CP - COMPOS	
					Permit Req.											19 - mg/L		09/99 - See Permit	CP - COMPOS	
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample						=	30.8				19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.											19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample						=	5.0				19 - mg/L	0	04/30 - Four Per Month	CP - COMPOS	
					Permit Req.											19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	9.06	=	20.59	03 - MGD							0	99/99 - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	
					Value NODI															

Submission Note

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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: 2024-12-10 12:46 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-12-10 14:07 (Time Zone: -06:00)

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy Underwood, General Manager

FROM: Nick Whitefleet, Maintenance Supervisor

DATE: December 11th, 2024

SUBJECT: November 2024 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance department during November 2024.

Special projects in November included:

Maintenance Services Building, Overhead Door Replacement:

The East facing overhead door and operator at the maintenance services building was poor condition and regularly in need of maintenance and repair. We budgeted to replace it this year. After receiving proposals from three different vendors for its replacement, the District selected Allied Garage Door Inc. to perform the project based on price and the quality of work they've provided in the past for the District. The door, guide rails, and operator were all replaced and are operating as expected. The total cost was \$11,514 for this project.

Portable Generator Maintenance & Repairs:

The three portable generators, primarily utilized for emergency power outages at lift stations were identified as needing maintenance and repairs. The trailer brakes were cleaned, adjusted and lubricated on all three generators. All exterior lighting was either replaced or restored to original functionality. Interior enclosure lighting was replaced with much brighter and lower maintenance LED lighting. The increased light inside the enclosure allows staff to inspect, repair, and operate the generators better and safer. The total cost for this project on all three portable generators came in at \$678.22.

Digester 4 Mixing System, Blower Overhaul:

At the end of last January, we removed the digester 4 mixing system (Pearth) blower assembly from service and installed our spare unit that had already been overhauled. We sent the removed blower out for disassembly and inspection to determine whether we would have it overhauled or buy a replacement unit. When factoring in the condition our blower was found in and the cost as well as lead time for a replacement unit, we decided to have our blower overhauled. The overhaul was performed by JC Cross Co. and was delivered in November at the total cost of \$8,563. This includes JC Cross performing a start-up of the new blower unit at a later date to be determined by the District. The 1-year warranty begins at the start-up.

Primary Clarifier 8, Cross Collector Repair:

Operators reported the cross collector for primary clarifier 8 was not operating properly. After the tank was drained and cleaned maintenance personnel discovered the gear box that couples the vertical driveshaft to the horizontal conveyor at the bottom of the pit was no longer functioning. Maintenance mechanics removed and replaced the gear box assembly, two universal joints (connecting gear box to conveyor and gear box to driveshaft) as well as the rubber boots that hold grease in the u-joints with new from stock. Replacement parts for stock were purchased from Motion Industries at the cost of \$2,394.60. The tank is back online, and the cross collector is performing as it should.

CHP System – Units 1&2 Operation Update:

CHP 1: Engine Genset performance throughout the month of November was good. We continue to be in discussions with Nissen regarding the oil consumption issue. Nissen's current belief is that a piston ring is seized, and the cost of the repair will outweigh the cost of the wasted oil. Although this theory is plausible, I am not convinced that a seized piston ring is the source of the issue as there aren't any other signs present of a seized piston ring. We are exploring other possible causes.

CHP 2: CHP 2 performed well throughout the month of November. The turbo charger needed replacement due to runtime. District Lead Mechanic, Bill Smith, replaced the turbo charger and the engine is operating as expected. The cost of the turbo charger and related installation components, purchased through Nissen, was \$12,247.

Lift Station UPS Battery Replacement:

All the District's lift stations are equipped with universal power supplies (UPS) to provide uninterrupted power to the PLC panel during power transfers or in the event of a power outage. This provides a short period of time where the panel is operational while District personnel respond. This month we replaced the UPS batteries at all lift station PLC panels excluding Centex lift station as they are under a year old. The work was performed by District staff and the batteries were purchased from CDW-G for a total cost of \$2,711.88.

Centex Lift Station Replacement Update:

The punch list is nearing completion. Unfortunately pump VFD faults have occurred again in late November and are currently under investigation.

Procurement:

Intermediate Clarifier 2, aluminum railing, \$23,828.70. Breuer Metal Craftsman Inc.

Intermediate sludge pumps 1 & 2 check valves (2), \$1681.58. USA Blue Book.

MSB locker room partitions, \$3,056. SDI (Specialties Direct Inc.).

Inducer motor assembly, Admin. Center boiler, \$641.50. Neuco

cc: AES, JMW, ME, KJR, RTJ, MJS, CS, DM

Work Order Summary

Work Order Completion Dates from 11/1/2024 to 11/29/2024

Work Assignment	Completion Date	Equipment	NOTATIONS
Monthly Fire Extinguishers Inspection	01-Nov-24	5006 Walnut Eqmnt Strge Bldg Administration Center Bar Screen Building Belt Filter Press Building Bisulfite Building Blower Building Digester 1 and 2 Control Bldg Digester 3 Control Building Digester 4 - 5 Control Buildg	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
Monthly Fire Extinguishers Inspection Exercise Of EBARA and Excess Pumps		Emergency Generator Building Excess Flow Pump 06 Excess Flow Pump 07 Excess Flow Pump 08 Excess Flow Pump 09 Excess Flow Pump 10 Excess Flow Pump 11 Excess Flow Pump 12	
Monthly Fire Extinguishers Inspection		Excess Flow Pump Station Excess Flow Sludge Pump House Filter Building Grit Building Hypochlorite Feed Blg Interm Clarifier Sludge Bldg	
Network Attached Storage Replacement		IT System	Replacement of NAS.
Monthly Fire Extinguishers Inspection		Laboratory Maintenance Services Building Microstrainer Building Operations Center	
EXERCISE RAW SEWAGE PUMP INTAKE AND DISCHARGE		Raw Sewage Pump 1	

Work Assignment	Completion Date	Equipment	NOTATIONS
		Raw Sewage Pump 2	
		Raw Sewage Pump 3	
		Raw Sewage Pump 4	
		Raw Sewage Pump 5	
Monthly Fire Extinguishers Inspection		Raw Sewage Pump Station System Garage	
Motor - excessive noise - replace bearings		WAS Pump 2 (Thickener Feed)	Replaced both motor bearings with new. 1 from Motion Ind. other from NWEM (free of charge).
Replace wiper blades w/ new	04-Nov-24	2022 Chevy Malibu	Replaced worn out wiper blades with new.
EXERCISING OF EXCESS RAW SEWAGE VALVING		Excess Flow Pump 06	
		Excess Flow Pump 07	
		Excess Flow Pump 08	
		Excess Flow Pump 09	
6 Month Oil Change Raw Sludge Pumps 2, 3, 5		Primary Sludge Pump 2	
		Primary Sludge Pump 3	
		Primary Sludge Pump 5	
3 Months Inspection on Electric Carts and Front End Loader	05-Nov-24	2016 Club Car Carryall 300 2019 Yamaha UMAX 2 AC (#3) 2022 Club Car Carryall 500	
Clean Office Roof Of All Debris		Administration Center	
Replaced UPS batteries (both sets)		Butterfield Lift Station College Lift Station	Replaced primary & backup UPS batteries with new at all stations excluding Centex.
Check Low water alarm		Digester 3 Heat Exchanger	Strainer fitting clogged for boiler make up water. Cleaned and tested.
Replaced UPS batteries (both sets)		Earlston Lift Station Hobson Lift Station Liberty Park LS Northwest Lift Station	Replaced primary & backup UPS batteries with new at all stations excluding Centex.
Procure spare parts for Raw sewage pumps		Raw Sewage Pump 1	Procured parts for stock, raw sewage pumps 1-5.
		Raw Sewage Pump 2	
		Raw Sewage Pump 3	
		Raw Sewage Pump 4	
		Raw Sewage Pump 5	
Replaced UPS batteries (both sets)		Venard Lift Station Wroble Lift Station	Replaced primary & backup UPS batteries with new at all stations excluding Centex.
Monthly Liquid Status of Under Ground Diesel Tank	06-Nov-24	Emerg Gen Diesel Storage Tank	
Top off compressor with oil		Laboratory	Topped off lab compressor with oil.
Change Pre-Filters Blowers 1 - 4.	07-Nov-24	Blower Bag Room	
Exercising of Raw and Excess		Excess Flow Pump	

Work Assignment	Completion Date	Equipment	NOTATIONS
Influent valves Repair pipe Leak in basement.		Station Hypochlorite Feed Blg	City water line broken at union by staircase. Replaced broken section with new.
2000 Hour Grease of Plant Effluent Pumps		Plant Effluent Water Pump #2	
Exercising of Raw and Excess Influent valves		Raw Sewage Pump Station	
3 Month Grease- Secondaries 1 & 2		Secondary Clarifier 1 Secondary Clarifier 2	
Exercise Ratio Valve #2		Tunnel - System 2 RAS	
Oil Change & Flush bearings and housing for Blowers #6-#8	08-Nov-24	Aeration Blower 06 Aeration Blower 07 Aeration Blower 08	
Check Hose Connections On #2 & #4 PEARth Units		Digester 2 Mixing System	
500 Hour Oil Change on Pearth 4		Digester 4 Mixing System	
Grease fittings on munters unit		Filter Building	
Check Basement Flooding alarms / sensors		Hypochlorite Feed Blg	Verified operation of float assys. (hypo bsmt stuck - rqr cleaning) Raw sewage ok.
Primary 5-6 shear pin and hub maintenance		Primary Clarifier 5 Primary Clarifier 6	Removed shear pins, cleaned/greased hub assy's and verified operation.
Primary 7-9 shear pin and hub maintenance		Primary Clarifier 7 Primary Clarifier 8 Primary Clarifier 9	Removed shear pins, clean/lube hubs, reassemble & verify operation.
Check Basement Flooding alarms / sensors		Raw Sewage Pump Station	Verified operation of float assys. (hypo bsmt stuck - rqr cleaning) Raw sewage ok.
VFD Failure, Replace fuse block and 2 fuses.		Raw Sewage Pump VFD 2	Replaced damaged fuse block and replaced fuses as needed. Order replacement fuses for stock.
Grease fittings on each moyno 1 and 2	11-Nov-24	Belt Press Sludge Feed Pump 1 Belt Press Sludge Feed Pump 2	
Replace Wiper Grit Conveyors 1-2		Grit Conveyor System	
Ops Center no heat - inducer mtr.		Operations Center	Inducer motor failed, replaced with new.
Boiler makes squaling noise while operating	12-Nov-24	Administration Center	Replaced inducer motor/blower assembly with new. (Neuco)
3 Month Oil Change Blower #4		Aeration Blower 04	
Change small air filter located on Unison Control Panel A/C Air intake		CHP Gas Cleaning System	
Exercise valves at Belt Press Building	13-Nov-24	Belt Filter Press Belt Filter Press Building Belt Press Feed Sludge Pits Belt Press Polymer Mix System Belt Press Sludge Conveyor	

Work Assignment	Completion Date	Equipment	NOTATIONS
		Belt Press Sludge Feed Pump 1	
		Belt Press Washwater System	
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Monthly Underground Storage Tanks Inspection	14-Nov-24	Emerg Gen Diesel Storage Tank	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Cross collector fail - 90 deg. gear box rplc.		Primary Clarifier 8	Replaced worn out 90 degree gear box, u-joints (2), grease boots (2). Verified operation.
3 Month exercise of landia Gate Valves	15-Nov-24	Digester 1 Mixing Pump	
4 MONTH CLEANING OF PEARTH 2 & 4 STRAINERS		Digester 2 Mixing System	
		Digester 4 Mixing System	
Check, Remove,Clean. Grease-debris from wells		Excess Flow Pump Station	
Primary 8 long collector rail repair		Primary Clarifier 8	Removed loose & deteriorated eastern-most upper rails. Repaired deteriorated rail and resecured to tank walls.
Check, Remove,Clean. Grease-debris from wells		Raw Sewage Pump Station	
Check Sump Pumps at The WWTC and Administration Bldg.	18-Nov-24	Administration Center	
		Blower Building	
Six Month Oil Change WAS Moyno Pumps Reducers		Conc Tank Moyno Sludge Pump 1	
		Conc Tank Moyno Sludge Pump 3	
Check Sump Pumps at The WWTC and Administration Bldg.		Digester 1 and 2 Control Bldg	
		Digester 3 Control Building	
		Digester 4 - 5 Control Buildg	
Rebuild spare blower		Digester 4 Mixing System	JC Cross picked up, rebuilt and delivered blower. Will return for start-up.
Check Sump Pumps at The WWTC and Administration Bldg.		Excess Flow Pump Station	
		Excess Flow Sludge Pump House	
		Grit Building	
		Hypochlorite Feed Bldg	
		Interm Clarifier Sludge Bldg	
Replaced worn check valves with new		Intermediate Sludge Pump 1	Removed and replaced check valve with new.
		Intermediate Sludge Pump 2	

Work Assignment	Completion Date	Equipment	NOTATIONS
Check Sump Pumps at The WWTC and Administration Bldg.		Maintenance Services Building Microstrainer Building Operations Center Raw Sewage Pump Station Tunnel/Chan Aeration Tank 1-11	
Oil, filters, lube of Snow Plows	19-Nov-24	2014 Ford F-250 Plow Truck 2020 F350 4x4	
Quartely Flow Test In Maintenance Garage 2000 Hour Grease of the UNISON BLOWER MOTOR MONTHLY EXERCISE OF ALL HEAT EXCHANGERS- GAS MODE	20-Nov-24	Maintenance Services Building CHP Gas Cleaning System Digester 1 Heat Exchanger Digester 2 Heat Exchanger Digester 3 Heat Exchanger Digester 4 Heat Exchanger Digester 5 Cover	
Remove/Install Insulating Jackets on Digester Gas Equipment MONTHLY EXERCISE OF ALL HEAT EXCHANGERS- GAS MODE		Digester 5 Heat Exchanger	
Replace battery	21-Nov-24	2019 Ford F-150 Pickup	Replaced failing battery with new.
Procure maintenance parts for CHP 1 & 2		CHP Engine Genset #1 CHP Engine Genset #2	Procured air filter (2)-Amazon Business, Spark Plug seals - Nissen.
35,402 hours, Turbo Replacement	22-Nov-24		Removed and replaced turbo charger with new based on run-time.
Repair electrical deficiencies and adjust brakes		Portable Generator 150 Portable Generator 200 Portable Generator 350	Repaired or replaced all interior and exterior auxillary lighting. Cleaned adjusted and lubricated brakes.
Replace ORP Probe membrane	25-Nov-24	Aeration Tank 10	Replaced damaged membrane with new from stock. Verified operation.
Six Month Oil Change Secondaries 3 - 5		Secondary Clarifier 3 Secondary Clarifier 4 Secondary Clarifier 5	
3 MONTH GREASE OF BFP MOYNO PUMPS	26-Nov-24	Belt Press Sludge Feed Pump 1 Belt Press Sludge Feed Pump 2	
Turn on and run Chlorine Contact Tank sweep arm 35,455 Hours, Oil Change		Chlorine Contact Tank CHP Engine Genset #2	Changed oil and oil filters. Sent oil sample for lab analysis. Sample # IND-72000.
2 MONTH EXERCISE OF		Conc Tank Moyno	

Work Assignment	Completion Date	Equipment	NOTATIONS
W.A.S. MOYNO PUMPS 1 AND 3		Sludge Pump 1 Conc Tank Moyno Sludge Pump 3	
Generator Enclosure Pest Control		Earlston Stationary Generator	Signs of mice in generator enclosure, sealed openings and set up traps.
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
Qt. Valves and Gates Exercise		Excess Flow 003 Valves	
MONTHLY EXERCISE OF SECONDARY 5		Secondary Clarifier 5	
East restroom urinal clogged & no auto flush	27-Nov-24	Administration Center	Used liquid clog remover on drain. Replaced flush sensor with one from stock (former MSB flush valve).
500 Hour Oil Change on Pearth 4		Digester 4 Mixing System	
Replace East level transducer		Liberty Park LS	Diagnosed faulty transducer and replaced with new from stock. Ordered replacement for stock.
6-Month Elevator inspection	29-Nov-24	Excess Flow Pump Station Raw Sewage Pump Station	6 month elevator inspection performed by Colley Elevator.

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: December 10, 2024

TO: Amy Underwood
General Manager

FROM: Todd Freer
Sewer System Maintenance Supervisor

RE: Monthly Report – November 2024

1.

JULIE Line Markings:	Current	Year to Date
Received	1,182	11,875
In District	1,109	11,460
Marked	229	3,056
Man Hours	77	1,021.8

2.

Building Service:	Current	Year to Date
BSSRAP TV Inspections	14	206
Emergency BSSRAP Repairs	12	105
Total BSSRAP Repairs	24	188
I&I Inspections	0	33
I&I C.O. Inspections	0	0
Replace Broken Cleanout Caps	1	6
OHSP TV Inspections	1	3
Post Rodding TV	5	66

3.

Sewer Back-Ups:	Current	Year to Date
Public Sewer	0	5
Private Sewer	9	177
Surcharged Main	0	0
Pump Station	0	1
Total	9	183

4.

	Current	Year to Date
Sewer Cleaning (DGSD Personnel):	39,687.70	328,976.9 Ft.
a. Sewer Cleaning (Outside Contractors)	0 Ft.	0 Ft.

5.

Main Sewer Televising (DGSD personnel)	698	2,499 Ft.
a. Sewer Televising (Outside Contractors)	61,306.29	70,919.49 Ft.

6.		Current	Year to Date
	LETS TV	0	0
7.			
	Manhole Inspections	18	184

8. Infiltration/Inflow Removal Work

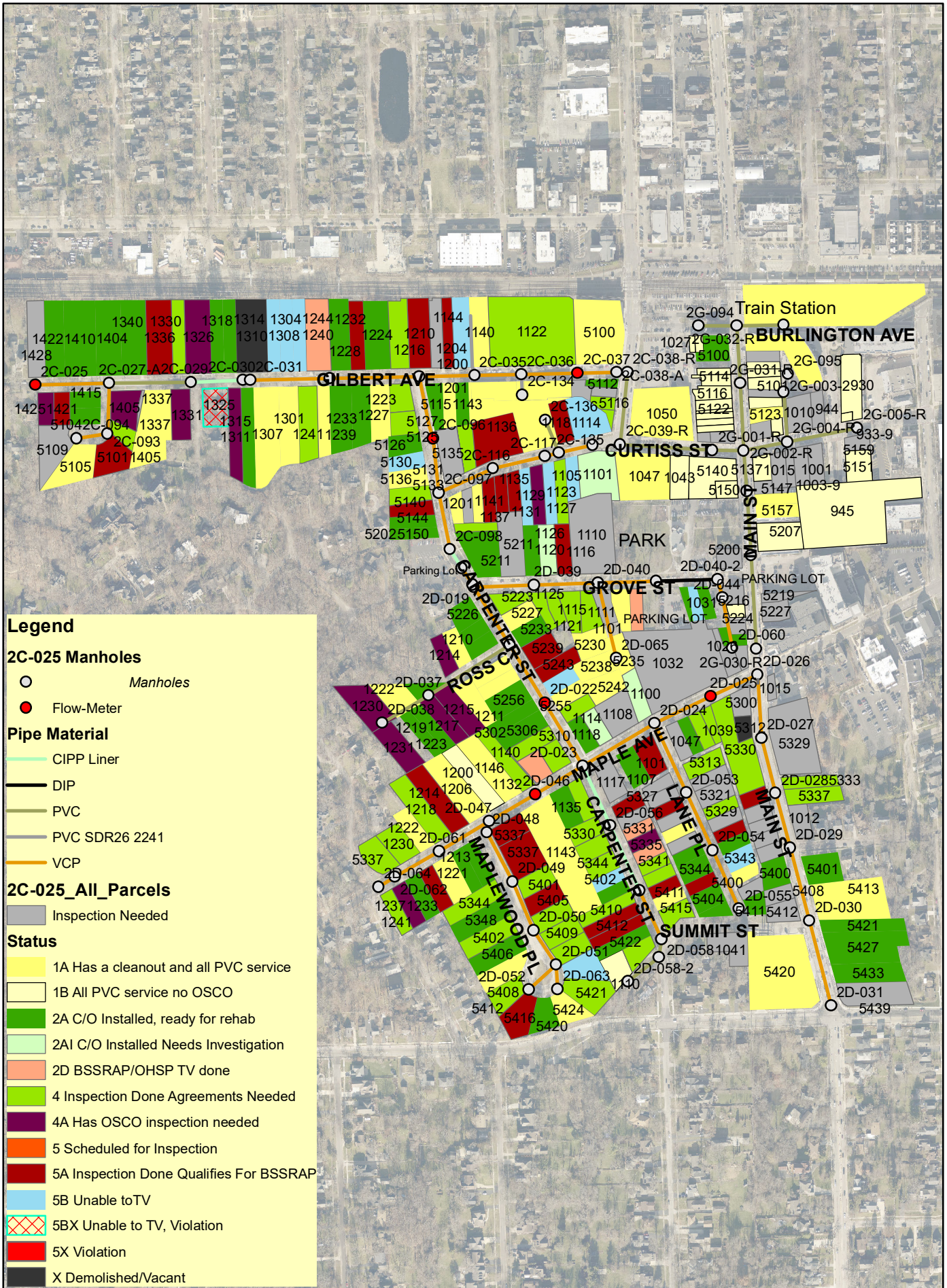
Inspection efforts on private property under the I/I program with the intention of conducting I/I removal are on-going in the 2C-025 basin in downtown Downers Grove. A map showing progress for the 2C-025 is included herein, as well as a summary sheet. Group "G" inspections are still being performed that include Main Street and Lane Place properties.

9. SewerTech, LLC. has finished televising all the pipe in the 2024 Contract Televising. The files are currently being reviewed for quality and total footage for pay request.

10. The sewer lining for 814 & 818 Prairie is scheduled for December 2nd. The vendor performing the lining is Precision Plumbing. The liner will be installed on a 6" diameter easement line that serves both buildings and connects to the public main on Birch Avenue. DGSD will assume responsibility to maintain this line in the future due to its location and configuration.

CC: AES, JMW, KJR, RTJ, MJS, DM, CS, KWS, ME

2C-025 I&I Investigation Status



Legend

2C-025 Manholes

- Manholes
- Flow-Meter

Pipe Material

- CIPP Liner
- DIP
- PVC
- PVC SDR26 2241
- VCP

2C-025_All_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
- 2D BSSRAP/OHSP TV done
- 4 Inspection Done Agreements Needed
- 4A Has OSCO inspection needed
- 5 Scheduled for Inspection
- 5A Inspection Done Qualifies For BSSRAP
- 5B Unable to TV
- 5BX Unable to TV, Violation
- 5X Violation
- X Demolished/Vacant

STATUS OF PARCELS 2C-025 I&I INVESTIGATION

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	50	17%
1B	Y	Y	N	N	N	N/A	27	9%
2A	Y	Y	Y	Y	Y	N	45	16%
2AI	Y	Y	Y	Y	Y	N	4	1%
2B	Y	Y	Y	Y	Y	N	0	0%
2D	Y	Y	Y	N	N	N	4	1%
4	Y	Y	N	N	N	N	50	17%
4A	N	N	N	N	N/A	N	13	5%
5	Y	N	N	N	N	N	1	1%
5A	Y	Y	N	N	N	N	33	11%
5AX	Y	Y	N	N	N	N	0	0%
5B	Y	N	N	N	N	N	14	5%
5BX	Y	N	N	N	N	N	0	0%
0	N	N	N	N	N	N	44	15%
X	-	-	-	-	-	-	3	1%
5X	-	-	-	-	-	-	0	0%
							<u>288</u>	<u>100%</u>

27% Complete

2023 Basin I&I Ranking = 9

Category Description:

- 1A - PVC service with cleanout
- 1B - All PVC no Cleanout
- 2A - Cleanout installed, ready for rehab
- 2AI - C/O Installed Needs Investigation
- 2B - Ready for rehab
- 3 - Program application received (executed agreements needed)
- 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
- X2 - Vacant not Disconnected

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: December 6, 2024

TO: Amy R. Underwood
General Manager

FROM: Keith Shaffner
Sewer Construction Supervisor

RE: Monthly Report: Sewer Construction \ Code Enforcement – November 2024

- | | | | |
|----|---|----------|--------------|
| 1. | Permits issued: | Current | Year to Date |
| | a. Single family | 6 | 44 |
| | b. Multiple family | 0 | 0 |
| | c. Commercial | 1 | 11 |
| | d. Repair | 0 | 16 |
| | e. Disconnection | <u>2</u> | <u>32</u> |
| | Total | 9 | 103 |
| 2. | Inspections made: | Current | Year to Date |
| | a. Connections | 4 | 58 |
| | b. Finals | 4 | 36 |
| | c. Repairs | 1 | 16 |
| | d. Disconnects | 3 | 37 |
| | f. Walk-Thru | 0 | 0 |
| | g. Pre-connections | 2 | 7 |
| | h. Overhead Sewer Program | 0 | 0 |
| | i. Code Enforcement | 2 | 6 |
| | j. Lateral testing | <u>3</u> | <u>41</u> |
| | Total | 19 | 201 |
| 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. 1137 Saylor – Single Family Home
 - b. 3300 Finley – Commercial Review
 - c. 3206 Mulberry – Single Family Home
 - d. 4003 N. Washinton – Single Family Home

7. Building Sanitary Service Access Agreements:
 - a. 1137 Saylor – Downers Grove
 - b. 3206 Mulberry – Oak Brook
 - c. 4003 N. Washington – Westmont

8. Illinois EPA Permits:

None

9. Miscellaneous:

None

CC: AES, JMW, ME, KJR, RTJ, MJS, TF, CS & DM

Permits Issued: NOVEMBER 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2024	102	1648	CAROL	DG	11/5/2024	SF-SC	\$3,860.50	\$273.00
2024	98	4832	SEELEY	DG	11/6/2024	SF-RB		\$273.00
2024	103	1137	SAYLOR	DG	11/11/2024	DISCON		
2024	89	3300	FINLEY	DG	11/12/2024	COM	\$15,442.00	\$452.00
2024	80	301 N	GRANT	W	11/13/2024	SF	\$3,860.50	\$273.00
2024	104	1137	SAYLOR	DG	11/13/2024	SF-RB		\$273.00
2024	100	5253	BLODGETT	DG	11/15/2024	SF-RB		\$273.00
2024	107	140 S	PARK	W	11/25/2024	DISCON		
2024	95	1231	ARNOLD	DG	11/27/2024	SF	\$3,860.50	\$273.00
TOTAL:							\$27,023.50	\$2,090.00

Permit Final Inspections: NOVEMBER 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2023	59	5310	CARPENTER	DG	12/18/2024
2024	8	5598	SHERMAN	DG	12/20/2024
2024	23	4712	MONTGOMERY	DG	12/20/2024
2024	21	4937	MIDDAUGH	DG	12/20/2024

Progress Report

To: Amy Underwood, General Manager
From: Reese Berry, Laboratory Supervisor
Date: December 11, 2024
Re: November 2024 Laboratory Report

DGSD had zero excess flow sampling events during November 2024. DGSD zero NPDES excursions during the month of November 2024.

Biosolids:

We sampled Class A Biosolids for the final bi-monthly requirement in November. All sampling results were well under the Class A requirements for land application.

We will begin working to complete the biosolids annual report, which is due in February 2025.

Pretreatment:

IWS (Industrial Waste Survey) was sent to 65 users in areas of our district that may have pretreatment activities at their locations. This survey is the first year we provided a QR code and link to an online form to complete. We've had a positive response to the survey with nearly 60% returned from the initial mailing. Follow-up letters were sent out in November with a December deadline to complete.

Attended a webinar hosted by USEPA for the upcoming electronic reporting of the annual industrial pretreatment report due each April. The rule will not go into effect until at least the spring of 2026 for our region.

NPDES Sampling:

DGSD completed the second half 2024 of NPDES semi-annual sampling requirements during the month of November. All data was acceptable and under concentration requirements.

Biowin Modeling/Sampling:

During the month of November, we solidified a plan for sampling/testing for this project. It's a new challenge for lab staff and requires a very busy, potentially long workday. I feel our staff is energized by this new challenge for the upcoming year. We will be collecting data for multiple test parameters at 10 different sampling locations. It's challenging for us to manage the work, but in time we'll become more efficient. Baxter & Woodman will be using the data collected to evaluate biological phosphorus removal potential at our facility.

C: AES, JMW, ME, KJR, RTJ, MJS, CSS, DM

To: Board of Trustees
From: Amy Underwood
Re: Engineering Report for November 2024
Date: December 13, 2024

A summary of the status of several projects is provided below.

I. Planning Projects & Studies

A. Biosolids Processing Improvements

B&W is preparing a technical memo with their findings and cost estimates for recommended modifications to improve digestion of grease.

B. WWTC & Lift Station Code Review

The District is in the process of doing a final review of the report.

C. Maple Grove Bridge and Sanitary Sewer Replacement Project Feasibility Study

No update was received from the Forest Preserve District of DuPage County for this month.

II. Design Projects

A. 1-G-004 to 1-G-004A (Rogers St) Sewer Replacement

Soil borings were completed on December 11.

B. Wroble Force Main Repair

Soil borings were completed on December 11.

C. Blower Room Clean Up

On December 2, I signed a contract with Midwest Environmental Consulting Services, Inc. for engineering services for the mercury clean up in the blower room in the Operations Center.

III. Construction Projects

A. Centex Lift Station Replacement

No pay request was submitted 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		<hr/> \$1,455,000.00
D	Total Completed and Stored to Date	D		\$1,313,694.22
E	Retainage	E	-	\$131,369.42
F	Total Earned Less Retainage	D-E= F		<hr/> \$1,182,324.80
G	Less Previous Certificates for Payment	Previous Payments	-	\$1,182,324.80
H	Current Payment Due	F-G= H		<hr/> \$0.00
I	Balance to Finish, including Retainage	C-F=I		\$272,675.20

B&W continues to negotiate change orders with Berger. A credit is expected.

Please refer to the Maintenance monthly report for information on the construction status.

B. Outfall 001 Sanitary Sewer Repair

No pay request was submitted this month.

B&W is working with Archon to close out the project. This will include a three-year maintenance bond for establishment of the wetland plantings.

C. Venard Force Main Replacement

A payment request from Swallow Construction Corp. for this project is included in the December Claim Ordinance. Change Order No. 1, which is included in the following summary, will be presented to the Board for approval at the December Board meeting.

Since the project is substantially complete, the District agreed to reduce the retainage from 5% to 2%.

A	Original Contract Sum	A		\$669,021.00
B	Net Change by Change Orders to Date	B	+	\$9,595.29
C	Contract Sum to Date	A+B = C		<hr/> \$678,616.29
D	Total Completed and Stored to Date	D		\$634,083.33
E	Retainage	E	-	\$12,681.67
F	Total Earned Less Retainage	D-E= F		<hr/> \$621,401.66
G	Less Previous Certificates for Payment	Previous Payments	-	\$365,558.40
H	Current Payment Due	F-G= H		<hr/> \$255,843.26
I	Balance to Finish, including Retainage	C-F=I		\$57,214.63

The reflective pavement marking and a small amount of sod will be installed next year when the weather allows it.

D. SCADA Platform Replacement (Ignition)

A payment request from Concentric for this project is included in the December Claim Ordinance.

Engineer's Fee	\$236,300.00
Total Completed to Date	\$197,803.15
Less Previous Payments	<u>-\$188,799.40</u>
Current Payment Due	<u>\$ 9,003.75</u>
Remaining	\$38,496.85

Concentric continues to work on screens for the WWTC.

At the time the project was budgeted, most of the reporting work was planned to be completed by District Staff. During the initial training, it became apparent that the skill level and time commitment required to set up and modify data entry sheet and reports in the new SCADA software (Ignition) is more intensive than was understood when the project was budgeted. Concentric has recommended using WIMS Rio for reporting instead. Concentric has provided pricing for this option to the District and is currently following up with the software provider to answer District staff's questions.

E. SCADA PLC Replacement

A payment request from Concentric for this project is included in the December Claim Ordinance.

Engineer's Fee	\$87,960.00
Total Completed to Date	\$81,744.64
Less Previous Payments	<u>-\$72,485.97</u>
Current Payment Due	<u>\$9,258.67</u>
Remaining	\$6,215.36

The work is complete.

F. WWTC Gas Detection System – SCADA Integration

A payment request from Concentric for this project is included in the December Claim Ordinance.

Engineer's Fee	\$28,300.00
Total Completed to Date	\$3,144.37
Less Previous Payments	<u>-\$3,091.87</u>
Current Payment Due	<u>\$52.50</u>
Remaining	\$25,155.63

Concentric has coordinated with District staff on how the new SCADA points will be wired within the existing SCADA panels. Concentric is preparing the new SCADA screen.

G. WWTC Gas Detection System

A payment request from Connelly Electric Co. for this project is included in the December Claim Ordinance. This payment request covers their bonds and insurance.

A	Original Contract Sum	A		\$312,000.00
B	Net Change by Change Orders to Date	B	+	\$0.00
C	Contract Sum to Date	A+B = C		<hr/> \$312,000.00
D	Total Completed and Stored to Date	D		\$9,000.00
E	Retainage	E	-	\$900.00
F	Total Earned Less Retainage	D-E= F		<hr/> \$8,100.00
G	Less Previous Certificates for Payment	Previous Payments	-	\$0.00
H	Current Payment Due	F-G= H		<hr/> \$8,100.00
I	Balance to Finish, including Retainage	C-F=I		\$303,900.00

The shop drawing for the gas detectors and controllers was approved on October 31. The equipment is expected to take ten weeks to arrive after the approval. B&W continues to review shop drawings for the smaller items of the work.

H. 2024 Sewer Rehabilitation (Lining)

A payment request from Hoerr Construction, Inc. for this project is included in the December Claim Ordinance. Change Order No. 1, which is included in the summary below, will be presented to the Board for approval at the December Board meeting.

A	Original Contract Sum	A		\$1,497,724.00
B	Net Change by Change Orders to Date	B	-	\$62,310.00
C	Contract Sum to Date	A+B = C		<u>\$1,435,414.00</u>
D	Total Completed and Stored to Date	D		\$1,265,761.80
E	Retainage	E	-	\$126,576.18
F	Total Earned Less Retainage	D-E= F		<u>\$1,139,185.62</u>
G	Less Previous Certificates for Payment	Previous Payments	-	\$0.00
H	Current Payment Due	F-G= H		<u>\$1,139,185.62</u>
I	Balance to Finish, including Retainage	C-F=I		\$296,228.38

The work is complete with the exception of the grouting, which will be completed in the spring.

I. 2024 Sewer Televising

The first and final payment request from Sewertech LLC for this project is included in the December Claim Ordinance. Change Order No. 1, which is included in the summary below, will be presented to the Board for approval at the December Board meeting.

A	Original Contract Sum	A		\$127,622.90
B	Net Change by Change Orders to Date	B	-	\$3,418.50
C	Contract Sum to Date	A+B = C		<u>\$124,204.40</u>
D	Total Completed and Stored to Date	D		\$124,204.40
E	Retainage	E	-	\$0.00
F	Total Earned Less Retainage	D-E= F		<u>\$124,204.40</u>
G	Less Previous Certificates for Payment	Previous Payments	-	\$0.00
H	Current Payment Due	F-G= H		<u>\$124,204.40</u>
I	Balance to Finish, including Retainage	C-F=I		\$0.00

C: BOLI, CS, DM

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE 11/30/2024

CASH BALANCES		11/30/2024 BALANCE PER BANK STATEMENT	PREVIOUS MONTH AS OF 10/30/24					
			BALANCE PER BANK STATEMENT	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT APPLIED TO BANK FEES	NET MONTHLY EARNINGS CREDIT	YTD CUMULATIVE EARNINGS CREDIT	INT EARNED ON FUNDS IN EXCESS OF \$1.5M
ACCOUNT NAME	ACCOUNT NUMBER							
DEPOSIT	XXXXXXXXXX1116	\$2,268,956.28	\$2,396,131.69					
DISBURSEMENT	XXXXXXXXXX1111	270,936.70	215,913.63					
FLEXIBLE BENEFITS	XXXXXXXXXX6025	11,488.02	13,321.22					
PAYROLL	XXXXXXXXXX1117	218,655.99	213,998.40					
PETTY CASH	XXXXXXXXXX1112	4,455.11	2,815.88					
USER REFUNDS	XXXXXXXXXX1114	5,934.64	6,263.19					
TOTAL - CASH AT BANK		\$2,780,426.74	\$2,848,444.01	\$2,930.82	\$1,932.63	\$998.19	\$3,403.58	\$1,910.29

INVESTMENTS		TERM	MATURITY	AMOUNT	ANNUAL INT. RATE	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										
CD	STEARNS BANK	9 MOS	1/17/2025	\$250,000.00	5.000%	\$250,000.00					\$9,375.00
CD	LISLE SAVINGS BANK	9 MOS	2/20/2025	\$250,000.00	4.800%	\$250,000.00					\$9,000.00
CD	EVERGREEN BANK GROUP	12 MOS	3/1/2025	\$259,023.64	4.850%	\$259,023.64					\$12,562.65
CD	TRISTATE CAPITAL BANK	24 MOS	8/9/2026	\$250,000.00	4.000%			\$250,000.00			\$20,000.00
TOTAL CDs				\$1,009,023.64	4.664%	\$759,023.64	\$0.00	\$250,000.00	\$0.00	\$0.00	\$50,937.65

TYPE	FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT	CURRENT RATE OF RETURN					ESTIMATED ANNUAL RETURN	
MM	BANKFINANCIAL	ONGOING	6/21/2023	\$252,992.49	4.640%	\$252,992.49				\$11,738.85	
MM	TRISTATE CAPITAL BANK	ONGOING	4/16/2021	\$11.91	3.230%			\$11.91		\$0.38	
TOTAL MM ACCOUNTS				\$253,004.40	4.640%	\$252,992.49	\$0.00	\$11.91	\$0.00	\$0.00	\$11,739.24
SCHWAB - US TREASURIES		ONGOING	10/30/2024	\$3,000,038.28	SEE ATTACHED	\$3,000,038.28					SEE ATTACHED
ILLINOIS FUNDS - MONEY MARKET				\$5,678,884.98	4.797%	\$3,193,973.60	\$915,338.66	\$1,569,572.72	\$0.00	\$0.00	\$272,416.11

TOTAL - ALL INVESTMENTS	\$9,940,951.30	\$7,206,028.01	\$915,338.66	\$1,819,584.63	\$0.00	\$0.00
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TOTAL CASH AND INVESTMENTS \$12,721,378.04

NOTES:

As of October 2024, any "Net Monthly Earnings Credit" in excess of the "Earnings Credit Applied to Bank Fees" will accumulate and roll forward into the "YTD Cumulative Earnings Credit". Chase intends to include "YTD Cumulative Earnings Credit" dating back to May 1, 2024 and align the total with our fiscal year. The "YTD Cumulative Earnings Credit" will reset to \$0 annually at the end of our fiscal. We are currently working with Chase to correct the "YTD Cumulative Earnings Credit" dollar amount to capture all excess credits back to May 1. The Monthly Earnings Credit Rate was 1.65% in October 2024 and credits were earned on any balances that did not earn interest.

In addition, in October 2024, we began to earn interest on all Chase daily balances in excess of the \$1.5M. \$1.5M is internally determined by the Administrative Supervisor and can fluctuate based on our determination as to what is a reasonable balance necessary to cover all Bank Fees. The interest rate for October was 1.56%.



Positions - Summary

Beginning Value as of 11/01	+	Transfer of Securities(In/Out)	+	Dividends Reinvested	+	Cash Activity	+	Change in Market Value	=	Ending Value as of 11/30	Cost Basis	Unrealized Gain/(Loss)
\$2,991,569.61		\$0.00		\$0.00		\$38.28		\$5,803.15		\$2,997,411.04	\$2,991,139.65	\$5,609.04

Values may not reflect all of your gains/losses; Schwab has provided accurate gain and loss information wherever possible for most investments. Cost basis may be incomplete or unavailable for some of your holdings and may change or be adjusted in certain cases. Statement information should not be used for tax preparation, instead refer to official tax documents. For additional information refer to Terms and Conditions.

Cash and Cash Investments

Type	Symbol	Description	Quantity	Price(\$)	Beginning Balance(\$)	Ending Balance(\$)	Change in Period Balance(\$)	Pending/Unsettled Cash(\$)	Interest/ Yield Rate	% of Acct
Bank Sweep		CHARLES SCHWAB BANK ^{X,Z}			624.07	662.35	38.28		0.10%	<1%
Total Cash and Cash Investments					\$624.07	\$662.35	\$38.28			<1%

Positions - Fixed Income

Symbol/ CUSIP	Description	Coupon	Maturity Date	Quantity/Par	Price(\$)	Market Value(\$)	Adj Cost Basis/ Orig Cost Basis(\$)	Unrealized Gain/(Loss)(\$)	Yield to Maturity	Est. Annual Income(\$)	Accrued Income(\$)	% of Acct
912797NC7	US TREASURY		04/24/25	680,000.0000	98.28201	668,317.67	665,367.28 665,367.28	2,950.39	4.51%	N/A	0.00	22%
912797MG9	US TREASURY		08/07/25	517,000.0000	97.11355	502,077.05	500,233.69 500,233.69	1,843.36	4.35%	N/A	0.00	17%
912797MS3	US TREASURY		10/02/25	693,000.0000	96.49977	668,743.41	666,234.63 666,234.63	2,508.78	4.33%	N/A	0.00	22%
91282CHM6	US TREASUR NT Moodys: NR S&P: NR	4.5%	07/15/26	491,000.0000	100.39062	492,917.94	493,619.56 493,619.56	(701.62)	4.17%	22,095.00	8,345.67	16%
91282CLP4	US TREASUR NT	3.5%	09/30/26	673,000.0000	98.76562	664,692.62	665,684.49 665,684.49	(991.87)	4.09%	23,555.00	4,012.12	22%
Total Fixed Income				3,054,000.0000		\$2,996,748.69		\$5,609.04		\$45,650.00	\$12,357.79	100%

Accrued Income represents the interest that would be received if the fixed income investment was sold prior to the coupon payment.

Yield to Maturity is the annualized rate of return earned if held until maturity date.

SCHWAB INVESTMENTS

11/30/2024

	11/30/2024				11/30/2024		11/30/2024	
	QUANTITY/PAR	CURRENT MARKET		PURCHASE	AT DATE OF PURCHASE	MARK TO MARKET		
		PRICE(\$)	MARKET VALUE	PRICE(\$)	COST BASIS/PURCHASE PRICE	UNREALIZED GAIN/(LOSS)		
912797NC7	680,000.00	\$ 98.282010	\$ 668,317.67	\$ 97.848100	\$ 665,367.28	\$	2,950.39	
912797MG9	517,000.00	\$ 97.113550	\$ 502,077.05	\$ 96.757000	\$ 500,233.69	\$	1,843.36	
912797MS3	693,000.00	\$ 96.499770	\$ 668,743.41	\$ 96.137700	\$ 666,234.63	\$	2,508.78	
91282CHM6	491,000.00	\$ 100.390620	\$ 492,917.94	\$ 100.533500	\$ 493,619.56	\$	(701.61)	
91282CLP4	673,000.00	\$ 98.765620	\$ 664,692.62	\$ 98.913000	\$ 665,684.49	\$	(991.87)	
FIXED INCOME - POSITIONS			\$ 2,996,748.69		\$ 2,991,139.65			
CASH			\$ 662.35		\$ 624.07			
91282CLP4 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/28/24					\$ 1,811.92			
91282CHM6 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/30/24					\$ 6,424.36			
TOTAL	3,054,000.00		\$ 2,997,411.04		\$ 3,000,000.00	\$	5,609.04	
DIVIDENDS AND INTEREST EARNED				11/30/24 YTD	\$ 38.28			
SCHWAB - US TREASURIES AS REPORTED ON INVESTMENT SCHEDULE				11/30/2024	\$ 3,000,038.28			
91282CLP4 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/28/24					\$ (1,811.92)			
91282CHM6 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/30/24					\$ (6,424.36)			
UNREALIZED GAIN/(LOSS)				11/30/24 YTD	\$ 5,609.04			
ENDING MARKET VALUE AS REPORTED ON SCHWAB STATEMENT				11/30/2024	\$ 2,997,411.04			

Board of Trustees
Amy E. Sejnost
President
Jeremy M. Wang
Vice President
Mark Eddington, P.E.
Clerk



General Manager
Amy R. Underwood, P.E.

Legal Counsel
Daniel McCormick, P.C.

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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: December 13, 2024
Subject: Treasurer's Report for November 2024

Attached please find the subject report that tracks income and expenses for the first seven months of Fiscal Year 24-25.

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

Year-to-date	Income	Expenses
General Fund	\$ 8,160,428.39 (page 1)	\$ 5,777,008.23 (page 6)
Improvement Fund	\$ 449,705.58 (page 7)	\$ 567,707.11 (page 8)
Construction Fund	\$ 158,749.18 (page 9)	\$ 29,480.93 (page 10)
Public Benefit Fund	\$ 0.00 (page 11)	\$ 0.00 (page 11)
TOTAL	\$ 8,768,883.15	\$ 6,374,196.27

C: BOLI, DM, CS

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Fund number & Description	Ending Fund Balance

Fund 01 : GENERAL FUND	\$9,604,118.12
Fund 02 : IMPROVEMENT FUND	\$1,352,636.55
Fund 03 : CONSTRUCTION FUND	\$1,950,481.70
Fund 05 : PUBLIC BENEFIT FUND	\$37,817.83
Recap Totals	<hr/> \$12,945,054.20

TREASURER'S REPORT

DATE 12/05/24
 FUND 01 GENERAL FUND

MONTH ENDED 11/30/24

PAGE 1

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT		BUDGET	BUDGET		
			MONTH	MONTH	Y-T-D	Y-T-D			
=====									
DEPT 05	REVENUES								
3000	PROPERTY TAXES		9,199.40-	16,652-	1,493,339.19-	1,473,600-	19,739.19-	1.3	1,473,600-
3001	USER RECEIPTS		462,189.98-	505,439-	2,823,388.63-	2,849,877-	26,488.37	.9-	4,702,200-
3002	SURCHARGES		54,103.83-	50,950-	285,791.40-	287,279-	1,487.60	.5-	474,000-
3004	PLAN REVIEW FEES		.00	125-	.00	375-	375.00	100.0-	500-
3005	CONSTRUCTION INSPECTION FEES		.00	120-	.00	360-	360.00	100.0-	500-
3006	PERMIT INSPECTION FEES		2,090.00-	1,600-	10,153.00-	11,200-	1,047.00	9.4-	19,000-
3007	INTEREST ON INVESTMENTS		20,336.38-	6,500-	221,044.43-	45,500-	175,544.43-	385.8	77,500-
3013	SAMPLING AND MONITORING		12,637.20-	7,920-	85,741.90-	67,840-	17,901.90-	26.4	116,000-
3014	REPLACEMENT TAXES		.00	0	86,279.37-	62,400-	23,879.37-	38.3	120,000-
3015	MISCELLANEOUS INCOME		.00	300-	3,474.01-	2,500-	974.01-	39.0	4,000-
3016	SALE OF ELECTRICITY		.00	2,000-	8,390.97-	14,000-	5,609.03	40.1-	20,000-
3020	SALE OF PROPERTY		.00	4,000-	994.00-	72,000-	71,006.00	98.6-	92,000-
3021	TELEVISION INSPECTION		.00	150-	.00	150-	150.00	100.0-	150-
3023	PROPERTY LEASE PAYMENTS		3,392.86-	3,300-	23,229.77-	23,500-	270.23	1.2-	40,000-
3024	MONTHLY SERVICE FEES		369,368.72-	405,020-	2,830,477.45-	2,835,125-	4,647.55	.2-	4,860,200-
3027	GREASE WASTE		15,240.61-	17,000-	139,504.57-	119,000-	20,504.57-	17.2	200,000-
3035	INTERFUND TRANSFER		.00	0	400,000.00	800,000	400,000.00-	50.0-	1,150,000
3040	RENEWABLE ENERGY CREDITS		17,513.10-	0	38,738.70-	15,000-	23,738.70-	158.3	30,000-
3094	GRANTS AND INCENTIVES		.00	0	509,881.00-	0	509,881.00-	.0	0
=====									
DEPT 05	TOTALS		966,072.08-	1,021,076-	8,160,428.39-	7,079,706-	1,080,722.39-	15.3	11,079,650-
=====									
FUND	REVENUE TOTAL		966,072.08-	1,021,076-	8,160,428.39-	7,079,706-	1,080,722.39-	15.3	11,079,650-
=====									
DEPT 11	O & M EXPENSES - ADMINISTRATION								
SECT A	SALARIES AND WAGES								
A001	TRUSTEES		4,500.00	4,500	12,597.50	13,500	902.50-	6.7-	18,000
A002	BOLI		.00	225	.00	675	675.00-	100.0-	900
A003	GENERAL MANAGEMENT		34,826.93	33,470	171,015.64	178,520	7,504.36-	4.2-	290,100
A004	FINANCIAL RECORDS		27,386.28	31,750	143,943.32	169,350	25,406.68-	15.0-	275,200
A005	ADMINISTRATIVE RECORDS		5,016.81	3,610	26,500.47	19,260	7,240.47	37.6	31,300
A006	ENGINEERING		.00	140	278.29	740	461.71-	62.4-	1,200
A007	CODE ENFORCEMENT		40,194.01	38,600	215,065.37	205,850	9,215.37	4.5	334,500
A008	SAFETY ACTIVITIES		5,717.80	6,340	35,820.02	33,800	2,020.02	6.0	54,900
A030	BUILDING AND GROUNDS		550.03	990	1,218.04	5,290	4,071.96-	77.0-	8,600
=====									
SECT A	TOTALS		118,191.86	119,625	606,438.65	626,985	20,546.35-	3.3-	1,014,700
=====									
SECT B	OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY		.00	600	1,317.89	5,800	4,482.11-	77.3-	8,800
B101	NATURAL GAS		177.77	300	611.45	1,700	1,088.55-	64.0-	3,500
B102	WATER, GARBAGE AND OTHER UTILITIES		104.54	200	427.78	900	472.22-	52.5-	1,300
B110	BANK CHARGES		522.30	950	695.70	6,750	6,054.30-	89.7-	11,500
B112	COMMUNICATION		1,974.97	2,400	14,301.04	16,800	2,498.96-	14.9-	28,000
B113	EMERGENCY/SAFETY EQUIPMENT		576.02	1,700	10,306.28	13,200	2,893.72-	21.9-	21,700
B115	EQUIPMENT/EQUIPMENT REPAIR		7,879.24	23,750	57,573.75	178,250	120,676.25-	67.7-	297,000

TREASURER'S REPORT

DATE 12/05/24
 FUND 01 GENERAL FUND

MONTH ENDED 11/30/24

PAGE 2

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	BUDGET	VAR	TOTAL	
			CURRENT	CURRENT					ACTUAL
			MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE		
B116	SUPPLIES		304.56	600	3,479.33	4,700	1,220.67-	26.0-	7,500
B117	EMPLOYEE/DUTY COSTS		987.80	2,000	10,594.47	14,000	3,405.53-	24.3-	23,500
B118	BUILDING AND GROUNDS		1,210.14	5,000	10,885.58	35,000	24,114.42-	68.9-	56,200
B119	POSTAGE		2,035.40	600	5,079.85	6,200	1,120.15-	18.1-	9,200
B120	PRINTING/PHOTOGRAPHY		37.97	1,000	10,908.19	13,000	2,091.81-	16.1-	14,500
B121	USER BILLING MATERIALS		6,362.36	7,000	53,211.10	49,000	4,211.10	8.6	83,000
B124	CONTRACT SERVICES		27,972.39	29,000	123,015.77	204,000	80,984.23-	39.7-	348,800
B137	MEMBERSHIPS/SUBSCRIPTIONS		500.00	4,000	7,212.07	6,600	612.07	9.3	8,900
SECT B TOTALS			50,645.46	79,100	309,620.25	555,900	246,279.75-	44.3-	923,400
SECT C VEHICLES									
C222	GAS/FUEL		151.15	250	1,093.97	1,850	756.03-	40.9-	3,100
C225	OPERATION/REPAIR		63.48	650	2,565.18	2,050	515.18	25.1	2,700
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	28,000
SECT C TOTALS			214.63	900	3,659.15	3,900	240.85-	6.2-	33,800
DEPT 11 TOTALS			169,051.95	199,625	919,718.05	1,186,785	267,066.95-	22.5-	1,971,900
DEPT 12 O & M EXPENSES - WWTC									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		1,804.63	910	7,964.09	4,860	3,104.09	63.9	7,900
A009	OPERATIONS MANAGEMENT		14,591.08	14,120	68,657.88	75,320	6,662.12-	8.9-	122,400
A010	MAINTENANCE - BUDGET		.00	80,260	.00	428,050	64,192.78-	15.0-	695,600
A011	MAINTENANCE - WWTC		46,155.59	0	234,233.40	0	.00	.0	0
A012	MAINTENANCE - VEHICLES		.00	0	181.33	0	.00	.0	0
A013	MAINTENANCE - ENERGY RECOVERY		1,368.65	0	3,954.13	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL		18,018.82	0	125,488.36	0	.00	.0	0
A020	WWTC - BUDGET		.00	70,900	.00	378,150	16,539.21	4.4	614,500
A021	WWTC - OPERATIONS		52,075.85	0	277,191.95	0	.00	.0	0
A022	WWTC - SLUDGE HANDLING		21,370.21	0	115,629.57	0	.00	.0	0
A023	WWTC - ENERGY RECOVERY		72.44	0	1,867.69	0	.00	.0	0
A030	BUILDING AND GROUNDS		8,777.96	8,390	61,744.57	44,740	17,004.57	38.0	72,700
SECT A TOTALS			164,235.23	174,580	896,912.97	931,120	34,207.03-	3.7-	1,513,100
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		317.58	11,000	62,238.00	90,000	27,762.00-	30.9-	145,000
B101	NATURAL GAS		830.50	1,400	2,924.99	5,400	2,475.01-	45.8-	12,500
B102	WATER, GARBAGE AND OTHER UTILITIES		3,476.22	4,000	21,218.30	28,000	6,781.70-	24.2-	43,500
B103	ODOR CONTROL		.00	400	.00	2,800	2,800.00-	100.0-	4,000
B104	FUEL - GENERATORS		.00	3,500	.00	11,000	11,000.00-	100.0-	14,500
B112	COMMUNICATION		1,527.17	2,000	10,729.38	14,000	3,270.62-	23.4-	22,500
B113	EMERGENCY/SAFETY EQUIPMENT		2,804.51	3,000	11,941.50	23,200	11,258.50-	48.5-	38,200
B116	SUPPLIES		1,107.61	2,800	15,038.01	19,800	4,761.99-	24.1-	33,800
B117	EMPLOYEE/DUTY COSTS		1,822.49	3,000	12,929.64	21,000	8,070.36-	38.4-	34,500
B124	CONTRACT SERVICES		.00	0	204,234.00	204,300	66.00-	.0	204,300

TREASURER'S REPORT

DATE 12/05/24

MONTH ENDED 11/30/24

PAGE 3

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT					
			MONTH	MONTH	Y-T-D	Y-T-D			
B130	NPDES PERMIT FEES		.00	0	53,000.00	53,000	.00	.0	53,000
B131	SLUDGE HAULING/DISPOSAL SERVICES		.00	67,500	58,458.25	67,500	9,041.75-	13.4-	135,000
B400	CHEMICALS - BUDGET		.00	16,083	.00	166,083	74,596.76-	44.9-	246,500
B401	CHEMICALS - DISINFECTION		7,473.07	0	67,296.06	0	.00	.0	0
B402	CHEMICALS - SLUDGE DEWATERING		.00	0	14,569.43	0	.00	.0	0
B404	CHEMICALS - OTHER		.00	0	9,620.75	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS		2,636.73	3,000	218,742.14	261,000	42,257.86-	16.2-	275,400
B502	EQPT/EQPT REPAIR - DISINFECTION		.00	12,000	2,837.30	27,000	24,162.70-	89.5-	58,400
B503	EQPT/EQPT REPAIR - EXCESS FLOW		.00	5,000	4,217.92	35,200	30,982.08-	88.0-	60,400
B504	EQPT/EQPT REPAIR - GRIT REMOVAL		615.87	1,500	641.51	39,500	38,858.49-	98.4-	47,000
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING		9,842.73	6,000	23,002.63	48,400	25,397.37-	52.5-	78,400
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT		2,093.62	2,700	15,098.18	138,100	123,001.82-	89.1-	151,600
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT		.00	7,300	48,657.40	155,200	106,542.60-	68.7-	191,700
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION		35.91	600	13,835.91	18,200	4,364.09-	24.0-	20,700
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING		.00	2,500	7,773.16	17,500	9,726.84-	55.6-	30,000
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION		2,317.16	10,000	20,497.28	53,000	32,502.72-	61.3-	103,000
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT		23,628.70	3,000	30,609.02	115,900	85,290.98-	73.6-	128,900
B512	EQPT/EQPT REPAIR - WWTC GENERAL		1,597.10	5,000	34,248.03	35,000	751.97-	2.2-	55,200
B513	EQPT/EQPT REPAIR - WWTC UTILITIES		70,841.01	100,000	328,309.83	552,000	223,690.17-	40.5-	831,800
B801	BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS		.00	25	53.46	175	121.54-	69.5-	300
B802	BLDG AND GROUNDS - DISINFECTION		.00	700	8,729.45	5,100	3,629.45	71.2	8,600
B803	BLDG AND GROUNDS - EXCESS FLOW		.00	800	169.87	5,400	5,230.13-	96.9-	9,000
B804	BLDG AND GROUNDS - GRIT REMOVAL		.00	500	9,316.60	3,500	5,816.60	166.2	5,900
B805	BLDG AND GROUNDS - INFLUENT PUMPING		5,660.13	2,000	6,184.13	14,000	7,815.87-	55.8-	23,000
B807	BLDG AND GROUNDS - SECONDARY TREATMENT		.00	100	23.48	1,100	1,076.52-	97.9-	1,600
B809	BLDG AND GROUNDS - SLUDGE DEWATERING		362.69	600	726.82	4,700	3,973.18-	84.5-	7,700
B810	BLDG AND GROUNDS - SLUDGE DIGESTION		.00	600	9,886.44	4,200	5,686.44	135.4	6,800
B811	BLDG AND GROUNDS - TERTIARY TREATMENT		108.80	2,000	10,213.88	41,600	31,386.12-	75.5-	51,600
B812	BLDG AND GROUNDS - WWTC GENERAL		17,844.78	25,000	83,475.12	290,400	206,924.88-	71.3-	436,400
B813	BLDG AND GROUNDS - WWTC UTILITIES		.00	400	95.15	2,800	2,704.85-	96.6-	4,400
SECT B TOTALS			156,944.38	306,008	1,421,543.02	2,575,058	1,153,514.98-	44.8-	3,575,100
SECT C VEHICLES									
C222	GAS/FUEL		2,218.67	2,000	14,867.69	17,000	2,132.31-	12.5-	27,000
C225	OPERATION/REPAIR		250.77	500	3,881.73	4,500	618.27-	13.7-	7,000
C226	VEHICLE PURCHASES		.00	0	.00	99,800	99,800.00-	100.0-	104,800
SECT C TOTALS			2,469.44	2,500	18,749.42	121,300	102,550.58-	84.5-	138,800
DEPT 12 TOTALS			323,649.05	483,088	2,337,205.41	3,627,478	1,290,272.59-	35.6-	5,227,000
DEPT 13 O & M EXPENSES - LABORATORY									
SECT A SALARIES AND WAGES									
A009	OPERATIONS MANAGEMENT		10,984.56	8,420	62,000.65	44,920	17,080.65	38.0	73,000
A040	LABORATORY - BUDGET		.00	26,070	.00	139,040	24,999.91-	18.0-	225,900
A041	LAB - WWTC		18,011.21	0	97,996.38	0	.00	.0	0
A042	LAB - PRETREATMENT		1,509.66	0	8,841.86	0	.00	.0	0

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT		BUDGET	BUDGET		
			MONTH	MONTH	Y-T-D	Y-T-D			
A043	LAB - SURCHARGE PROGRAM		2,914.07	0	3,804.92	0	.00	.0	0
A045	LAB - SOLIDS		.00	0	113.87	0	.00	.0	0
A046	LAB - AMMONIA		.00	0	56.94	0	.00	.0	0
A047	LAB - MICRO		.00	0	265.12	0	.00	.0	0
A048	LAB - ENERGY RECOVERY		353.19	0	2,961.00	0	.00	.0	0
SECT A TOTALS			33,772.69	34,490	176,040.74	183,960	7,919.26-	4.3-	298,900
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		215.59	200	1,571.59	2,000	428.41-	21.4-	3,000
B114	CHEMICALS		5,089.31	2,300	13,450.81	16,200	2,749.19-	17.0-	27,700
B115	EQUIPMENT/EQUIPMENT REPAIR		2,641.68	4,000	9,991.29	32,000	22,008.71-	68.8-	52,000
B116	SUPPLIES		2,407.97	2,100	9,115.78	19,200	10,084.22-	52.5-	29,700
B117	EMPLOYEE/DUTY COSTS		943.05	500	2,456.83	5,500	3,043.17-	55.3-	8,000
B122	MONITORING EQUIPMENT		.00	2,400	1,635.40	7,300	5,664.60-	77.6-	9,700
B123	OUTSIDE LAB SERVICES		1,708.40	4,300	12,190.22	30,100	17,909.78-	59.5-	51,500
B124	CONTRACT SERVICES		.00	6,200	14,142.17	44,000	29,857.83-	67.9-	75,000
SECT B TOTALS			13,006.00	22,000	64,554.09	156,300	91,745.91-	58.7-	256,600
SECT C VEHICLES									
C222	GAS/FUEL		78.01	100	410.28	700	289.72-	41.4-	1,000
C225	OPERATION/REPAIR		14.95	0	37.88	500	462.12-	92.4-	1,000
SECT C TOTALS			92.96	100	448.16	1,200	751.84-	62.7-	2,000
DEPT 13 TOTALS			46,871.65	56,590	241,042.99	341,460	100,417.01-	29.4-	557,500
DEPT 14 O & M EXPENSES - SEWER SYSTEM									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		142.47	560	3,659.58	3,000	659.58	22.0	4,900
A050	SEWER MAINTENANCE - BUDGET		.00	34,800	.00	185,600	37,433.95	20.2	301,600
A051	SEWER MAINTENANCE		43,083.53	0	216,109.85	0	.00	.0	0
A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS		1,200.00	0	6,924.10	0	.00	.0	0
A060	INSPECTION - BUDGET		.00	27,210	.00	145,150	28,529.34-	19.7-	235,900
A061	INSPECTION - NEW CONSTRUCTION		.00	0	1,012.10	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS		.00	0	12,955.12	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS		.00	0	7,771.74	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS		.00	0	5,875.85	0	.00	.0	0
A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES		.00	0	11,757.20	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT		22,176.63	0	77,248.65	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET		.00	2,380	.00	12,680	10,097.20-	79.6-	20,600
A072	SEWER INVESTIGATIONS		.00	0	2,582.80	0	.00	.0	0
SECT A TOTALS			66,602.63	64,950	345,896.99	346,430	533.01-	.2-	563,000
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		686.80	800	5,046.99	5,600	553.01-	9.9-	9,500

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		CURRENT	CURRENT	MONTH	MONTH	BUDGET		
				Y-T-D	Y-T-D	VARIANCE	%	BUDGET
B113	EMERGENCY/SAFETY EQUIPMENT	651.10	250	950.87	1,750	799.13-	45.7-	3,000
B115	EQUIPMENT/EQUIPMENT REPAIR	374.46	3,000	54,623.82	64,000	9,376.18-	14.7-	74,500
B116	SUPPLIES	532.46	400	3,190.46	2,800	390.46	14.0	4,700
B117	EMPLOYEE/DUTY COSTS	1,759.82	1,800	8,159.57	12,600	4,440.43-	35.2-	21,500
B124	CONTRACT SERVICES	.00	15,000	.00	105,000	105,000.00-	100.0-	105,000
B127	JULIE SYSTEM	4,005.36	4,000	12,016.08	12,000	16.08	.1	16,400
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	.00	1,000	.00	10,000	10,000.00-	100.0-	15,000
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE	.00	1,000	350.00	7,000	6,650.00-	95.0-	12,000
B900	SEWER SYSTEM REPAIRS - BUDGET	.00	275,000	.00	1,680,100	873,123.15-	52.0-	3,055,100
B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	.00	0	184,676.40	0	.00	.0	0
B902	SEWER SYSTEM REPAIRS - REPLACEMENT	52,502.72	0	62,968.63	0	.00	.0	0
B903	SEWER SYSTEM REPAIRS - REHABILITATION	1,113.75	0	32,355.31	0	.00	.0	0
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	94,605.60	0	424,635.73	0	.00	.0	0
B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R	3,259.90	0	11,545.18	0	.00	.0	0
B929	ARRA LOAN PRINCIPAL REPAYMENT	.00	0	90,795.60	0	.00	.0	0
SECT B TOTALS		159,491.97	302,250	891,314.64	1,900,850	1,009,535.36-	53.1-	3,316,700
SECT C VEHICLES								
C222	GAS/FUEL	1,551.42	1,700	14,338.29	11,900	2,438.29	20.5	20,000
C225	OPERATION/REPAIR	115.26	1,200	1,241.98	9,000	7,758.02-	86.2-	15,000
C226	VEHICLE PURCHASES	43,468.02	0	43,468.02	48,500	5,031.98-	10.4-	114,500
SECT C TOTALS		45,134.70	2,900	59,048.29	69,400	10,351.71-	14.9-	149,500
DEPT 14 TOTALS		271,229.30	370,100	1,296,259.92	2,316,680	1,020,420.08-	44.1-	4,029,200
DEPT 15 O & M EXPENSES - LIFT STATIONS								
SECT A SALARIES AND WAGES								
A006	ENGINEERING	.00	560	661.06	3,000	2,338.94-	78.0-	4,900
A009	OPERATIONS MANAGEMENT	1,112.17	160	6,115.68	900	5,215.68	579.5	1,500
A030	BUILDING AND GROUNDS	24.18	270	830.76	1,470	639.24-	43.5-	2,400
A080	LIFT STATION MAINTENANCE	4,546.66	2,570	22,243.65	13,760	8,483.65	61.7	22,400
SECT A TOTALS		5,683.01	3,560	29,851.15	19,130	10,721.15	56.0	31,200
SECT B OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY	18,640.23	17,000	79,227.59	119,000	39,772.41-	33.4-	200,000
B104	FUEL - GENERATORS	.00	1,200	198.99	3,600	3,401.01-	94.5-	4,600
B112	COMMUNICATION	305.54	400	2,138.73	3,000	861.27-	28.7-	5,000
B113	EMERGENCY/SAFETY EQUIPMENT	.00	700	.00	2,200	2,200.00-	100.0-	2,200
B116	SUPPLIES	.00	100	172.74	300	127.26-	42.4-	400
B124	CONTRACT SERVICES	.00	0	.00	500	500.00-	100.0-	500
B520	EQPT/EQPT REPAIR - BUTTERFIELD	113.00	600	994.00	4,700	3,706.00-	78.9-	7,700
B521	EQPT/EQPT REPAIR - CENTEX	35.86	300	92.72	2,300	2,207.28-	96.0-	3,800
B522	EQPT/EQPT REPAIR - COLLEGE	113.00	300	3,327.00	18,800	15,473.00-	82.3-	20,200
B523	EQPT/EQPT REPAIR - EARLSTON	113.00	2,600	17,227.00	18,300	1,073.00-	5.9-	31,300
B524	EQPT/EQPT REPAIR - HOBSON	10,528.28	11,000	13,436.37	48,200	34,763.63-	72.1-	101,700

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		CURRENT	CURRENT	MONTH	MONTH	BUDGET		
				Y-T-D	Y-T-D	VARIANCE	%	BUDGET
B525	EQPT/EQPT REPAIR - LIBERTY PARK	113.00	100	359.18	2,700	2,340.82-	86.7-	4,200
B526	EQPT/EQPT REPAIR - NORTHWEST	113.00	100	575.35	6,400	5,824.65-	91.0-	8,600
B527	EQPT/EQPT REPAIR - VENARD	113.00	1,300	1,151.33	9,700	8,548.67-	88.1-	15,900
B528	EQPT/EQPT REPAIR - WROBLE	1,012.96	1,300	2,636.66	9,100	6,463.34-	71.0-	15,500
B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	25.94	5,200	940.30	36,400	35,459.70-	97.4-	62,700
B820	BLDG AND GROUNDS - BUTTERFIELD	191.06	0	1,147.92	0	1,147.92	.0	0
B821	BLDG AND GROUNDS - CENTEX	153.16	0	1,112.30	0	1,112.30	.0	0
B822	BLDG AND GROUNDS - COLLEGE	.00	0	.00	5,000	5,000.00-	100.0-	5,000
B823	BLDG AND GROUNDS - EARLSTON	185.51	0	1,104.47	20,800	19,695.53-	94.7-	20,800
B824	BLDG AND GROUNDS - HOBSON	213.31	0	1,807.42	57,800	55,992.58-	96.9-	57,800
B825	BLDG AND GROUNDS - LIBERTY PARK	207.76	0	3,306.32	0	3,306.32	.0	0
B826	BLDG AND GROUNDS - NORTHWEST	250.11	5,000	1,267.87	15,000	13,732.13-	91.6-	20,000
B827	BLDG AND GROUNDS - VENARD	200.01	0	927.52	0	927.52	.0	0
B828	BLDG AND GROUNDS - WROBLE	207.76	0	989.87	8,400	7,410.13-	88.2-	8,400
B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL	.00	3,000	101.44	21,300	21,198.56-	99.5-	31,300
SECT B TOTALS		32,835.49	50,200	134,243.09	413,500	279,256.91-	67.5-	627,600
DEPT 15 TOTALS		38,518.50	53,760	164,094.24	432,630	268,535.76-	62.1-	658,800
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS								
SECT E INSURANCE AND EMPLOYEE BENEFITS								
E452	LIABILITY/PROPERTY	.00	0	246,393.00	242,000	4,393.00	1.8	242,000
E455	EMPLOYEE GROUP HEALTH	44,077.91	49,000	317,076.28	343,000	25,923.72-	7.6-	587,500
E460	IMRF	11,452.04	21,340	100,887.15	121,250	20,362.85-	16.8-	194,000
E461	SOCIAL SECURITY	29,169.15	28,210	154,331.19	160,300	5,968.81-	3.7-	256,500
SECT E TOTALS		84,699.10	98,550	818,687.62	866,550	47,862.38-	5.5-	1,280,000
DEPT 17 TOTALS		84,699.10	98,550	818,687.62	866,550	47,862.38-	5.5-	1,280,000
DEPT 91 SA EXPENSE								
DEPT 91 TOTALS		.00	0	.00	0	.00	0	
FUND EXPENSE TOTAL		934,019.55	1,261,713	5,777,008.23	8,771,583	2,994,574.77-	34.1-	13,724,400
FUND 01 TOTALS		32,052.53-	240,637	2,383,420.16-	1,691,877	4,075,297.16-	240.9-	2,644,750

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT			
			MONTH	MONTH			BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		3,921.19-	1,300-	18,284.35-	9,100-	15,400-
3010	TRUNK SEWER SERVICE CHARGES		2,498.69-	7,500-	31,421.23-	52,500-	90,000-
3035	INTERFUND TRANSFER		.00	0	400,000.00-	400,000-	750,000-
=====							
DEPT 05	TOTALS		6,419.88-	8,800-	449,705.58-	461,600-	855,400-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	46,600	93,200
0515	PAYMENT ON LOAN PRINCIPAL		.00	0	46,595.53	0	0
=====							
DEPT 30	TOTALS		.00	0	46,595.53	46,600	93,200
=====							
DEPT 36	CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE						
=====							
DEPT 36	TOTALS		.00	0	.00	0	0
=====							
DEPT 41	CAPITAL EXP - BUTTERFIELD LIFT STATION UPGRADE						
=====							
DEPT 41	TOTALS		.00	0	.00	0	0
=====							
DEPT 42	CAPITAL EXP - COLLEGE LIFT STATION UPGRADE						
=====							
DEPT 42	TOTALS		.00	0	.00	0	0
=====							
DEPT 47	CAPITAL EXP - CENTEX LIFT STATION UPGRADE						
0506	CONSTRUCTION CONTRACTS AND PURCHASES		.00	0	133,649.80	0	0
=====							
DEPT 47	TOTALS		.00	0	133,649.80	0	0
=====							
DEPT 48	CAPITAL - VENARD LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	845,000	845,000
0502	DESIGN ENGINEERING/ARCHITECTURAL		.00	0	737.50	0	0
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		.00	0	9,146.29	0	0
0506	CONSTRUCTION CONTRACTS AND PURCHASES		.00	0	365,558.40	0	0
=====							
DEPT 48	TOTALS		.00	0	375,442.19	845,000	845,000
=====							
DEPT 49	CAPITAL EXP - WROBLE LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	0	26,000
0502	DESIGN ENGINEERING/ARCHITECTURAL		5,878.02	0	12,019.59	0	0
=====							
DEPT 49	TOTALS		5,878.02	0	12,019.59	0	26,000
=====							

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT MONTH	CURRENT MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 74	CAPITAL EXP - SEWER - UNSEWERED AREAS						
0500	PROJECT BUDGET		.00	0	.00	500	500
=====							
DEPT 74	TOTALS		.00	0	.00	500	500
=====							
FUND	EXPENSE TOTAL		5,878.02	0	567,707.11	892,100	964,700
=====							
FUND 02	TOTALS		541.86-	8,800-	118,001.53	430,500	109,300
=====							

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FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT			
			MONTH	MONTH			BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		6,894.71-	1,900-	36,316.18-	13,600-	23,100-
3009	SEWER PERMIT FEES		27,023.50-	20,800-	122,433.00-	146,000-	250,000-
3035	INTERFUND TRANSFER		.00	0	.00	400,000-	400,000-
=====							
DEPT 05	TOTALS		33,918.21-	22,700-	158,749.18-	559,600-	673,100-
=====							
DEPT 20	CAPITAL EXP - WWTC - GAS DETECTION/ALARMING						
0500	PROJECT BUDGET		.00	55,000	.00	256,000	444,000
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		1,212.93	0	5,657.56	0	0
0506	CONSTRUCTION CONTRACTS AND PURCHASES		700.00	0	700.00	0	0
=====							
DEPT 20	TOTALS		1,912.93	55,000	6,357.56	256,000	444,000
=====							
DEPT 21	CAPITAL EXP - WWTC - BIOSOLIDS IMPROVEMENTS						
0500	PROJECT BUDGET		.00	40,000	1,137.50	220,000	447,500
0501	REPORT ENGINEERING/ARCHITECTURAL		.00	0	5,190.35	0	0
=====							
DEPT 21	TOTALS		.00	40,000	6,327.85	220,000	447,500
=====							
DEPT 22	CAPITAL EXP - WWTC - DIGESTER GAS SAFETY EQUIP						
0500	PROJECT BUDGET		.00	0	.00	35,000	335,000
0506	CONSTRUCTION CONTRACTS AND PURCHASES		.00	0	2,391.87	0	0
=====							
DEPT 22	TOTALS		.00	0	2,391.87	35,000	335,000
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	14,450	28,900
0515	PAYMENT ON LOAN PRINCIPAL		.00	0	14,403.65	0	0
=====							
DEPT 30	TOTALS		.00	0	14,403.65	14,450	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
=====							

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FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	Y-T-D	Y-T-D	BUDGET
			MONTH	MONTH			
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						
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			1,912.93	95,000	29,480.93	525,450	1,255,400
FUND 03 TOTALS			32,005.28-	72,300	129,268.25-	34,150-	582,300

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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 12/05/24

MONTH ENDED 11/30/24

PAGE 12

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
=====							

Employee Functions

As a reminder we are having a luncheon at Brick House Tavern located at 1461 Butterfield Rd. in Downers Grove on Friday, December 6 from 11:30 am – 1:30 pm. Appetizers will be served to start and for lunch employees will be able to select from a range of items preselected for the event. Lunch will come with a salad, soft drink, and dessert will be included. Mark your calendars and we hope to see everyone there!

Annual Sexual Harassment Training

This year the District is utilizing Knowbe4 for the annual sexual harassment training. Supervisors have already received their notifications and employees will receive their notification by email in the first week of December to complete this training. We are looking into supplying headphones to plant staff so that they may utilize the shared computers to complete this training. This training is required in the state of Illinois.

Top Health

December's Top Health is enclosed.

Illinois Wastewater Surveillance System

The District continues to participate in the Illinois Wastewater Surveillance System. COVID, RSV and Influenza data from our wastewater treatment center can be found at <https://iwss.uillinois.edu/wastewater-treatment-plant/275/>.

Sewer Rehabilitation/Infiltration and Inflow Removal

We are targeting the 2C-025 area in downtown Downers Grove for private property inspections and I/I removal. Regular flow monitoring continues.

Status of Projects

1) Centex Lift Station Replacement

The contractor is working to finish the outstanding punchlist items.

2) Venard Force Main Replacement

Striping is expected to be completed soon.

3) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays and reporting.

4) WWTC Combustible Gas Detection and Alarm System

Most of the shop drawings have been reviewed and approved with corrections noted.

5) First Responder Radio Enhancement

The Fire Department has reviewed and accepted the work and the project is now complete.

6) 2024 Sewer Rehabilitation (Outfall, Powell, and Ogden CIPP)

The contractor needs to submit the post lining videos for District review.

7) SCADA PLC Replacement

As-built drawings have been received and approved. Concentric Integration has closed out the project.

8) 2024 Sanitary Sewer Televising

Sewertech has provided videos for the first half of the project. They are almost complete, and we expect to get the video for the second half by the end of the month.

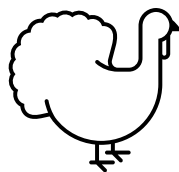
9) Facility Plan

B&W continues to work on the Facility Plan. We hope to schedule the condition assessment walkthrough for the WWTC in December.

10) Handrail Replacement

Kinsale has completed the removal of the railings. DGSD staff has begun installation of new railing and temporary guard rails will remain in place until railing installation is completed.

HAPPY THANKSGIVING TO YOU AND YOUR FAMILY!



GENERAL MANAGER'S REPORT TO EMPLOYEES

December 13, 2024

WWTC Operations Data – October

The DMR for September indicates that the final effluent averaged 1.42 mg/l CBOD, 0.40 mg/l suspended solids and 0.14 mg/l ammonia nitrogen over a daily average flow of 9.0 MGD.

Sewer Permits – October

There were 9 sewer permits issued in September – 6 single family, 1 commercial, and 2 disconnections.

Financial Data – October

In September, the District received \$966,072 in the General fund, including \$9,199 in property taxes, \$462,190 in user charges, \$54,104 in surcharges, and \$369,369 in monthly fees. General fund expenses totaled \$934,020. The Improvement fund had revenues of \$6,420 and expenses of \$5,878. The Construction fund had revenues of \$33,918 and expenses of \$1,913.

Personnel

Danny Jasso, our current Sewer System Inspector has accepted a promotion to Senior Sewer System Inspector. This is effective as of December 22, 2024. Congratulations Danny! Your dedication to the District is greatly appreciated!

Employee Functions and Gift Cards

Thank you to all that were able to attend the holiday lunch. We appreciate the feedback employees have shared and hope all of you enjoyed the venue, food, and company of your coworkers.

Please note, when a gift card is given to an employee it is a cash equivalent that must be reported to the IRS on your W-2 as part of your gross wages. This amount is subject to federal withholding, social security, Medicare, and state withholdings. These will be included as a noncash line item on your paycheck ending December 21, 2024. This will only be added to your gross wages and will not increase the cash amount of your paycheck. As a result, the District will be withholding the appropriate amount of additional taxes for the \$50 in accordance with an employee's withholding forms on file.

Paychecks

Paychecks for the pay period ending December 21, 2024 will be paid on Friday, December 27. This will be the last of the wages for 2024 for tax purposes. Please submit timesheets first thing Monday, December 23 as payroll must be processed by the end of day Monday to ensure timely deposit of the paychecks on Friday. If you are planning to take paid leave the week of December 22, please submit your timekeeping beforehand.

Annual Sexual Harassment Prevention Training

As a reminder, please be sure to complete the employee harassment prevention training through Knowbe4 by Friday, December 20. Headphones were provided to the WWTC staff to make it easier to complete this training using District computers. This training is required in the state of Illinois.

IPPPFA 457 Deferred Comp Plan

Our account representative from IPPFA reached out and asked if we wanted to schedule a time for him to visit the District and meet with any participants or employees interested in the 457 Deferred Compensation plan offered through IPPFA. If you are interested in participating in a group meeting with him, please let Carly Shaw know by Friday, December 20. She will schedule the meeting in the new year with the representative and communicate those details once established.

Illinois Wastewater Surveillance System

The District continues to participate in the Illinois Wastewater Surveillance System. COVID, RSV and Influenza data from our wastewater treatment center can be found at <https://iwss.uillinois.edu/wastewater-treatment-plant/275/>.

Sewer Rehabilitation/Infiltration and Inflow Removal

We are targeting the 2C-025 area in downtown Downers Grove for private property inspections and I/I removal. Regular flow monitoring continues.

Status of Projects

1) Centex Lift Station Replacement

The contractor is working to finish the outstanding punchlist items.

2) Venard Force Main Replacement

Striping will be completed in the spring, when the weather is warm enough.

3) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays and reporting.

4) WWTC Combustible Gas Detection and Alarm System

Most of the shop drawings have been reviewed and approved with corrections noted.

5) 2024 Sewer Rehabilitation (Outfall, Powell, and Ogden CIPP)

The grouting work will be completed in the spring, when the weather is warm enough.

6) 2024 Sanitary Sewer Televising

The work is complete.

7) Facility Plan

B&W continues to work on the Facility Plan. The condition assessment walkthrough for the WWTC will be scheduled in January. The lab has started special sampling which will provide additional information to B&W for calibration of the BioWin model of the WWTC.

10) Handrail Replacement

New railing installation has been completed at Aeration Tanks 8 & 9. DGSD staff will install the new railing on Intermediate Clarifiers 1 & 2 next.

HAPPY HOLIDAYS TO YOU AND YOUR FAMILY!



DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Wastewater Report, November 2024

For updates on your plant in-between these monthly reports, please visit our wastewater dashboard <https://iwss.uillinois.edu>

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.

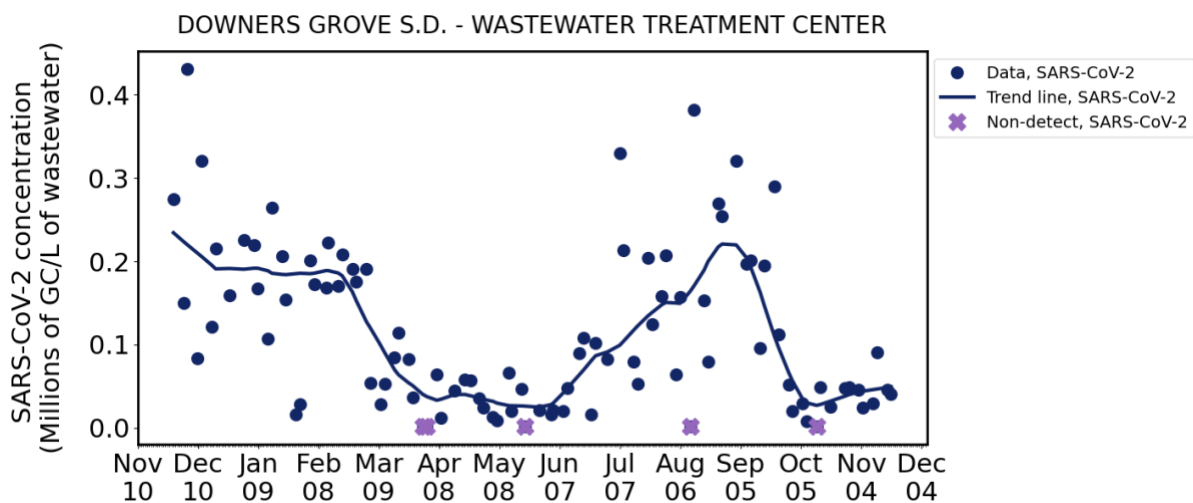


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)
2024-11-19	40,200

INFLUENZA A/B LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of influenza A and influenza B viruses in a sample. Results are reported in gene copies per liter of starting wastewater.

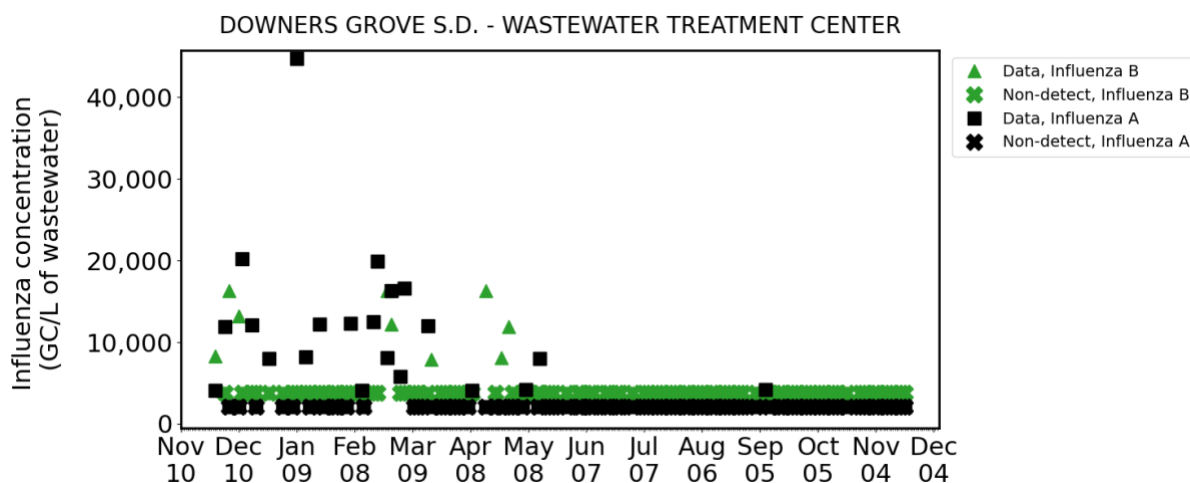


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2024-11-19	Non-detect	Non-detect
2024-11-17	Non-detect	Non-detect
2024-11-12	Non-detect	Non-detect
2024-11-10	Non-detect	Non-detect
2024-11-05	Non-detect	Non-detect
2024-11-03	Non-detect	Non-detect
2024-10-29	Non-detect	Non-detect
2024-10-27	Non-detect	Non-detect

RSV LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of Respiratory Syncytial Virus (RSV) in a sample. Results are reported in gene copies per liter of starting wastewater.

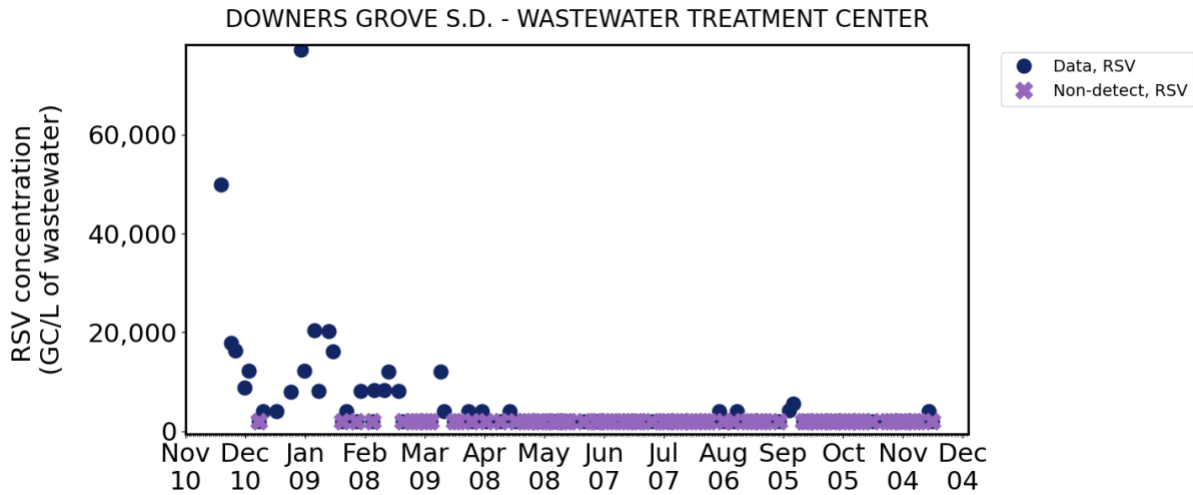


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2024-11-19	Non-detect
2024-11-17	4,125
2024-11-12	Non-detect
2024-11-10	Non-detect
2024-11-05	Non-detect
2024-11-03	Non-detect
2024-10-29	Non-detect
2024-10-27	Non-detect

Guide to Interpreting Data on SARS-CoV-2, Influenza, & Respiratory Syncytial Virus (RSV) 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 may vary from one person to another and from virus to virus, 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, influenza A & B, and RSV are then detected and quantified using a molecular biology tool called digital polymerase chain reaction (dPCR). During dPCR, a targeted segment of the RNA 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, influenza, or RSV 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 viral 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, influenza, or RSV genetic material in wastewater into a measure of how many people, or even what percentage of a community, have COVID-19, flu, or RSV, respectively. Variability between different wastewater sources, treatment facilities, and communities makes it difficult to translate the SARS-CoV-2, influenza, or RSV concentrations into a measure of how many people are infected in the community. However, an upward or downward trend in viral gene copies per liter of wastewater 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, influenza, or RSV concentrations 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.

Can I compare the gene copies of different pathogens to one another?

Because each pathogen is distinct, it is not appropriate to compare their viral gene copy numbers, even at the same site. Instead, trends in SARS-CoV-2, influenza, or RSV concentrations (increasing/decreasing) can be used to understand if cases or hospitalizations for each pathogen are likely to increase or decrease in the community.

Guide to Interpreting Data on SARS-CoV-2 Lineages in Wastewater Samples

What are lineages and how are they determined?

Wastewater is sequenced to determine the variants of SARS-CoV-2 virus present in a sample, a proxy for circulating variants in the community. Our sequencing strategy utilizes the entire genome of SARS-CoV-2 to identify mutations that are diagnostic of variants of the virus. Full genome coverage gives us better resolution for distinguishing variants, especially those very similar to each other. Variant names and lineage relationships are determined by the World Health Organization (WHO).

Variant: A genome that contains a particular set of mutations.

Mutation: A change in the genetic information introduced during viral replication.

Lineage: A collection of variants all related to each other based on analysis of the virus genomic sequence.

What is the sequencing plot showing me?

This plot is displaying the relative abundance, or proportion, of lineages found in a wastewater sample collected on a particular date. This plot was generated after comparing sample sequences to a SARS-CoV-2 reference genome and identifying characteristic mutations that are



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associated with different variants. We then calculate the percentage of each variant present in the sample. This plot summarizes the variant detections; lineages are displayed, as there are often many variants detected that are in the same lineage.

What do the results mean?

The SARS-CoV-2 variants identified in a particular plant's wastewater can provide insight into the variants circulating in the population that the plant serves. This information can be useful, as there tend to be fewer clinical sequences, and those might only reflect a small proportion of the community feeling sick enough to pursue testing. The wastewater samples passively capture the virus shed in wastewater from the community where the wastewater was collected, not just those who are symptomatic. Wastewater data is not interpreted in isolation but rather considered alongside other public health metrics.

Does the number or type of lineages tell us how many people are sick?

We cannot tell how many people are sick from the lineages observed in the wastewater. We can only see relative proportions of the variants that are present in the community served by the wastewater treatment plant. We do pay attention to specific mutations that have been identified as having clinical implications (e.g., for effectiveness of medications or disease severity).

Can I compare the lineages in a sample from site to site?

Yes. We often detect variants in a particular plant first, and then see the relative abundance change over time, with certain lineages becoming more prevalent across the state from plant to plant. We compare these detections to sequence data from across the United States and the world.

Why are the dates of the sequencing data not as current as the gene copies data?

Sequencing results are available about two weeks after sample collection. This is because the quantification of SARS-CoV-2 levels by dPCR happens first, and then genetic material (RNA) is sent for sequencing. Additionally, samples then take multiple days to run on the sequencer and computational processing of sequences takes additional time before results are available.

Why do the lineages in the legend change periodically?

The lineages shown in the sequencing plot of this report are in alignment with the CDC's national genomic surveillance system. As the SARS-CoV-2 virus mutates, new variants emerge. This means there are regularly new variants that contribute to the spread of COVID-19. Some variants will disappear while others will continue to spread and even replace others as the dominant variant. These monthly reports reflect those changes as we continue to monitor for emerging variants of concern.



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From: [Samiei, Layla](#)
To: [Amy Underwood](#)
Cc: [Stingley, Donna](#); [Johnson-Lane, Kori](#); [Sykes, Karen](#)
Subject: Final Closeout Letter: Downers Grove Sanitary District CG 00E03373
Date: Tuesday, December 10, 2024 9:41:38 AM

Dear Authorized Representative:

The Environmental Protection Agency (EPA) has received all required final reports and necessary forms to close-out the above-referenced award. Based upon administrative, programmatic and fiscal reviews, all documents have been deemed acceptable, the terms and conditions satisfied, and has been financially closed. Please note, any adjustments made by the recipient to the final Federal Financial Report during the approval process have been documented in Agency records.

This email constitutes the final section on this agreement and officially closes the award. However, the close-out of this award does not affect the right of EPA to disallow costs and recover funds based on a later audit or other reviews. Information regarding record retention, property disposition in accordance with EPA regulations, and other frequently asked questions can be accessed through <https://www.epa.gov/grants/frequent-questions-about-closeouts>.

If further assistance is required regarding this award, please contact the Grant Specialist or Project Officer, copied on this message.

Sincerely,

EPA Grants Office