

DOWNERS GROVE SANITARY DISTRICT
GENERAL MANAGER'S REPORT
June 14, 2024

June Board Meeting

Copies of documentation for the following agenda items are enclosed for the June 18, 2024, meeting:

- 1) Proposed Agenda
- 2) Minutes of the May 21, 2024, regular meeting
- 3) Change Order No. 2 – 2023 Trunk Sewer Rehabilitation: Curtiss St.
- 4) Claim Ordinance 1938
- 5) Memo regarding 2024 Painting Services Contract Award
- 6) Operations report on the Pretreatment and Surcharge

BOLI Meeting

There is no BOLI meeting this month.

Operations Reports

Copies of the following are enclosed for May 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 Collection System Maintenance activities.
- 5) Progress Report from Keith on Collection System Construction activities.
- 6) Progress Report from Reese on Laboratory activities.
- 7) Engineering Report

Infiltration/Inflow Removal Work

Reporting on the I/I removal work has been moved to the Collection System Maintenance Progress Report and will no longer appear in the General Manager's Report.

Safety

The Safety Committee met on May 21, 2024. They closed one Incident Report.

The old unstable temporary steps at the College Lift Station generator enclosure have now been replaced with a permanent staircase and handrail.

Employees from Operations and Maintenance attended a half-day training seminar hosted by Alexander Chemical titled "Chlorine, Sulfur Dioxide, Sodium Hypochlorite and Sodium Bisulfite

Safety and Handling.” This course provided CEUs for operators. New Maintenance Mechanic Marcus Hernandez completed his training to become a certified forklift operator and certified flagger. Safety Coordinator Jessie Gwozdz attended the 2-day NSC Safety Conference & Expo in Rosemont.

Financial

A copy of the Investment Schedule as of May 31, 2024, is enclosed.

The Treasurer’s Report for May 2024 covering the first month of FY 24-25 is included herein, along with a summary cover memo.

Meetings

I attended the following meetings since the May 17, 2024, General Manager’s report:

- May 21 attended CSWEA Local Arrangements Committee meeting
- May 22 attended meeting with IAWA Executive Committee/Legislative Chairs and MWRD on Polluter Pays PFAS Legislation
- May 30 attended Lacey Creek Stakeholder Meeting hosted by DuPage County
- May 31 attended IAWA Nutrient Subcommittee meeting
- June 7 attended IWSS monthly engagement meeting
- June 13 attended DRSCW Executive Board meeting in Lombard. Larry also attended.
- June 13 attended WEF Anaerobic Co-digestion publication meeting

Miscellaneous

I will be on vacation the week of June 24th.

Copies of the following items are enclosed:

- 1) May 2024 DGSD WWTC wastewater reports of SARS-CoV-2, influenza A & B and RSV levels
- 2) General Manager’s Report to the Employees dated May 31 and June 14
- 3) June 11 message from DRSCW President David Gorman

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

**DOWNERS GROVE SANITARY DISTRICT
BOARD OF TRUSTEES MEETING
JUNE 18, 2024 – 7:00 PM
BOARD ROOM**

PROPOSED AGENDA

- I. APPROVAL OF MINUTES
 - A. REGULAR MEETING – MAY 21, 2024

- II. APPROVAL OF CHANGE ORDER NO. 2 – 2023 TRUNK SEWER REHABILITATION: CURTISS ST

- III. APPROVAL OF CLAIM ORDINANCE NO. 1938

- IV. PUBLIC COMMENT

- V. OLD BUSINESS

- VI. NEW BUSINESS
 - A. CONTRACT AWARD – 2024 PAINTING SERVICES
 - B. OPERATIONS REPORT – SURCHARGE AND PRETREATMENT

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 June 18, 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, May 21, 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, Lab Supervisor Reese Berry, Information Coordinator Alyssa J. Caballero and Attorney Dan McCormick.

Minutes of Regular Meeting – April 16, 2024

A motion was made by Trustee Wang seconded by Trustee Eddington approving the minutes of the regular meeting held on April 16, 2024 and authorizing the President and Clerk to sign same. The motion carried.

Minutes of Special Meeting – May 7, 2024

A motion was made by Trustee Eddington seconded by Trustee Wang approving the minutes of the special meeting held on May 7, 2024 and authorizing the President and Clerk to sign same. The motion carried.

Claim Ordinance No. 1937

A motion was made by Trustee Wang seconded by Trustee Eddington adopting Claim Ordinance No. 1937 in the total amount of \$1,439,580.26 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

Elections and Appointments

The following elections and appointments were made: A motion was made by Trustee Wang seconded by Trustee Eddington nominating Amy E. Sejnost as President, closing the nominations for President and electing by unanimous consent Amy E. Sejnost as President. The motion carried. (Votes recorded: Ayes–Wang and Eddington.) A motion was made by Trustee Sejnost seconded by Trustee Eddington nominating Jeremy M. Wang as Vice President, closing the nominations for Vice President and electing by unanimous consent Jeremy M. Wang as Vice President. The motion carried. (Votes recorded: Ayes–Sejnost and Eddington.) A motion was made by Trustee Wang seconded by Trustee Sejnost nominating Mark Eddington as Clerk, closing the nominations for Clerk and electing by unanimous consent Mark Eddington as Clerk. The motion carried. (Votes recorded: Ayes–Sejnost and Wang.) A motion was made by Trustee Wang seconded by Trustee Eddington appointing Carly Shaw as Assistant Clerk. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.) A motion was made by Trustee Sejnost seconded by Trustee Wang appointing Amy R. Underwood as General Manager. The motion carried. (Votes recorded: Ayes–

Sejnost, Wang and Eddington.) A motion was made by Trustee Eddington seconded by Trustee Wang appointing Carly Shaw as Treasurer. The motion carried. (Votes recorded: Ayes–Sejnost, Wang, and Eddington.) A motion was made by Trustee Eddington seconded by Trustee Sejnost appointing Baxter and Woodman, Inc. as engineers for the District sewer system and Wastewater Treatment Center. The motion carried. (Votes recorded: Ayes–Sejnost and Eddington. Abstain–Wang.) A motion was made by Trustee Wang seconded by Trustee Eddington appointing Daniel McCormick, P.C. as attorney for the District. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.) A motion was made by Trustee Sejnost seconded by Trustee Wang appointing Kenneth J. Rathje, Robert T. Jungwirth and Mark J. Scacco as members of the Board of Local Improvements. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Renewal of BSSRAP Contract

General Manager Underwood presented a memo regarding proposed Amendment No. 2 to the Sanitary Service Repairs Agreement with Uno Construction Company, Inc. This contract was awarded in 2022 and allows for an annual extension of the contract for up to a total of five years upon the mutual written consent of the District and the contractor. The contract also provides for annual adjustments to the unit prices based upon the greater of 3.00% or 100.00% of the annual change in the CPI-U from the preceding calendar year. The contractor has requested the annual extension. The annual change in the CPI-U for this year is 3.33%. This year’s annual increase in the contractor’s unit prices will be 3.33% bringing the contract price for this work to \$1,588,943.73 for the period from July 1, 2024 through June 30, 2025. A motion by Trustee Eddington seconded by Trustee Wang was made approving Amendment No. 2 to the Sanitary Service Repairs Agreement with Uno Construction Company, Inc. and authorizing the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Contract Award - WWTC Gas Detection System

General Manager Underwood reviewed the bid opening on May 17 for the Wastewater Treatment System Gas Detection System project. Three bids were received for this project. Staff recommends that the District award the project to the lowest responsive, responsible bidder, Connelly Electric Co., in the amount of \$312,000. A motion was made by Trustee Eddington seconded by Trustee Wang awarding the contract for the Wastewater Treatment System Gas Detection System project to the lowest responsive, responsible bidder, Connelly Electric Co. in the amount of \$312,000 and authorizing the General Manager and Assistant Clerk to sign the same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Operations Report – Laboratory

Laboratory Supervisor Berry presented an operations report reviewing the laboratory. He reviewed NPDES permit limits, outfalls, lab activities, contract lab services and sampling programs.

Other New Business

Trustee Eddington congratulated General Manager Underwood for finishing her year serving as President of Central States Water Environment Association.

Trustee Wang thanked Laboratory Supervisor Berry for his operations report. He congratulated Sue Testin for her 5 years of service with the District and Alan Hartigan for his 15 years of service. He noted that the District operated at net-zero this month. He inquired about the summer clerical position. Trustee Wang noted the quote received for the first responder radio enhancement. Lastly, he asked about the time keeping system update and the progress of the accounting software replacement.

Trustee Sejnost congratulated Sue Testin for her 5 years of service with the District and Alan Hartigan for his 15 years of service. She thanked Amy, Todd, Marc, and Brandon for attending the CSWEA Annual Meeting. She noted the upcoming workshops on Team Effectiveness that all employees will be attending. She acknowledge the semi-annual report on the Curtiss Street trunk sewer rehab project. Trustee Sejnost noted the belt filter press building overhead door replacement and primary effluent channel railing installation, both noted in Maintenance Supervisor Whitefleet's report. She noted that CHP 1 and 2 have been operating well and that the District operated at net-zero this month. Lastly, she inquired about the status of Arrowgear's industrial use permit and noted that the grant payments were received from EPA for the Curtiss Street Lining project.

A motion was made by Trustee Eddington seconded by Trustee Wang to adjourn the regular meeting at 8:09 p.m. The motion carried.

Approved: June 18, 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

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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: June 14, 2024

Subject: Change Order No. 2 – 2023 Trunk Sewer Rehabilitation: Curtiss Street

Actual quantities for several of the work items varied from the quantities estimated on the bid form by the engineer. District staff recorded the actual quantities as the work was completed.

At the June 18 Board meeting, I will be requesting approval from the Board for Change Order No. 2 to the 2023 Trunk Sewer Rehabilitation: Curtiss Street agreement with Visu-Sewer of Illinois, LLC. for a net decrease in the contract price of \$35,316.00 and for the General Manager to sign same.

C: BOLI, CS, DM

CHANGE ORDER FORM

PROJECT: <u>2023 Curtiss Street Sanitary Rehabilitation</u>	DATE OF ISSUANCE: <u>June 14, 2024</u>
OWNER: <u>Downers Grove Sanitary District</u>	ENGINEER: <u>Baxter & Woodman, Inc.</u>
CONTRACTOR: <u>Visu-Sewer of Illinois, LLC</u>	ENGINEER's Project No. <u>0211126.60</u>

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

Description: Final Balancing Change Order for Quantity Changes throughout Construction

Purpose of Change Order: The purpose of this Change Order is to document and approve various quantity changes based on field measurements and conditions that led to a decrease in the total contract value.

Attachments: Final Invoice 10102

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$1,886,180.00

Previous Change Orders:
No. 0 to No. 1 \$-94,100.00

Current Contract Price: \$1,792,080.00

Net decrease of this Change Order: \$35,316.00

Contract Price with this Change Order: \$1,756,764.00

CHANGE IN CONTRACT TIME:

Original Contract Time:
Substantial Completion: June 1, 2024
Completion: July 1, 2024

Change from previous Change Orders:
N/A

Current Contract Time:
Substantial Completion: June 1, 2024
Completion: July 1, 2024

Net increase/decrease of this Change Order:
0 days

Contract Time with this Change Order:
Substantial Completion: June 1, 2024
Completion: July 1, 2024

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, Illinois.

PREPARED BY:

BAXTER & WOODMAN, INC.

APPROVED:

Downers Grove Sanitary District

ACCEPTED:

Visu-Sewer of Illinois, LLC

By



Reggie Jansen, P.E.
Construction Project Manager

By

Amy R. Underwood, P.E.
General Manager

By

David Alexander
Project Manager

RECOMMENDED BY:

By



Derek Wold, P.E.
Client Manager

Downers Grove, Illinois

Date: June 18, 2024

Claim Ordinance No. 1938

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 **\$1,002,799.79** being in words and figures as follows:

PAYROLL END DATE: 05.25.24
 PAYROLL PAID DATE: 05.31.24
 G/L DATE: 06.30.24

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		79293.41-
01-00.2000	FEDERAL TAX WITHHELD		12576.09-
01-00.2001	STATE TAX WITHHELD		5759.50-
01-00.2002	SOCIAL SECURITY WITHHELD		9410.13-
01-00.2003	IMRF WITHHELD		5494.08-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		5995.35-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		588.33-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		192.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1902.04-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		238.49-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		511.78-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		633.80-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		224.21-
01-11.A003	GENERAL MANAGEMENT	11495.78	
01-11.A004	FINANCIAL RECORDS	8916.48	
01-11.A005	ADMINISTRATIVE RECORDS	1421.71	
01-11.A007	CODE ENFORCEMENT	15284.27	
01-11.A008	SAFETY ACTIVITIES	1985.35	
01-12.A006	ENGINEERING	139.62	
01-12.A009	OPERATIONS MANAGEMENT	4772.18	
01-12.A011	MAINTENANCE - WWTC	14041.77	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	48.36	
01-12.A014	MAINTENANCE - ELECTRICAL	8403.90	
01-12.A021	WWTC - OPERATIONS	14805.57	
01-12.A022	WWTC - SLUDGE HANDLING	8534.06	
01-12.A023	WWTC - ENERGY RECOVERY	294.87	
01-12.A030	BUILDING AND GROUNDS	3975.24	
01-13.A009	OPERATIONS MANAGEMENT	4600.86	
01-13.A041	LAB - WWTC	5942.81	
01-13.A048	LAB - ENERGY RECOVERY	96.57	
01-14.A006	ENGINEERING	186.16	
01-14.A051	SEWER MAINTENANCE	11857.97	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	400.00	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	929.02	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	1480.50	
01-14.A064	INSPECTION - MISCELLANEOUS	1375.28	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	812.96	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2042.23	
01-14.A072	SEWER INVESTIGATIONS	291.83	
01-15.A006	ENGINEERING	47.49	
01-15.A009	OPERATIONS MANAGEMENT	701.15	
01-15.A030	BUILDING AND GROUNDS	72.53	
01-15.A080	LIFT STATION MAINTENANCE	600.00	
		125556.52	125556.52-

PAYROLL END DATE: 06.08.24
 PAYROLL PAID DATE: 06.14.24
 G/L DATE: 06.30.24

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		80229.88-
01-00.2000	FEDERAL TAX WITHHELD		12627.68-
01-00.2001	STATE TAX WITHHELD		5760.38-
01-00.2002	SOCIAL SECURITY WITHHELD		9508.12-
01-00.2003	IMRF WITHHELD		5564.40-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		6040.52-
01-00.2017	VOLUNTARY GROUP LIFE		224.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		588.33-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		192.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1902.04-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		238.49-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		491.92-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		472.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		224.21-
01-11.A003	GENERAL MANAGEMENT	9348.04	
01-11.A004	FINANCIAL RECORDS	9227.25	
01-11.A005	ADMINISTRATIVE RECORDS	732.40	
01-11.A007	CODE ENFORCEMENT	13209.66	
01-11.A008	SAFETY ACTIVITIES	1773.43	
01-12.A009	OPERATIONS MANAGEMENT	5608.12	
01-12.A011	MAINTENANCE - WWTC	15484.02	
01-12.A012	MAINTENANCE - VEHICLES	84.62	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	278.04	
01-12.A014	MAINTENANCE - ELECTRICAL	8532.05	
01-12.A021	WWTC - OPERATIONS	16114.39	
01-12.A022	WWTC - SLUDGE HANDLING	6667.89	
01-12.A023	WWTC - ENERGY RECOVERY	314.29	
01-12.A030	BUILDING AND GROUNDS	4433.40	
01-13.A009	OPERATIONS MANAGEMENT	2981.94	
01-13.A041	LAB - WWTC	6501.52	
01-13.A042	LAB - PRETREATMENT	861.60	
01-13.A045	LAB - SOLIDS	113.87	
01-13.A046	LAB - AMMONIA	56.94	
01-13.A047	LAB - MICRO	113.87	
01-13.A048	LAB - ENERGY RECOVERY	337.02	
01-14.A006	ENGINEERING	949.80	
01-14.A051	SEWER MAINTENANCE	12323.72	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	400.00	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	2246.72	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	1044.10	
01-14.A064	INSPECTION - MISCELLANEOUS	433.42	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	2688.57	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2544.46	
01-15.A006	ENGINEERING	94.98	
01-15.A009	OPERATIONS MANAGEMENT	507.73	
01-15.A030	BUILDING AND GROUNDS	96.71	
01-15.A080	LIFT STATION MAINTENANCE	696.71	
		126801.28	126801.28-

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
A-FORMULA MECHANICAL CORP	A000065	05/03/24	44816	01-12.B812	LAB GEOTHERMAL REPAIR	8537.64			
		06/04/24	44860	01-12.B805	RAW SEW GEOTHERMAL REPAIR	135.00	8672.64	105799	
ACCURATE OFFICE SUPPLY	A000093	06/05/24	616444	01-11.B116	OFFICE SUPPLIES	68.89	68.89	064862	
ACE HARDWARE	A000095	06/10/24	227210	01-12.B512	MSB SUPPLIES	25.98			
		05/31/24	337279	01-12.B116	FOIL WRAP	21.77			
		05/31/24	337279	01-12.B512	HOOK ROPE	31.88	79.63	064863	
ACI Payments Inc.	A000096	05/16/24	1000115757	01-11.B110	OLR FEES	28.70	28.70	105800	
ALEXANDER CHEMICAL CORPORATION	A000200	05/10/24	81143	01-12.B401	SODIUM HYPOCHLORITE	7639.89	7639.89	105801	
ALLEGRA MARKETING PRINT MAIL	A000251	03/11/24	41111	01-11.B120	#10 REG ENVELOPES	300.58	300.58	064896	
Amazon Business	A000296	05/31/24	11G7TK9XY9KH	01-12.B513	CHP 1&2 AIR FILTERS	201.94			
		05/21/24	11PQ37PDXK1N	01-12.B501	TRUCK TAIL LIGHT	50.95			
		06/09/24	11WXWXM1V6R1	01-11.B115	MAINTENANCE PRINTER	429.99			
		05/27/24	13LM3JNW63HH	01-11.B116	MECH PENCILS/AIR SPRAY	40.47			
		05/21/24	1C9R9NNJ1N17	01-12.B501	CREDIT	50.95-			
		06/01/24	1CKCQ9K9CLVT	01-11.B115	MOUSE PAD/KEYBOARD	126.70			
		06/04/24	1CTGRGM41PRF	01-11.B113	BS HELMET RPLC PARTS	34.69			
		05/25/24	1F76X337F3XH	01-12.B117	MR OUTERWEAR	51.44			
		05/18/24	1FHNNT4R7JXL	01-11.B116	PACKING TAPE/NOTARY BOOKS	45.89			
		06/10/24	1GQ3PVPQ4FGM	01-13.B116	PAPER TOWELS	45.98			
		05/30/24	1K6YFRCJNFWK	01-12.B116	SLUDGE JUDGE SAMPLER	217.91			
		05/27/24	1N3JH3JN66WC	01-11.B116	OFFICE SUPPLIES	103.48			
		05/18/24	1PFHHPH4QCWGJ	01-11.B116	OFFICE SUPPLIES	43.99			
		06/09/24	1QHPTWVLVQMH	01-12.B112	CP PHONE CASE	8.88			
		06/09/24	1QHPTWVLVQMH	01-12.B113	FACE SHIELD	58.76			
		06/09/24	1QHPTWVLVQMH	01-12.B116	TONER	31.99			
		05/27/24	1QYFVV116JR9	01-11.B116	OFFICE SUPPLIES	38.58			
		05/16/24	1RW7YRP4TYP7	01-12.B501	TRUCK TAIL LIGHT	55.08			
		06/11/24	1VNTW63MFVQL	01-13.B116	KLEENEX TISSUES	29.00			
		04/28/24	1W6DHWHDGXQN	01-11.B117	MOUSE PAD/ELBOW&WRIST PAD	49.18			
		06/09/24	1WJG7634T1LJ	01-11.B115	ADMIN COOLER RPLC PARTS	32.89			
		05/22/24	1XN9WJTFPCXF	01-14.B115	ETHERNET ADAPTER	26.58			
		05/29/24	1Y39PJPLJQTR	01-12.B513	CHP1&2 SUPPLIES	266.43	1939.85	105802	
AMERICAN NATIONAL SKYLINE	A000320	05/30/24	347353	01-11.B118	OFFICE WINDOW CLEANING	65.00	65.00	105803	
ATLAS FIRST ACCESS, LLC	A000523	05/31/24	FA4683	01-12.B117	MH FORKLIFT TRAINING	125.00	125.00	105804	
AUTOZONE - AZ COMMERCIAL	A000600	05/31/24	2576585209	01-12.B513	SILICONE	25.91	25.91	064864	
BAXTER & WOODMAN, INC.	B000120	05/17/24	0259166	01-11.B124	FLOW MONITORING	71.55			
		05/17/24	0259170	01-14.B902	OUTFALL SEWER SAG CS	540.00			
		05/17/24	0259176	01-12.B513	WWTC PLC UPGRADES PHASE 3	732.50			
		05/17/24	0259188	01-11.B124	2024 MISC ENG SERVICES	780.00			
		05/17/24	0259191	01-14.B903	OUTFALL CIPP	503.75	2627.80	105805	
BOX INC.	B000315	05/22/24	11883999	01-11.B115	LICENSE RENEWAL	3300.00	3300.00	105806	
BradyIFS	B000319	05/16/24	8876987	01-12.B116	SANITIZING WIPES	100.16			
		05/16/24	8876988	01-12.B116	MSB SUPPLIES	326.77	426.93	105807	
BREUER METAL CRAFTSMEN INC.	B000330	04/17/24	14700	01-12.B510	DIG 4/5 ROOF RAILING	7000.00	7000.00	064865	
BRUCKER COMPANY	B000400	06/10/24	222389	01-12.B507	ABS BLOWER FILTERS	907.40	907.40	105808	
CHEM-WISE ECOLOGICAL	C000190	06/06/24	1255295	01-11.B118	TRI-ANNUAL SERVICE	305.00	305.00	105809	

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
CHICAGO COMMUNICATIONS	C000227	06/10/24	125169	01-12.B513	WWTC RADIO ENHNCMNT PRJ	49667.23	49667.23	064866	
CINTAS #344	C000300	05/21/24	413294859	01-12.B117	WWTC UNIFORMS	155.39			
		05/21/24	413294859	01-14.B117	SS UNIFORMS	40.84			
		05/29/24	4194113811	01-12.B117	WWTC UNIFORMS	151.25			
		05/29/24	4194113811	01-14.B117	SS UNIFORMS	40.84			
		06/04/24	4194758113	01-12.B117	WWTC UNIFORMS	101.21			
		06/04/24	4194758113	01-14.B117	SS UNIFORMS	40.84			
		06/11/24	4195479350	01-12.B117	WWTC UNIFORMS	124.29			
		06/11/24	4195479350	01-14.B117	SS UNIFORMS	40.84	695.50	064867	
CLOUDEMELLOW	C000333	06/01/24	242280	01-11.B115	MONTHLY WEB HOSTING	95.00	95.00	064897	
CLOVERLEAF TOOL CO	C000335	05/13/24	526555	01-14.B115	RODDER REPAIR	1604.55	1604.55	105810	
COLLEY ELEVATOR CO.	C000370	06/01/24	259921	01-12.B113	ELEVATOR INSPECTION	817.00	817.00	105811	
COMCAST	C000373	06/03/24	877120120105	01-11.B112	INTERNET BACK UP	144.85	144.85	064868	
Comcast	C000375	06/01/24	708762970	01-11.B112	INTERNET SERVICE	830.21	830.21	064869	
COMED	C000380	05/16/24	0464955000	01-15.B100	COLLEGE LS ELECTRIC	732.84			
		05/16/24	0771764000	01-15.B100	LIBERTY PARK LS ELECTRIC	631.58			
		05/16/24	1557021222	01-15.B100	EARLSTON LS ELECTRIC	495.48			
		05/22/24	2125907000	01-15.B100	CENTEX LS ELECTRIC	206.74			
		05/16/24	2334423333	01-15.B100	NORTH WEST LS ELECTRIC	1867.18			
		05/30/24	2764819000	01-12.B100	BIG TOP ELECTRIC	54.53			
		05/16/24	3843274000	01-15.B100	HOSBON LS ELECTRIC	4795.26			
		05/16/24	46751322222	01-15.B100	WROBLE LS ELECTRIC	1203.09			
		05/23/24	6828085000	01-15.B100	VENARD LS ELECTRIC	755.53			
		05/30/24	8159307000	01-12.B100	WALNUT HSE ELECTRIC	36.17			
		05/30/24	8159307000	01-14.B910	BSSRAP PROGRAM	198.29			
		05/16/24	9286103000	01-15.B100	BUTTERFIELD LS ELECTRIC	228.98	11205.67	064870	
CONCENTRIC INTEGRATION, LLC	C000410	05/17/24	02591752	01-12.B513	SCADA SFTWRE PLTFRM RPLC	3080.00			
		05/17/24	0259182	01-11.B115	2023-2024 T&M SUPP SVCS	975.00			
		05/17/24	0259182	01-12.B513	2023-2024 T&M SUPP SVCS	210.00	4265.00	105812	
CONSERV FS	C000418	05/09/24	6431908	01-12.B812	GRASS SEED	24.00	24.00	064871	
CORE & MAIN LP	C000485	04/25/24	U764868	01-14.B913	MANHOLE FRAMES/COVERS	1055.60	1055.60	064872	
COVERALL NORTH AMERICA, INC	C000557	06/01/24	1010729844	01-11.B118	ADMIN CTR CLEANING	489.00	489.00	105813	
CURTIS MARTIN GROUP, INC.	C000660	06/10/24	8992	01-11.B115	SEWER BILL PROGRAMMING	240.00	240.00	105814	
DANIEL MCCORMICK, P. C.	D000035	05/29/24	13	01-11.B124	LEGAL SERVICES	780.00	780.00	064873	
DELTA SONIC	D000220	05/24/24	0015918	01-12.C225	WWTC CAR WASHES	8.33			
		05/24/24	0015918	01-13.C225	LAB CAR WASHES	8.33			
		05/24/24	0015918	01-14.C225	SS CAR WASHES	8.33	24.99	064874	
VILLAGE OF DOWNERS GROVE	D000480	05/17/24	14435	01-11.B121	WATER SHUT OFF FEES	364.53	364.53	064875	
DUPAGE RIVER/SALT CREEK	D000680	06/10/24	595	01-12.B124	MEMBER DUES/PROJ ASSESS	204234.00	204234.00	105815	
EJ USA, INC.	E000040	05/22/24	110240034013	01-14.B913	MANHOLE COVERS AND FRAMES	3249.30	3249.30	064876	
EXODUS TECHNOLOGY SERVICE	E000480	05/31/24	24134	01-11.B124	APRIL IT SERVICES	4583.75			
		06/01/24	24135	01-11.B124	MAY IT SERVICES	6412.50	10996.25	064877	
EYE MED VISION CARE	E000600	06/01/24	166316755	01-17.E455	VISION INSURANCE	441.53	441.53	064878	
FERGUSON ENTERPRISES #1550	F000090	05/24/24	8348731	01-12.B511	MICROSTRN DIG GAS PIPE	864.29	864.29	105816	
FIRST ADVANTAGE	F000130	05/31/24	2501112405	01-12.B117	DRUG TEST ADMIN FEE	9.79	9.79	105817	
FirstComm	F000136	06/06/24	126743463	01-11.B112	ADMIN CTR PHONES	222.47			

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
		06/06/24	126743463	01-12.B112	PLANT PHONES	331.96			
		06/06/24	126743463	01-13.B112	LAB PHONES	62.42			
		06/06/24	126743463	01-14.B112	SS PHONES	174.57	791.42	064898	
FIRST ENVIRONMENTAL LAB	F000140	05/23/24	183416	01-13.B123	APRIL 2024 NPDES MONTHLY	117.60			
		05/29/24	183532	01-13.B123	MAY 2024 BIO/NUTRNT/METAL	322.80	440.40	105818	
GEORGE'S LANDSCAPING	G000260	06/01/24	MAY 2024	01-11.B118	ADMIN CTR MOWING/CLEARING	580.80			
		06/01/24	MAY 2024	01-12.B812	WWTC MOWING/CLEARING	3797.05			
		06/01/24	MAY 2024	01-15.B820	BUTTERFIELD LS MOWING	191.45			
		06/01/24	MAY 2024	01-15.B821	CENTEX LS MOWING	191.45			
		06/01/24	MAY 2024	01-15.B823	EARLSTON LS MOWING	191.45			
		06/01/24	MAY 2024	01-15.B824	HOBSON LS MOWING	191.45			
		06/01/24	MAY 2024	01-15.B825	LIB PARK LS MOWING	191.45			
		06/01/24	MAY 2024	01-15.B826	NORTHWEST LS MOWING	191.45			
		06/01/24	MAY 2024	01-15.B827	VENARD LS MOWING	191.45			
		06/01/24	MAY 2024	01-15.B828	WROBLE LS MOWING	191.45	5909.45	105819	
W. W. GRAINGER, INC.	G000520	05/14/24	9118158493	01-12.B512	MAINTENANCE SUPPLIES	151.73			
		05/15/24	9119300409	01-12.B116	HANDHELD FLASHLIGHT	54.92			
		05/17/24	9122066658	01-15.B524	HOBSON PUMP GASKET	40.97			
		05/31/24	9123984602	01-11.B118	ADMIN CTR A/C FITTING	35.72			
		05/21/24	9126384065	01-11.B118	AIR FILTERS	79.17			
		05/22/24	9127476381	01-12.B512	SUMP PIT TETHER FLOAT	119.42			
		05/22/24	9127955301	01-11.B118	CREDIT	79.17-			
		05/22/24	9128348456	01-11.B118	ADMIN AIR FILTER	57.20			
		05/24/24	9130756517	01-12.B510	DIG 1&2 MANOMETER GAUGE	23.98			
		05/28/24	9131482912	01-13.B114	TRYPTIC SOY BROTH BOTTLE	67.49			
		05/29/24	9134162669	01-12.B116	CONDENSER CLEANER	78.12			
		05/31/24	91363223632	01-12.B512	MAINT ELECTRICAL SUPPLIES	21.92			
		06/05/24	9140931099	01-12.B116	JUMBO DEBRIS PAN	35.04			
		06/05/24	9141430273	01-12.B116	REPLACEMENT FIRE HOSE	135.96			
		06/05/24	9141430281	01-13.B115	LAB MOP/HANDLE/SCRUBBER	61.42			
		06/05/24	9141430281	01-13.B116	LAB SUPPLIES	238.64			
		06/05/24	9141430299	01-13.B116	PETRI DISHES	487.65			
		06/06/24	9142394833	01-12.B512	MAINTENANCE SUPPLIES	143.67			
		06/06/24	9142728600	01-12.B811	CREDIT	44.47-			
		06/10/24	9145924305	01-12.B116	FIRE HOSE NOZZLE	89.66			
		06/10/24	9146216800	01-12.B512	MR TOOL REPLACEMENT	15.72	1814.76	105820	
JESSICA GWOZDZ	G000630	05/28/24	REIMBURSE	01-11.B117	2024 SPRING NSC CONF	83.00	83.00	105821	
HOME DEPOT	H000400	06/04/24	1012644	01-14.B115	MEASURING WHEEL	64.97			
		06/04/24	1012644	01-14.B116	DETERGENT	32.47			
		06/04/24	1012687	01-12.B511	FLTR 4 DRN VLV RPLC PARTS	100.87			
		06/04/24	1342819	01-12.B802	BLDG LOW TEMP ALARMS	49.94			
		05/14/24	2022551	01-12.B512	TOOL REPLACEMENT	43.94			
		06/03/24	2024347	01-14.B116	GRADE STAKES	12.98			
		05/13/24	3044302	01-12.B512	HYDRAULIC SPREADER CART	99.98			
		05/13/24	3342672	01-12.B511	FLTR 4 RAIL CAP RPLC PART	64.87			
		05/22/24	4621533	01-12.B511	FLTR 4 CARRIAGE DRV PARTS	6.48			

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		05/31/24	5040564	01-11.B118	ADMIN A/C RPR SUPPLIES	26.46			
		05/31/24	5040602	01-11.B118	ADM CTR A/C RPR SUPPLIES	26.46			
		06/10/24	5041152	01-12.B512	RF TOOL REPLACEMENT	13.67			
		05/20/24	6025745	01-12.B510	GREASE PIT RAKES	113.94			
		05/20/24	6085566	01-12.B512	MR TOOL REPLACEMENT	55.94			
		05/29/24	7012349	01-12.B113	3M GOGGLES	70.74			
		05/29/24	7026473	01-12.B512	MAINTENANCE SUPPLIES	153.43			
		05/29/24	7040394	01-12.B404	MEDIA CHANGE SUPPLIES	18.93			
		05/10/24	H1942213136	01-12.B512	TOOL REPLACEMENT	54.13			
		05/10/24	H1942213139	01-12.B512	MAINTENANCE SUPPLIES	2.76	1012.96		064879
ICE QUBE, INC	I000027	05/30/24	120952	01-12.B513	GAS CLEANER A/C UNIT	3854.61	3854.61		064880
ILLINOIS PUBLIC RISK FUND	I000351	05/23/24	92963	01-17.E452	AUDITED W/C INS/ADJUST	8430.00	8430.00		105858
INFOSEND, INC.	I000415	05/31/24	263228	01-11.B121	MAILING SERVICES	5702.08	5702.08		105822
JSN Contractors Supply	J000027	05/17/24	87068	01-14.B115	MARKING PAINT	403.20	403.20		064881
JOHNSTONE SUPPLY	J000140	05/20/24	S10163145500	01-11.B118	LOBBY THERMOSTAT GUARD	43.16	43.16		105823
KANSAS CITY LIFE INSURANCE CO	K000045	06/01/24	1629162	01-17.E455	LIFE INSURANCE	437.50	437.50		105824
LAI, LTD	L000012	05/31/24	2460626	01-12.B505	COMPACT 1 CONVEYOR SCREW	7012.56			
		05/20/24	2461050	01-12.B512	SLUDGE BED 9 VALVE	1835.74			
		05/31/24	2461125	01-12.B502	HYPO MIX PMP RPR PARTS	2063.33	10911.63		105825
LAUTERBACH & AMEN, LLP	L000070	05/25/24	91330	01-11.B124	GASB 74/75 DRAFT REP	950.00	950.00		105826
LOU'S GLOVES	L000300	06/11/24	056461	01-12.B113	NITRILE GLOVES	256.00	256.00		105827
MARC MAJEWSKI	M000110	05/15/24	REIMBURSE	01-12.B117	CONFERENCE LUNCH	24.00	24.00		105828
MCMASTER-CARR SUPPLY COMPANY	M000360	06/05/24	28160339	01-12.B116	FLOOR SQUEEGEE	171.80			
		06/07/24	28318037	01-12.B511	MICROSTRAIN GAS PIPE SUPP	35.93	207.73		105829
METAL SUPERMARKETS	M000470	05/10/24	1036979	01-12.B512	OUTFALL SUMP PIT TUBING	360.96	360.96		064882
METROPOLITAN INDUSTRIES, INC.	M000500	05/09/24	061960	01-12.B510	DIG 4&5 BLDG SUMP PUMP	1493.00	1493.00		105830
MICRO CENTER	M000550	06/05/24	6402622	01-12.B116	MSB SUPPLIES	87.98	87.98		105831
MIDAMERICAN ENERGY SERVICES, LLM	000554	05/29/24	462554	01-12.B100	PLANT ELECTRIC	3.30	3.30		105832
MIDAMERICA ADMINISTRATIVE	M000556	05/30/24	0256745	01-17.E455	HRA FUNDING ADMIN FEES	186.00	186.00		105833
MID AMERICAN WATER	M000558	05/23/24	232886A	01-14.B910	BSSRAP SUPPLIES	234.90	234.90		064899
NCPERS GROUP LIFE INSURANCE	N000010	06/01/24	3266072024	01-00.2017	VOL LIFE INSURANCE	240.00	240.00		105834
NICOR GAS	N000330	05/14/24	15876210004	01-12.B101	PLANT GAS	203.80			
		05/14/24	44976210003	01-12.B101	PLANT 2 GAS	74.27			
		05/14/24	51006900008	01-12.B101	CHEM FEED GAS	52.70			
		05/14/24	54976210002	01-11.B101	ADMIN CTR GAS	85.75			
		05/14/24	87801017812	01-12.B100	WALNUT HSE GAS	44.97	461.49		064883
NISSEN ENERGY INC	N000350	01/30/24	371	01-12.B513	CREDIT	2389.80-			
		05/31/24	408	01-12.B513	CHP1&2 OIL	4847.00			
		06/12/24	410	01-12.B513	CHP1 OIL BREATHER ASSMBLY	640.00	3097.20		105835
PACKEY WEBB FORD	P000020	05/28/24	C58896	01-12.C225	KEY FOB REPLACEMENT	255.19	255.19		105836
PETTY CASH	P000350	06/11/24	CASH BOX	01-11.B113	SAFETY MEETING SNACK	10.13			
		06/11/24	CASH BOX	01-11.B116	EMPL LUNCHEON SUPPLIES	97.02			
		06/11/24	CASH BOX	01-11.B119	POSTAGE	11.90			
		06/11/24	CASH BOX	01-13.B116	ICE FOR LAB	11.17	130.22		064884
PHENOVA	P000360	05/21/24	205353	01-13.B114	LAB SUPPLIES	879.20	879.20		105837
POLYDYNE INC.	P000395	05/31/24	1838114	01-12.B402	BELT PRESS POLYMER	3074.04	3074.04		105838

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PORTABLE JOHN, INC	P000410	05/22/24	285548	01-12.B812	PORTABLE JOHN	173.89	173.89	105839	
PORTER PIPE AND SUPPLY CO.	P000420	06/06/24	1280446600	01-12.B511	GAS PIPING SUPPLIES	85.59	85.59	105840	
PREMIUM CUSTOM PRODUCTS	P000641	05/14/24	9321	01-11.B117	EMPLOYEE T-SHIRTS	31.50			
		05/14/24	9321	01-12.B117	EMPLOYEE T-SHIRTS	53.25			
		05/14/24	9321	01-13.B117	EMPLOYEE T-SHIRTS	126.00			
		05/14/24	9321	01-14.B117	EMPLOYEE T-SHIRTS	35.50	246.25	064900	
PRINCIPAL LIFE INSURANCE CO	P000650	06/01/24	109309910001	01-17.E455	DENTAL INSURANCE	3059.33	3059.33	105841	
QUADIENT LEASING	Q000250	05/23/24	Q1346115	01-11.B115	POSTAGE MACHINE RENTAL	641.04	641.04	105842	
RAPTOR TECH INC.	R000105	05/17/24	13181	01-12.B501	AUGER SHELF SPINDLE RPLC	1409.16	1409.16	105843	
Republic Services #551	R000264	05/15/24	055101593732	01-12.B102	RECYCLING	1136.04	1136.04	064885	
ROWELL CHEMICAL CORPORATION	R000400	05/30/24	1406915	01-12.B401	SODIUM HYPOCHLORITE	6808.11	6808.11	105844	
S. Schroeder Trucking, Inc.	S000059	05/15/24	19452	01-12.B509	SAND FOR DRYING BEDS	1202.97	1202.97	064901	
CARLY SHAW	S000305	05/23/24	REIMBURSE 1	01-11.B117	SUPS LUNCH	136.44			
		05/22/24	REIMBURSE 2	01-11.B118	FLOWERS FOR ADMIN CTR	119.45			
		06/04/24	REIMBURSE 3	01-11.B117	LUNCHEON SUPPLIES	37.43			
		06/04/24	REIMBURSE 3	01-12.B117	LUNCHEON SUPPLIES	37.43			
		06/04/24	REIMBURSE 3	01-13.B117	LUNCHEON SUPPLIES	37.42			
		06/04/24	REIMBURSE 3	01-14.B117	LUNCHEON SUPPLIES	37.42			
SHERWIN-WILLIAMS CO.	S000320	05/23/24	04941	01-12.B812	OFFICE HALL CEILING PAINT	138.34			
		06/11/24	14288	01-12.B802	DOOR RPLC PAINT	103.34			
		06/11/24	14288	01-12.B804	DOOR RPLC PAINT	51.67			
		06/11/24	14288	01-12.B810	DOOR RPLC PAINT	103.34			
		06/11/24	14288	01-12.B811	DOOR RPLC PAINT	51.66	448.35	105846	
SPRING GREEN LAWN CARE	S000550	05/14/24	9135933	01-11.B118	ADMIN CTR LAWN TREATMENT	69.10			
		05/14/24	9136308	01-15.B825	LIB PRK LS LAWN TREATMENT	54.60			
		05/14/24	9136312	01-15.B828	WROBLE LS LAWN TREATMENT	54.60			
		05/14/24	9136320	01-15.B826	NW LS LAWN TREATMENT	96.95			
		05/14/24	9136322	01-15.B824	HOBSON LS LAWN TREATMENT	60.15			
		05/14/24	9136331	01-15.B527	VENARD LS LAWN TREATMENT	46.85			
		05/14/24	9136333	01-12.B812	WWTC LAWN TREATMENT	1012.60			
		04/24/24	9150420	01-15.B820	BUTTERFLD LS LAWN TREAT	37.90	1432.75	064886	
STAPLES INC.	S000640	05/22/24	6003573994	01-11.B116	TOWELS/TOILET PAPER	142.28	142.28	105847	
STEPHENS PLUMBING AND	S000680	05/29/24	271827	01-14.B910	SHEAR REPAIR	553.00	553.00	064887	
STEVENSON CRANE SERVICE, INC.	S000720	05/31/24	292286	01-12.B404	CRANE FOR MEDIA CHANGE	795.00	795.00	105848	
SUBURBAN DOOR CHECK & LOCK	S000850	05/29/24	570306	01-14.B116	KEYS	13.50	13.50	105849	
SUBURBAN LIFE PUBLICATIONS	S000867	05/31/24	10071278	01-11.B124	LEGAL PUBLICATION	192.30	192.30	064888	
TELCO BILL CENTER	T000155	06/01/24	3749	01-12.B112	ELEVATOR PHONE SERVICE	39.78	39.78	105850	
TERRACE SUPPLY COMPANY	T000250	05/31/24	0001059082	01-12.B116	CYLINDER RENTAL	47.69			
		05/21/24	0071042676	01-12.B511	FLTR 4 RAIL CAP RPLC	41.60			
		05/28/24	0071043206	01-12.B404	CYLINDER RETURN	70.20	159.49	105851	
USABLUEBOOK	U000150	01/19/24	00251302	01-13.B116	NITRILE GLOVES	650.92			
		06/11/24	00390313	01-13.B116	LAB SUPPLIES	94.13	745.05	064889	
UNISON SOLUTIONS, INC.	U000192	06/07/24	202410044	01-12.B513	FLOAT DRAIN	665.73	665.73	105852	
UNITED PARCEL SERVICE	U000300	04/20/24	0003Y0091164	01-12.B116	SHIPPING SERVICE	38.14			
		05/18/24	0003Y0091204	01-13.B116	LAB SHIPPING SERVICE	65.01	103.15	064890	

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UNO CONSTRUCTION CO., INC.	U000450	06/01/24	MAY 2024	01-14.B910	BSSRAP PROGRAM	56452.62	56452.62	105853	
VWR INTERNATIONAL INC.	V000030	05/21/24	8816122460	01-13.B114	LAB CHEMICALS	398.84			
		06/06/24	8816256520	01-13.B114	LAB CHEMICALS	264.40			
		06/06/24	8816260533	01-13.B115	LABMAT	89.04	752.28	064891	
VERIZON WIRELESS	V000135	06/01/24	542042956001	01-11.B112	ADMIN CELL PHONES	215.00			
		06/01/24	542042956001	01-12.B112	PLANT CELL PHONES	923.13			
		06/01/24	542042956001	01-13.B112	LAB CELL PHONES	155.61			
		06/01/24	542042956001	01-14.B112	SS CELL PHONES	484.35			
		06/01/24	542042956002	01-12.B112	PLANT TABLETS	165.45			
		06/01/24	542042956002	01-14.B112	SS TABLETS	30.06			
		06/01/24	542042956002	01-15.B112	LS TABLETS	36.01			
		05/28/24	785846626000	01-12.B112	RAIN GAUGE	66.70			
		05/28/24	785846626000	01-15.B112	LS REMOTE COMS	269.52	2345.83	064892	
VISU-SEWER OF ILLINOIS, LLC	V000200	05/13/24	10102	01-14.B901	CURTISS ST SEWER LINING	184676.40	184676.40	064893	
WAGNER COMMUNICATIONS, INC	W000070	06/01/24	000033024511	01-11.B112	ANSWERING SERVICE	555.18	555.18	105854	
WASTE MANAGEMENT SERVICES, INC.	W000170	06/05/24	002633820093	01-12.B102	RECYCLING/GARBAGE	558.87	558.87	105859	
WESTFAX	W000350	06/01/24	1456687	01-11.B112	FAXING SERVICE	8.99	8.99	105855	
WEST SIDE TRACTOR SALES CO.	W000380	06/04/24	138130	01-12.B501	DOZER RENTAL	1980.00	1980.00	064894	
VILLAGE OF WESTMONT	W000450	05/24/24	1313	01-11.B121	METER READINGS	370.01	370.01	064895	
						=====	=====		
					Total Payments:	645741.42	645741.42		
					ACH Payments Total:	355705.96	.00		
					Check Payments Total:	290035.46	645741.42		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CHASE	B000050	05/31/24	EMPLPR052524	01-00.2000	FEDERAL TAX WITHHELD	12576.09		
		05/31/24	EMPLPR052524	01-00.2002	EMPL SOC SEC TAX	9410.13		
		05/31/24	EMPLPR052524	01-17.E461	EMPLR SOC SEC TAX	9410.16	31396.38	105788
CHASE	B000050	06/17/24	EMPLPR060824	01-00.2000	FEDERAL TAX WITHHELD	12627.68		
		06/17/24	EMPLPR060824	01-00.2002	EMPL SOC SEC WITHHELD	9508.12		
		06/17/24	EMPLPR060824	01-17.E461	EMPLR SOC SEC WITHHELD	9508.14	31643.94	105795
PATRICK BLANEY	B000255	05/23/24	REFUND	01-05.3001	BILLING REIMBURSEMENT	740.50	740.50	064858
COZZI CORNER	C000445	06/04/24	EMPL LUNCH	01-11.B117	EMPL LUNCH CATERING	825.75	825.75	064861
D.G. SANIT DIST #XXXXXXXXX1117	D000400	06/18/24	REIMBURSE	01-00.1001	PAYROLL ACCT REIMBURSE	159526.29	159526.29	105792
D.G. SANIT DIST #XXXXXXXXX1114	D000420	06/18/24	REFUNDS	01-05.3001	REFUNDS	2925.52	2925.52	105798
D.G. SANIT DIST #XXXXXXXXX1112	D000440	06/11/24	REIMBURSE	01-11.B120	EMBROIDERY	80.00		
		06/11/24	REIMBURSE	01-11.B137	MEMBERSHIP RENEWAL	60.00		
		06/11/24	REIMBURSE	01-12.B116	MSB SUPPLIES	93.54		
		06/11/24	REIMBURSE	01-14.B910	RODDING FEE REFUND	532.37	765.91	105793
DUPAGE CREDIT UNION	D000650	05/31/24	EMPLPR052524	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	105787
DUPAGE CREDIT UNION	D000650	06/14/24	EMPLPR060824	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	105794
HEALTH CARE SERVICE CORP.	H000190	05/29/24	165585	01-17.E455	HEALTH INSURANCE	49475.63	49475.63	105784
HOME DEPOT	H000400	06/04/24	MULTIPLE	01-12.B512	BATTERIES/CREDIT	108.13		
		06/04/24	MULTIPLE	01-14.B117	AH OUTERWEAR	99.00	207.13	064859
ILLINOIS DEPARTMENT OF REVENUE	I000240	05/31/24	EMPLPR052524	01-00.2001	STATE TAX WITHHELD	5759.50	5759.50	105778
ILLINOIS DEPARTMENT OF REVENUE	I000240	06/17/24	EMPLPR060824	01-00.2001	STATE TAX WITHHELD	5760.38	5760.38	105796
ILLINOIS MUNICIPAL	I000300	05/31/24	632145L3Y6	01-00.2003	EMPL PENSION DEPOSIT	16702.00		
		05/31/24	632145L3Y6	01-00.2014	EMPL VOL PENSION DEPOSIT	18013.55		
		05/31/24	632145L3Y6	01-17.E460	EMPLR VOL PENSION DEPOSIT	20933.23	55648.78	105791
MIDAMERICA ADMIN HRA ACCOUNT	M000557	05/31/24	HRA FUNDING	01-17.E455	HRA FUNDING	600.00	600.00	105786
RENTALMAX ADMINISTRATION	R000250	02/15/24	6321455	01-12.B506	EQUIPMENT RENTAL	58.24	58.24	064857
TRANSAMERICA RETIREMENT	T000415	05/31/24	EMPLPR052524	01-00.2026	DEF COMP IPPFA	511.78		
		05/31/24	EMPLPR052524	01-00.2027	DEF COMP IPPFA ROTH	633.80		
		05/31/24	EMPLPR052524	01-00.2028	DEF COMP OPPFA LOAN REPAY	224.21	1369.79	105790
TRANSAMERICA RETIREMENT	T000415	06/17/24	EMPLPR060824	01-00.2026	DEF COMP IPPFA	491.92		
		06/17/24	EMPLPR060824	01-00.2027	DEF COMP ROTH IPPFA	472.00		
		06/17/24	EMPLPR060824	01-00.2028	DEF COMP LOAN REPAY IPPFA	224.21	1188.13	105797
						=====	=====	
					Total Payments:	353365.87	353365.87	
					ACH Payments Total:	351534.25	.00	
					Check Payments Total:	1831.62	353365.87	

===== VENDOR =====			===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
BAXTER & WOODMAN, INC.	B000120	05/17/24	0259178	02-48.0502	VENARD FM REPLACEMENT	737.50	737.50	105856	
						=====	=====		
					Total Payments:	737.50	737.50		
					ACH Payments Total:	737.50	.00		
					Check Payments Total:	.00	737.50		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	B000120	05/17/24	0259185	03-21.0501	BIOSOLIDS STUDY	2955.00	2955.00	105857
						=====	=====	
					Total Payments:	2955.00	2955.00	
					ACH Payments Total:	2955.00	.00	
					Check Payments Total:	.00	2955.00	

DATE _____

REVIEWED _____

TRUSTEE APPROVAL _____

PRESIDENT

CLERK

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		999107.29-
01-00.1001	CASH - PAYROLL ACCOUNT	159526.29	
01-00.2000	FEDERAL TAX WITHHELD	25203.77	
01-00.2001	STATE TAX WITHHELD	11519.88	
01-00.2002	SOCIAL SECURITY WITHHELD	18918.25	
01-00.2003	IMRF WITHHELD	16702.00	
01-00.2013	CREDIT UNION WITHHELD	5474.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	18013.55	
01-00.2017	VOLUNTARY GROUP LIFE	240.00	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	1003.70	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	1105.80	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	448.42	
01-05.3001	USER RECEIPTS	3666.02	
01-11.B101	NATURAL GAS	85.75	
01-11.B110	BANK CHARGES	28.70	
01-11.B112	COMMUNICATION	1976.70	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	44.82	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	5840.62	
01-11.B116	SUPPLIES	580.60	
01-11.B117	EMPLOYEE/DUTY COSTS	1163.30	
01-11.B118	BUILDING AND GROUNDS	1817.35	
01-11.B119	POSTAGE	11.90	
01-11.B120	PRINTING/PHOTOGRAPHY	380.58	
01-11.B121	USER BILLING MATERIALS	6436.62	
01-11.B124	CONTRACT SERVICES	13770.10	
01-11.B137	MEMBERSHIPS/SUBSCRIPTIONS	60.00	
01-12.B100	ELECTRICITY	138.97	
01-12.B101	NATURAL GAS	330.77	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	1694.91	
01-12.B112	COMMUNICATION	1535.90	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	1202.50	
01-12.B116	SUPPLIES	1531.45	
01-12.B117	EMPLOYEE/DUTY COSTS	833.05	
01-12.B124	CONTRACT SERVICES	204234.00	
01-12.B401	CHEMICALS - DISINFECTION	14448.00	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	3074.04	
01-12.B404	CHEMICALS - OTHER	884.13	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	3444.24	
01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	2063.33	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	7012.56	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	58.24	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	907.40	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	1202.97	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	8630.92	
01-12.B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	1199.63	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	3239.00	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	61801.55	
01-12.B802	BLDG AND GROUNDS - DISINFECTION	153.28	
01-12.B804	BLDG AND GROUNDS - GRIT REMOVAL	51.67	
01-12.B805	BLDG AND GROUNDS - INFLUENT PUMPING	135.00	
01-12.B810	BLDG AND GROUNDS - SLUDGE DIGESTION	103.34	
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	7.19	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	13683.52	
01-12.C225	OPERATION/REPAIR	263.52	
01-13.B112	COMMUNICATION	218.03	
01-13.B114	CHEMICALS	1609.93	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	150.46	
01-13.B116	SUPPLIES	1622.50	
01-13.B117	EMPLOYEE/DUTY COSTS	163.42	
01-13.B123	OUTSIDE LAB SERVICES	440.40	
01-13.C225	OPERATION/REPAIR	8.33	
01-14.B112	COMMUNICATION	688.98	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	2099.30	
01-14.B116	SUPPLIES	58.95	
01-14.B117	EMPLOYEE/DUTY COSTS	531.28	
01-14.B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	184676.40	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	540.00	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	503.75	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	57971.18	
01-14.B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH	4304.90	
01-14.C225	OPERATION/REPAIR	8.33	
01-15.B100	ELECTRICITY	10916.68	
01-15.B112	COMMUNICATION	305.53	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	40.97	
01-15.B527	EQPT/EQPT REPAIR - VENARD	46.85	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	229.35	
01-15.B821	BLDG AND GROUNDS - CENTEX	191.45	
01-15.B823	BLDG AND GROUNDS - EARLSTON	191.45	
01-15.B824	BLDG AND GROUNDS - HOBSON	251.60	
01-15.B825	BLDG AND GROUNDS - LIBERTY PARK	246.05	
01-15.B826	BLDG AND GROUNDS - NORTHWEST	288.40	
01-15.B827	BLDG AND GROUNDS - VENARD	191.45	
01-15.B828	BLDG AND GROUNDS - WROBLE	246.05	
01-17.E452	LIABILITY/PROPERTY	8430.00	
01-17.E455	EMPLOYEE GROUP HEALTH	54199.99	
01-17.E460	IMRF	20933.23	
01-17.E461	SOCIAL SECURITY	18918.30	
02-00.1000	CASH		737.50-
02-48.0502	DESIGN ENGINEERING/ARCHITECTURAL	737.50	
03-00.1000	CASH		2955.00-
03-21.0501	REPORT ENGINEERING/ARCHITECTURAL	2955.00	
		=====	
		1002799.79	1002799.79-

Date: 06.11.24
Due Date: 06.18.24
Invoice #: Reimburse

Petty Cash Checking Reimbursement

D-440

Date	Purchased From	Description	Code	Amount	Ck No.
05.07.24	Costco	MSB Supplies	12B116	93.54	3917
05.17.24	Holy Cow	Embroidery	11B120	80.00	3918
05.23.24	Costco	Membership Renewal	11B137	60.00	3919
05.23.24	G. Swanson/A. Ponticiello	Rodding Fee Refund	14B910	532.37	3920

Total Receipts/Reimbursement 765.91

Expense by code

12B116	93.54
11B120	80.00
11B137	60.00
14B910	532.37
TOTAL	765.91

Date: 06.11.24

Petty Cash Reimbursement

P - 350

Due Date: 06.18.24

Invoice #: Cash Box

Date	Purchased From	Reimbursed To	Description	Code	Amount
05.14.24	Walmart	Jessie	Safety Meeting Snack	11B113	10.13
05.24.24	USPS	Megan	Postage	11B119	11.90
05.29.24	Dollar Tree	Michelle	Containers for Empl Luncheon	11B116	5.13
06.04.24	Dollar Tree	Michelle	Table Covers	11B116	29.70
06.04.24	BP	Michelle	Ice for Luncheon	11B116	12.19
06.05.24	Cozzi Corner	Michelle	Tip for driver - set up Luncheon	11B116	50
06.11.24	7-Eleven	Reese	Ice for Lab	13B116	11.17
				Total Receipts	130.22

Expense by code

11B116	97.02
11B119	11.90
11B113	10.13
13B116	11.17
TOTAL:	130.22

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, P.E.

Legal Counsel
Daniel McCormick, P.C.

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees

From : Amy Underwood, General Manager

Date: June 14, 2024

Subject: 2024 Painting Services Contract Award

The District budgeted \$151,000 for professional painting services in FY 24-25. Work includes protective coatings on Secondary Clarifier 8 and Intermediate Clarifier 2 as well as painting the generator and the interior of the drywell at the Hobson Lift Station.

Bids were opened for the 2024 Painting Services project on June 12, 2024. We received five bids for the project. All bidders were pre-qualified in accordance with the District's Prequalification Policy. The bid tabulation is attached for your information. G.P. Maintenance of Palos Hills, Illinois was the lowest bidder with a bid of \$138,000.

G.P. Maintenance has previously performed work satisfactorily for the District.

At the June 18 Board meeting, I will request the Board award the 2024 Painting Services project to the lowest responsible and responsive bidder, G.P. Maintenance Services, Inc., in the amount of \$138,000 and for the General Manager and Assistant Clerk to sign the same.

C: BOLI, CS, DM

Downers Grove Sanitary District
 2024 Painting Services
 Bid Tabulation

<u>No.</u>	<u>Item</u>	<u>DGSD Budget</u>	Dynamic Industrial Services, Inc. <u>Crete, IL</u>	G.P. Maintenance Services, Inc <u>Palos Park, IL</u>	Capital Industrial Coatings, LLC <u>Hammond, IN</u>	LeCuyer Painting & Decorating <u>Sandwich, IL</u>	Tecorp, Inc. <u>Joliet, IL</u>
1	Secondary Clarifier #8	\$56,000.00	\$69,000.00	\$58,000.00	\$69,952.00	\$180,000.00	\$105,000.00
2	Intermediate Clarifier #2	\$48,000.00	\$85,000.00	\$50,000.00	\$87,274.00	\$215,000.00	\$115,000.00
3	Hobson Lift Station	\$47,000.00	\$24,000.00	\$30,000.00	\$57,886.00	\$95,000.00	\$55,000.00
Total (as Written on Bid)		\$151,000.00	\$178,000.00	\$138,000.00	\$215,112.00	\$490,000.00	\$375,000.00
Total (w/Math Corrected)		\$151,000.00	\$178,000.00	\$138,000.00	\$215,112.00	\$490,000.00	\$275,000.00

Downers Grove Sanitary District Surcharge and Pretreatment

**Reese Berry, Laboratory Supervisor /
Pretreatment Coordinator**

June 18, 2024

Surcharge Program

- Surcharge Customers:
 - 5 Regions: 196 Total Surcharge Customers
 - 127 Sample Locations
 - 69 Flat Rate, can't sample.
 - Users with a biochemical oxygen demand (BOD) of >200 mg/l and total suspended solids (TSS) of >250 mg/l
 - Customer requested resample = \$400
 - If customer isn't scheduled for sampling that year.
 - Sampling S.O.P.
 - 3 Composite samples / customer / week for TSS/BOD
 - 3 pH samples and 1 FOG sample / customer / week
 - 4-6 sample locations per week
 - Excel Spreadsheet – data entry
 - Spreadsheet uses analytical data to calculate the surcharge for billing purposes.
 - 2023 total cost: \$14,998.86

Surcharge Calculation

■ Example Surcharge Calculation

Sample Date	BOD (mg/L)	TSS (mg/L)
07/30/2018	840	430
07/31/2018	520	175
08/01/2018	1030	1022
08/09/2022	121	106
08/10/2022	346	413
08/11/2022	260	221
Average	520	395

- Actual data from a restaurant
- Monthly usage: 50,000 gallons
- CY 2023 Surcharge Collected: \$406,898.14

BOD Surcharge = $\$0.38/\text{lb BOD} * (520 \text{ mg/L} - 200 \text{ mg/L}) * 50,000 \text{ gallons} * 8.34 \times 10^{-6} = \50.71

TSS Surcharge = $\$0.48/\text{lb TSS} * (395 \text{ mg/L} - 250 \text{ mg/L}) * 50,000 \text{ gallons} * 8.34 \times 10^{-6} = \29.02

Total Monthly Surcharge = $\$50.71 + \$29.02 = \$79.73$ (or $\$1.59/1,000$ gallons)

■ Flat Rate Surcharge Customer

- Do not have sampling manhole
- Surcharge calculated using 1,225 mg/L BOD and 636 mg/L TSS

Sampling Equipment



Industrial Pretreatment

■ History

- Program approved in 1985
- Revisions approved in 1997 and 2008
- 2017 USEPA Desk Audit
- 2023 USEPA PCI at DGSD
- Why?
 - CWA 1972 -regulates pollutant discharges into waterways of United States.
 - Pretreatment – ensure Industrial/Commercial facilities do not discharge pollutants that pass through POTWs untreated or interfere with POTW treatment process.
 - Build relationships with IUs, so they come to you when changes occur.
- Pretreatment Ordinance
 - Outlines prohibited discharges, regulations, permitting process, reporting requirements and enforcement procedures/penalties.
 - SIU, CIU, IU, Zero Discharger
 - SIU: 25,000gpd of process flow, 5% or more of dry weather hydraulic or organic capacity, reasonable potential to adversely affect POTW, OR subject to National Categorical Stds.

Illegal Dumping Example



Industrial Pretreatment

■ Program Details

■ Discharge Permits: 5

- 1 SIU/CIU, 1 Zero Discharge (CIU), 1 SIU/CIU permitted but hasn't discharged, 1 SIU/CIU in permitting process, 1 IU.
- Permittee Self Monitoring Report: semi-annually
- DGSD Sampling: semi-annually
- Annual Inspections
- Industrial Waste Survey (IWS): Annually
- Prohibited Materials Discharge Report (PMDR): Annually
- Program Cost: \$78,646.18

Industrial Pretreatment

■ Requirements

■ Annual Pretreatment Report to USEPA

- Semi-annual data collection: Effluent, Influent, Biosolids
- Including data from 110 Organic Priority Pollutants testing
- SIU: Significant Industrial User information
- Program details/achievements
- Major changes made to program through calendar year

■ Periodic Compliance Audits by IEPA or USEPA

■ Annual Biosolids Report to USEPA / IEPA

- Quarterly/Semi-Annual Reports to IEPA

Industrial Pretreatment

- Budget Year 2024-2025
 - Updating Pretreatment Ordinance
 - B&W review and update to ensure our ordinance has specific language USEPA discussed with us during PCI.
 - Zero Discharge designation
 - Enforcement Response Plan
 - General Ordinance language
 - Permitting Zero Discharge List
 - Currently PMDR (Prohibited Materials Discharge Report) Program
 - Evaluating Breweries
 - General IU permit creating basic parameters to ensure compliance
 - Large Food Manufacturers

Thank you
Any Questions?



DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Amy R. Underwood
General Manager

FROM: Carly Shaw
Administrative Supervisor

DATE: June 11, 2024

RE: Administrative Services Progress Report – May 2024

ADMINISTRATIVE

Personnel

Interviews are complete for the summer clerical position. An offer is being sent to the candidate we felt was most qualified and that had the best availability to complete the tasks during the limited timeframe.

An employee luncheon was held on Wednesday, June 5. We extended the lunch period to allow time for employees to participate in games and a raffle. Prizes included gift cards to local food places, water bottles, reusable grocery bags, and a vacation day.

Team Effectiveness Training with Dr. Lew Bender was held in May for Supervisors. Employees will have the same training in June. This training focuses on communication and expectations of fellow team members. The Supervisors had only positive feedback and learned new ways of communicating with each other and with staff. I believe employees will benefit in a similar way from this training.

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

The new timekeeping software continues to move forward with configuration. Kazys was able to get the single sign on set up for everyone. The timeclocks have been received and tested by a few employees to ensure they work. We have had a couple of meeting cancellations which has delayed the go live date but we are still making good progress and believe we should be able to go live late June or early July.

A BS&A Project Coordinator has reached out with some information requests for us to start on. I have also spoken to the person in charge of setting our implementation schedule. BS&A feels we should be on target for a go live date in December of this year which is much sooner than the original thought of 12-16 months. They are currently forming a team that will work with us and anticipate a meeting in the next couple of weeks to discuss the schedule and what information they need to get started.

FINANCIAL

Treasurer's Report and Investment Activity

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

Our CD with Lisle Savings Bank matured on May 18 at which time I renewed for a new 9-month term at 4.80%. The Money Market which held a little over \$1,000 balance was closed and moved into the CD to bring the total balance in the CD to \$250,000.

Annual Audit

Fieldwork took place the week of May 28. There are only a few items the District needs to provide to the auditors for them to complete their work. A single audit will also be done for the Curtiss Street Lining project because it was funded by a Federal Grant. Some information has been provided to the auditors so they can begin working on this as well.

User Billing

Detailed billing information is attached to this report.

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

USER BILLING SUMMARY

User Charge System

Billings for May 2024 were as follows:

	User	\$309,329.18
	Surcharge	22,427.52
	Monthly fees	428,584.33
	Total	\$760,341.03
Summer Usage Adjustment		\$0.00
	Billable Flow	112,483,338
	Budgeted Billable Flow	129,462,393
	% Actual/Budgeted Billable Flow	86.88%
	YTD Billable Flow	258,211,365
	YTD Budgeted Billable Flow	259,189,482
	% Actual/Budgeted Billable Flow	99.62%

The user accounts receivable balance on 5/31/2024 is \$819,145.45 and consists of:

Current charges due 5/15/2024		\$591,710.93
Past due charges and penalty		227,434.52
Total		\$819,145.45

The past due charges represent:

<u>Age</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$119,677.90	\$14,510.39	\$134,188.29
60 days past due	21,288.25	3,667.29	24,955.54
90 days & greater past due	56,724.94	11,565.75	68,290.69
Totals	\$197,691.09	\$29,743.43	\$227,434.52

Summary of
Past Due Charges
(90 Days and Over)

Five Year Comparison

May

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2024	\$56,724.94	\$11,565.75	\$68,290.69
2023	62,672.35	11,351.97	74,024.32
2022	38,626.36	8,031.01	46,657.37
2021	84,924.29	13,494.61	98,418.90
2020	57,672.52	7,368.53	65,041.05

Twelve Months Ending May 2024

<u>Month Ending</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
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
11/30/23	96,576.55	14,657.14	111,233.69
10/31/23	69,307.87	11,140.92	80,448.79
9/30/23	57,856.34	10,171.88	68,028.22
8/30/23	56,820.77	9,871.97	66,692.74
7/31/23	42,973.75	7,253.99	50,227.74
6/30/23	48,202.48	8,745.13	56,947.61

There were 32 accounts scheduled for Pre-Enforcement on May 15, 2024 of which 20 accounts have paid in full. There were 30 accounts scheduled for Pre-Enforcement for June 14, 2024 of which 6 have already paid in full and 1 has made payment arrangements. Water shut was scheduled for 47 delinquent accounts in Downers Grove on May 8th. Three (3) services were shut off and remain off, 7 accounts were already shut off by the Village of Downers Grove because of unpaid bills and 4 services remain on due to shared services. All other accounts were paid. 24 accounts were scheduled for water shut off in Westmont on May 14th. Three (3) services were shut off and have since paid, 4 are already off for unpaid bills to Westmont, 17 accounts have paid in full prior to water shut off. The next step in collections is a Show Cause Hearing to dig up the sewer lines of unpaid past due services.

To: Amy Underwood, General Manager
From: Marc Majewski, Operations Supervisor
Date: June 10, 2024
Subject: May 2024 WWTC Operations Report

Dear Amy,

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

Operations Highlights:

1. Monthly flow:

- Average daily flows: 13.45 MGD (Million Gallons per Day)
- Total precipitation: 3.84 inches
- Excess Flow days: 5
- Days of discharge over 11 MGD: 17

2. Activated Sludge:

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

3. Anaerobic Digesters:

- Pumped Volumes:
 - Primary Sludge: 890,089 gallons
 - TWAS (Thickened Waste Activated Sludge): Out of Service as of 4/16/24
 - WAS to digester 4 from Concentrators: 772,440 gallons
 - Waste grease: 251,581 gallons

4. Digester Gas:

- Total production: 6,236,876 cubic feet
- Usage Breakdown:
 - Anaerobic digestion heat: 257,341 cubic feet
 - CHP facilities: 5,125,469 cubic feet
- Flared gas recorded: 399,621 cubic feet
- Munters dehumidifier gas consumption: 454,444 cubic feet

5. Biosolids:

- Distributed 82 Dry tons of Class A biosolids.

6. Electricity:

- Overall net energy from ComEd: 2,316 kWh
- Electricity generated by CHP system: 421,947 kWh
- Monthly net energy (including natural gas usage): 6 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
5/1/2024	0.00	20.11	12.10	15.25	0.00	0.00	0.00	0.00	0.00	0.00	15.25	20.11	0.00
5/2/2024	0.53	22.90	10.39	15.85	0.00	0.00	0.00	0.00	0.00	0.00	15.85	22.90	0.00
5/3/2024	0.16	22.78	20.81	21.08	6.85	1.62	0.00	0.00	0.00	0.00	22.70	29.64	0.64
5/4/2024	0.05	22.77	14.63	18.96	10.96	0.56	0.00	0.00	0.00	0.00	19.52	33.73	0.42
5/5/2024	0.00	23.76	19.02	20.84	8.66	0.55	0.00	0.00	0.00	0.00	21.39	32.42	0.17
5/6/2024	0.00	22.47	13.50	17.33	0.00	0.00	0.00	0.00	0.00	0.00	17.33	22.47	0.00
5/7/2024	0.67	24.75	11.46	18.06	7.13	1.41	0.00	0.00	0.00	0.00	19.47	31.88	0.12
5/8/2024	0.00	22.88	16.69	19.71	0.54	0.00	0.00	0.00	0.00	0.00	19.71	23.42	0.00
5/9/2024	0.63	22.88	11.93	18.66	12.12	3.37	0.00	0.00	0.00	0.00	22.04	35.00	1.31
5/10/2024	0.00	22.88	19.51	20.81	4.50	0.33	0.00	0.00	0.00	0.00	21.14	27.38	0.00
5/11/2024	0.03	21.77	14.85	17.46	0.00	0.00	0.00	0.00	0.00	0.00	17.46	21.77	0.00
5/12/2024	0.00	18.05	11.68	13.96	0.00	0.00	0.00	0.00	0.00	0.00	13.96	18.05	0.00
5/13/2024	0.28	22.34	9.20	13.22	0.00	0.00	0.00	0.00	0.00	0.00	13.22	22.34	0.00
5/14/2024	0.01	20.62	12.69	14.80	0.00	0.00	0.00	0.00	0.00	0.00	14.80	20.62	0.00
5/15/2024	0.00	17.37	9.22	12.02	0.00	0.00	0.00	0.00	0.00	0.00	12.02	17.37	0.00
5/16/2024	0.00	15.87	7.73	11.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	15.87	0.00
5/17/2024	0.00	15.45	7.50	10.45	0.00	0.00	0.00	0.00	0.00	0.00	10.45	15.45	0.00
5/18/2024	0.00	15.33	6.47	9.91	0.00	0.00	0.00	0.00	0.00	0.00	9.91	15.33	0.00
5/19/2024	0.00	12.33	6.24	9.37	0.00	0.00	0.00	0.00	0.00	0.00	9.37	12.33	0.00
5/20/2024	0.00	12.65	6.09	9.16	0.00	0.00	0.00	0.00	0.00	0.00	9.16	12.65	0.00
5/21/2024	0.00	12.44	6.12	9.09	0.00	0.00	0.00	0.00	0.00	0.00	9.09	12.44	0.00
5/22/2024	0.00	12.03	5.53	8.57	0.00	0.00	0.00	0.00	0.00	0.00	8.57	12.03	0.00
5/23/2024	0.00	12.03	4.92	8.24	0.00	0.00	0.00	0.00	0.00	0.00	8.24	12.03	0.00
5/24/2024	0.34	12.34	5.13	8.90	0.00	0.00	0.00	0.00	0.00	0.00	8.90	12.34	0.00
5/25/2024	0.00	12.26	6.05	8.76	0.00	0.00	0.00	0.00	0.00	0.00	8.76	12.26	0.00
5/26/2024	0.97	22.89	5.11	14.02	0.00	0.00	0.00	0.00	0.00	0.00	14.02	22.89	0.00
5/27/2024	0.00	18.63	11.29	13.26	0.00	0.00	0.00	0.00	0.00	0.00	13.26	18.63	0.00
5/28/2024	0.17	16.29	7.27	10.52	0.00	0.00	0.00	0.00	0.00	0.00	10.52	16.29	0.00
5/29/2024	0.00	14.62	7.37	10.22	0.00	0.00	0.00	0.00	0.00	0.00	10.22	14.62	0.00
5/30/2024	0.00	12.30	5.82	8.93	0.00	0.00	0.00	0.00	0.00	0.00	8.93	12.30	0.00
5/31/2024	0.00	12.32	5.66	8.60	0.00	0.00	0.00	0.00	0.00	0.00	8.60	12.32	0.00
Minimum	0.00	12.03	4.92	8.24	0.00	0.00	0.00	0.00	0.00	0.00	8.24	12.03	0.00
Maximum	0.97	24.75	20.81	21.08	12.12	3.37	0.00	0.00	0.00	0.00	22.70	35.00	1.31
Total	3.84	558.09	311.99	417.03	50.76	7.84	0.00	0.00	0.00	0.00	424.86	608.85	2.66
Average	0.12	18.00	10.06	13.45	1.64	0.25	0.00	0.00	0.00	0.00	13.71	19.64	0.09

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
5/1/2024	15.25	2,326	72,146	8.14	57	37	30	161		5,383	8.1
5/2/2024	15.85	2,700	83,760	8.75	53	38	31	140	5,714		
5/3/2024	21.08	2,018	62,619	4.24	36	27	24	131		7,973	
5/4/2024	18.96		62,619	4.23							
5/5/2024	20.84		62,619	4.24							
5/6/2024	17.33	2,381	73,881	7.51	54	35	29	147		5,184	8.2
5/7/2024	18.06	2,587	80,249	7.87	57	40	32	155	5,447		8.3
5/8/2024	19.71	1,931	59,905	5.79	40	28	24	143		5,272	7.2
5/9/2024	18.66	2,520	78,179	7.55	61	42	35	165	4,962		
5/10/2024	20.81	2,157	66,909	6.18	52	38	31	172		5,528	
5/11/2024	17.46		66,909	6.18							
5/12/2024	13.96		66,909	6.19							
5/13/2024	13.22	2,729	84,666	10.07	74	53	44	195		4,121	8.3
5/14/2024	14.80	2,483	77,039	8.68	70	55	42	221	5,624		7.8
5/15/2024	12.02	2,819	87,470	7.11	81	63	48	224		5,626	8.1
5/16/2024	11.00	2,970	92,149	6.85	77	60	47	201	6,145		
5/17/2024	10.45	2,934	91,036	6.13	81	64	50	219		5,754	
5/18/2024	9.91		117,430	5.93							
5/19/2024	9.37		91,036	5.92							
5/20/2024	9.16	2,741	85,039	6.25	74	55	45	202		5,101	7.8
5/21/2024	9.09	2,756	85,514	6.19	69	51	42	185	6,170		7.7
5/22/2024	8.57	2,849	88,391	7.00	62	46	34	161		4,531	7.7
5/23/2024	8.24	2,552	79,161	6.18	62	45	35	177	5,555		
5/24/2024	8.90	2,601	80,706	6.02						4,850	
5/25/2024	8.76		80,706	5.86							
5/26/2024	14.02		80,706	5.86							
5/27/2024	13.26		80,706	5.86	44	32	26				
5/28/2024	10.52	2,232	69,240	5.24					5,136		7.8
5/29/2024	10.22	1,966	60,994	5.67						4,414	7.7
5/30/2024	8.93	2,245	69,640	6.97	54	39	30	173	4,620		7.9
5/31/2024	8.60	2,197	68,158	6.34	55	41	31	184		4,424	
Minimum	8.24	1,931	59,905.04	4.23	36.04	26.53	23.53	130.87	4,620	4,121	7.2
Maximum	21.08	2,970	117,429.60	10.07	80.99	64.24	50.27	224.39	6,170	7,973	8.3
Total	417.03	54,696	2,406,493.26	201.02	1,212.10	890.46	708.78	3,353.39	49,373	68,161	102.6
Average	13.45	2,486	77,628.74	6.48	60.65	44.45	35.50	176.63	5,486	5,243	7.9

Monthly Operations Report Page 3

	Tertiary Flow	Influent BOD 5	Primary Clarifier BOD 5	Intermediate Clarifier CBOD 5	Tertiary Effluent CBOD 5	Tertiary Effluent CBOD 5 Load	BOD 5 Removal %	Ambient Air Temp Min	Ambient Air Temp Max	Influent Flow Temp
Date	MGD	mg/l	mg/l	mg/l	mg/l		%	Deg F	Deg F	Deg F
5/1/2024	15.25	184	52		1.9	242	98.3	54	81	57.2
5/2/2024	15.85	185	141	3.3	2.0	264	98.4	51	81	57.3
5/3/2024	21.08	184						48	75	
5/4/2024	18.96	122						46	84	
5/5/2024	20.84							49	71	
5/6/2024	17.33	188	108		1.4	202	98.7	46	79	58.5
5/7/2024	18.06	171	92	3.9	1.6	241	98.4	57	79	58.4
5/8/2024	19.71	181	90		1.6	263	97.8	50	84	58.8
5/9/2024	18.66	164	84	7.4	1.4	218	97.8	51	66	58.8
5/10/2024	20.81	152						46	72	
5/11/2024	17.46							50	75	
5/12/2024	13.96							47	87	
5/13/2024	13.22	275	93		0.8	88	99.1	63	86	59.7
5/14/2024	14.80	252	132	2.1	1.2	148	99.1	54	67	59.7
5/15/2024	12.02	256	108		1.3	130	99.0	54	73	60.3
5/16/2024	11.00	340	178	1.7	1.2	110	99.1	51	76	60.3
5/17/2024	10.45							60	87	
5/18/2024	9.91							57	89	
5/19/2024	9.37							63	84	
5/20/2024	9.16	300	134		1.4	107	99.1	61	89	63.1
5/21/2024	9.09	340	147	1.8	1.8	136	99.2	64	92	63.2
5/22/2024	8.57	393	138		2.0	143	99.3	59	82	62.1
5/23/2024	8.24	367	163	2.3	2.2	151	99.1	53	88	62.1
5/24/2024	8.90							62	80	
5/25/2024	8.76							58	82	
5/26/2024	14.02							56	78	
5/27/2024	13.26	256			2.1	232	98.0	59	79	61.9
5/28/2024	10.52	307	140	2.2	1.4	123	98.9	55	79	62.0
5/29/2024	10.22	275			2.0	170	98.5	52	76	62.2
5/30/2024	8.93	327	167	1.7	2.0	149	98.9	45	79	62.4
5/31/2024	8.60							47	83	
Minimum	8.24	122	52	1.7	0.80	88	97.8	45	66	57.2
Maximum	21.08	393	178	7.4	2.20	264	99.3	64	92	63.2
Total	417.03	5,219	1,967	26.4	29.30	3,119	1,776.8	1,088	2,483	1,088.0
Average	13.45	249	123	2.9	1.63	173	98.7	54	80	60.4

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	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
5/1/2024	15.25	148	24		0.8	102	99.5	7.8	7.8	7.4	7.4
5/2/2024	15.85	200	104	10.8	0.9	119	99.6	7.8	7.9	7.3	7.4
5/3/2024	21.08	136			1.7	299	98.8	7.7	7.7	7.2	7.4
5/4/2024	18.96	124			0.9	142	99.3				
5/5/2024	20.84	112			1.3	226	98.8				
5/6/2024	17.33	172	72		0.9	130	99.5	7.9	7.9	7.4	7.5
5/7/2024	18.06	196	69	13.6	0.9	136	99.5	7.8	7.6	7.3	7.4
5/8/2024	19.71	184	63		1.2	197	99.3	7.9	7.7	7.3	7.5
5/9/2024	18.66	172	52	20.6	2.0	311	98.8	7.8	7.7	7.4	7.5
5/10/2024	20.81	120			1.9	330	98.4	7.8	7.7	7.2	7.4
5/11/2024	17.46	156			1.2	175	99.2				
5/12/2024	13.96	156			0.7	81	99.6				
5/13/2024	13.22	228	43	6.6	0.7	77	99.7	7.7	7.5	7.4	7.3
5/14/2024	14.80	220	71		1.0	123	99.5	7.7	7.8	7.4	7.4
5/15/2024	12.02	224	50		0.8	80	99.6	7.7	7.6	7.4	7.4
5/16/2024	11.00	267	118	5.0	1.0	92	99.6	7.7	7.7	7.4	7.3
5/17/2024	10.45	330			1.4	122	99.6	7.7	7.6	7.2	7.4
5/18/2024	9.91	295			1.2	99	99.6				
5/19/2024	9.37	240			0.8	63	99.7				
5/20/2024	9.16	427	126		0.9	69	99.8	7.6	7.8	7.2	7.2
5/21/2024	9.09	340	110	6.6	1.0	76	99.7	7.6	7.5	7.2	7.2
5/22/2024	8.57	333	81		0.5	36	99.8	7.7	7.6	7.1	7.5
5/23/2024	8.24	352	83	6.8	1.1	76	99.7	7.6	7.5	7.1	7.2
5/24/2024	8.90	310			1.2	89	99.6	7.6	7.6	7.1	7.3
5/25/2024	8.76	327			1.4	102	99.6				
5/26/2024	14.02	280			2.6	304	99.1				
5/27/2024	13.26	250			2.1	232	99.2	7.7		7.3	
5/28/2024	10.52	240	84	7.6	1.9	167	99.2	7.7	7.6	7.2	7.3
5/29/2024	10.22	240			1.5	128	99.4	7.7	7.7	7.1	7.2
5/30/2024	8.93	268	87	5.2	1.3	97	99.5	7.7		7.1	
5/31/2024	8.60	280			1.0	72	99.6	7.6	7.6	7.1	7.3
Minimum	8.24	112	24	5.0	0.5	36	98.4	7.6	7.5	7.1	7.2
Maximum	21.08	427	126	20.6	2.6	330	99.8	7.9	7.9	7.4	7.5
Total	417.03	7,327	1,237	82.8	37.8	4,351	3,081.8	177.5	161.1	166.8	154.5
Average	13.45	236	77	9.2	1.2	140	99.4	7.7	7.7	7.3	7.4

MONTHLY OPERATIONS REPORT PAGE 5

	Tertiary	Influent	Tertiary Effluent	Tertiary Effluent	Chlorine	Fecal
	Flow	Ammonia-N	Ammonia-N	Ammonia-N Load	Residual	Coliform
Date	MGD	mg/l	mg/l	lbs/day	mg/l	col/100ml
5/1/2024	15.25	8.68	0.10	12.7	0.015	10
5/2/2024	15.85	10.62	0.16	21.2	0.015	0
5/3/2024	21.08					
5/4/2024	18.96					
5/5/2024	20.84	4.63	0.10	17.4		
5/6/2024	17.33	9.46	0.10	14.5		
5/7/2024	18.06	8.10	0.17	25.6	0.015	0
5/8/2024	19.71	7.80	0.60	98.6	0.015	2
5/9/2024	18.66	8.08	0.11	17.1		
5/10/2024	20.81					
5/11/2024	17.46					
5/12/2024	13.96	8.38	0.10	11.6		
5/13/2024	13.22	15.90	0.13	14.3		
5/14/2024	14.80	11.12	0.10	12.3	0.015	2
5/15/2024	12.02	15.77	0.10	10.0	0.015	0
5/16/2024	11.00	16.94	0.10	9.2		
5/17/2024	10.45					
5/18/2024	9.91					
5/19/2024	9.37	14.38	0.10	7.8		
5/20/2024	9.16	21.24	0.10	7.6		
5/21/2024	9.09	17.66	0.10	7.6	0.015	0
5/22/2024	8.57	23.37	0.10	7.2	0.015	3
5/23/2024	8.24	17.92	0.11	7.6		
5/24/2024	8.90					
5/25/2024	8.76					
5/26/2024	14.02					
5/27/2024	13.26	13.00	0.13	14.4		
5/28/2024	10.52	22.39	0.12	10.5	0.015	3
5/29/2024	10.22	19.96	0.15	12.8	0.015	5
5/30/2024	8.93	20.50	0.11	8.2		
5/31/2024	8.60					
Minimum	8.24	4.63	0.10	7.2	0.015	0.0
Maximum	21.08	23.37	0.60	98.6	0.015	10.0
Total	417.03	295.90	2.89	348.2	0.150	25.0
Average	13.45	14.09	0.14	16.6	0.015	3.5

SLUDGE DATA

Primary Sludge	TS	2.63 %	890,089 Gallons
WAS to Thickener	TS	2.08 %	772,440 Gallons
TWAS to Digester 4	TS	%	0 Gallons
Hauled Grease to Digs	TS	2.30 %	251,581 Gallons

Anaerobically Digested Sludge Pumping

to Drying Beds	TS	2.70 %	142,380 Gallons
to BFP	TS	2.22 %	839,840 Gallons
to Lagoons	TS	%	Gallons
Total			982,220 Gallons

VS Destruction

57.0 %

Biosolids Disposal

Class A Distribution	May	82 Dry Tons
Class B Hauling	May	Dry Tons
Total	May	82 Dry Tons
Class A Distribution	YTD	365 Dry Tons
Class B Hauling	YTD	199 Dry Tons
Total	YTD	564 Dry Tons

ENERGY DATA

Total Digester Gas Production	6,236,876 SCF
Gas Volume per Volatile Solids Load	28.0 Cu.Ft./Lb.

Digester Gas Utilization

Heat Exchangers	257,341 SCF
Dehumidification	454,444 SCF
CHP	5,125,469 SCF
Total	5,837,255 SCF

Digester Gas Flared

399,621 SCF

Natural Gas Consumed

WWTC	7,200 SCF
MSB	2,300 SCF
Chemical Feed	100 SCF
5006 Walnut	0 SCF

Kilowatt-hours Generated CHP	421,947 KWH
Net energy from Comed	2,316 KWH
Monthly net energy	6 MWH

MISCELLANEOUS

Grit Removal	May	20 Cu. Yds
Grit Removal	YTD	100 Cu. Yds
Anaerobic Supernate		1,044,538 Gallons
Waste Activated Sludge		276,408 Gals/Day
City Water Consumed		150,722 Gallons

Monthly Operations Report Page 6

	Tertiary Flow	Influent Phosphorus	Tertiary Effluent Phosphorus	Influent Phosphorus Load	Tertiary Effluent Phosphorus Load	Phosphorus Removal %	Influent Nitrogen	Tertiary Effluent Nitrogen	Influent Nitrogen Load	Tertiary Effluent Nitrogen Load	Nitrogen Removal %	Tertiary Effluent Nitrate Grab
Date	MGD	mg/l	mg/l	lbs/day	lbs/day	%	mg/l	mg/l	lbs/day	lbs/day	%	mg/l
5/1/2024	15.25											
5/2/2024	15.85		1.85		244.58							11.09
5/3/2024	21.08											
5/4/2024	18.96											
5/5/2024	20.84											
5/6/2024	17.33											
5/7/2024	18.06											
5/8/2024	19.71	4.06	1.38	638.5	226.8	66.0						
5/9/2024	18.66											8.66
5/10/2024	20.81											
5/11/2024	17.46											
5/12/2024	13.96											
5/13/2024	13.22		1.76		194.0							
5/14/2024	14.80						35.0	11.3	4,043.2	1,394.8	65.5	
5/15/2024	12.02	4.35	2.07	420.4	207.5	52.4						
5/16/2024	11.00											
5/17/2024	10.45											
5/18/2024	9.91											
5/19/2024	9.37											
5/20/2024	9.16	11.89	3.06	880.6	233.9	74.3						
5/21/2024	9.09											25.57
5/22/2024	8.57											
5/23/2024	8.24		3.37		231.7							
5/24/2024	8.90											
5/25/2024	8.76											
5/26/2024	14.02											
5/27/2024	13.26	4.77	2.50	499.0	276.5	47.6						
5/28/2024	10.52		2.43		213.2							
5/29/2024	10.22											
5/30/2024	8.93											
5/31/2024	8.60											
Minimum	8.24	4.06	1.38	420.4	194.0	47.6	35.0	11.3	4,043.2	1,394.8	65.5	8.66
Maximum	21.08	11.89	3.37	880.6	276.5	74.3	35.0	11.3	4,043.2	1,394.8	65.5	25.57
Total	417.03	25.07	18.42	2,438.5	1,828.1	240.3	35.0	11.3	4,043.2	1,394.8	65.5	45.32
Average	13.45	6.27	2.30	609.6	228.5	60.1	35.0	11.3	4,043.2	1,394.8	65.5	15.11

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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:	001 External Outfall	Discharge:	001-0 COMBINED DISCHARGE FROM A01, B01, & C01																				
Report Dates & Status																							
Monitoring Period:	From 05/01/24 to 05/31/24		DMR Due Date:	06/25/24						Status:	NetDMR Validated												
Considerations for Form Completion																							
W0430300002 ; NUMBER OF DAYS OF DISCHARGE.COMBINED OUTFALLS: A01-MIXING CHAMBER DISCHARGE TO E BR OF DUPAGE RIVER-EFFECTIVE WHEN FLOWS TO TRT PLT ARE GREATER THAN 22 MGD & EXCESS FLOW FAC IS IN OPERATION. 002 BECOMES OPERATIONAL WHEN 001, A01,& B01 EXCEED 30 MGD.																							
Principal Executive Officer																							
First Name:	Amy		Title:	General Manager										Telephone:	630-969-0664								
Last Name:	Underwood																						
No Data Indicator (NODI)																							
Form NODI:	--																						
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	7.6			=	7.0		=	5.9	19 - mg/L	0	03/DW - 3 Days Every Week DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
					Permit Req.																		
					Value NODI																		
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	5.3		=	9.8	19 - mg/L	0	04/07 - Four Per Week DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB		
					Permit Req.																		
					Value NODI																		
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.1					=	7.5	12 - SU	0	05/DW - 5 Days Every Week DL/DS - Daily When Discharging	GR - GRAB GR - GRAB		
					Permit Req.																		
					Value NODI																		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	2.0		=	3.9	19 - mg/L	0	05/DW - 5 Days Every Week DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB		
					Permit Req.																		
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample								=	0.5		=	4.81	19 - mg/L	0	05/DW - 5 Days Every Week DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB		
					Permit Req.																		
					Value NODI																		
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	1.98		=	3.37	19 - mg/L	0	13/30 - 13 Per Month DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB		
					Permit Req.																		
					Value NODI																		
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0.1				19 - mg/L	0	14/30 - 14 Per Month DL/DS - Daily When Discharging	GR - GRAB GR - GRAB		
					Permit Req.																		
					Value NODI																		
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample											=	35.0	13 - #/100mL	0	14/30 - 14 Per Month DL/DS - Daily When Discharging	GR - GRAB GR - GRAB		
					Permit Req.																		
					Value NODI																		
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	422.2	80 - Mgal/mo									0	99/99 - Continuous 99/99 - Continuous			
					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

31 days of discharge. 5 days combined with A01 and zero days combined with C01.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-06-13 07:12 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

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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 05/01/24 to 05/31/24		DMR Due Date: 06/25/24		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						=	5.9				19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										Req Mon DAILY MN	19 - mg/L			
					Value NODI														
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	12.1				19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.						<=	30.0 MO AVG				19 - mg/L			
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.3				12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM				12 - SU			
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	6.4				19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.						<=	30.0 MO AVG				19 - mg/L			
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	4.81				19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										Req Mon DAILY MX	19 - mg/L			
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	1.45				19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										Req Mon MO AVG	19 - mg/L			
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	0.23				19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.						<=	0.75 MO AVG				19 - mg/L			
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	35.0				13 - #/100mL	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.						<=	400.0 DAILY MX				13 - #/100mL			
					Value NODI														
82220	Flow, total	1 - Effluent Gross	0	--	Sample						=	2.66				80 - Mgal/mo	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										Req Mon MO TOTAL	80 - Mgal/mo			
					Value NODI														

Submission Note

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Edit Check Errors

No errors.

Comments

5 days 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: 2024-06-13 07:12 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

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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 05/01/24 to 05/31/24				DMR Due Date: 06/25/24				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													Req Mon DAILY MN	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.																
					Value NODI																
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample												<= 30.0 MO AVG	<= 45.0 WKLY AVG	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.																
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample												>= 6.0 MINIMUM	<= 9.0 MAXIMUM	12 - SU	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.																
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												<= 30.0 MO AVG	<= 45.0 WKLY AVG	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.																
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample												Req Mon DAILY MX	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.																
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample												Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.																
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample												<= 0.75 MO AVG		19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.																
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample												<= 400.0 DAILY MX	13 - #/100mL	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.																
					Value NODI																
82220	Flow, total	1 - Effluent Gross	0	--	Sample												Req Mon MO TOTAL	80 - Mgal/mo		DL/DS - Daily When Discharging	
					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: 2024-06-12 15:05 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

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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 05/01/24 to 05/31/24	DMR Due Date: 06/25/24
Status: NetDMR Validated	

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

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

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	53.2	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.						Req Mon DAILY MX	19 - mg/L					
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	43.0	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.						Req Mon DAILY MX	19 - mg/L					
					Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	9.46	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.						Req Mon DAILY MX	19 - mg/L					
					Value NODI												
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	1.81	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.						Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L				
					Value NODI												
82220	Flow, total	1 - Effluent Gross	0	--	Sample		=	7.84	80 - Mgal/mo					0	DL/DS - Daily When Discharging	CN - CONTIN	
					Permit Req.			Req Mon MO TOTAL	80 - Mgal/mo								
					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
5 days of discharge. Event 1: 5/3/24, discharging for 10.6 hours. 0.53 inches of rain over 9 hours. B01 flow rate at A01 start time: 15,458gpm. Event 2: 5/4/24-5/5/24, discharging for 5.8 hours. 0.21 inches of rain over 5 hours. B01 flow rate at A01 start time: 16,740gpm. Event 3: 5/7/24-5/8/24, discharging for 9.7 hours. 0.67 inches of rain over 6 hours. B01 flow rate at A01 start time: 16,753gpm. Event 4: 5/9/24-5/10/24, discharging for 18.3 hours. 0.63 inches of rain over 12 hours. B01 flow rate at A01 start time: 17,722gpm. Event 5: 5/10/24, discharging for 2 hours. no additional rainfall. This event was a continuation of Event 4. B01 flow rate at A01 start time: 17,722gpm

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

User: reeseberry

Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-06-13 07:11 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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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:	B01 External Outfall	Discharge:	B01-0 MIXING CHAMBER DISCHARGE TO THE E BRANCH DUPAGE RVR																		
Report Dates & Status																					
Monitoring Period:	From 05/01/24 to 05/31/24										DMR Due Date:	06/25/24					Status:	NetDMR Validated			
Considerations for Form Completion																					
W0430300002 ; DMF LOAD LIMITS DISPLAYED.																					
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	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample						=	60.1					15 - deg F	0	01/30 - Monthly	GR - GRAB	
					Permit Req.							Req Mon MO MAX				15 - deg F					
					Value NODI																
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.5					19 - mg/L	0	03/DW - 3 Days Every Week	GR - GRAB	
					Permit Req.						>=	6.0 MN WK AV				>=	5.0 DAILY MN				19 - mg/L
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.1					12 - SU	0	05/DW - 5 Days Every Week	GR - GRAB	
					Permit Req.						>=	6.0 MINIMUM				<=	9.0 MAXIMUM				12 - SU
					Value NODI																
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	228.0					19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.							Req Mon DAILY MX				19 - mg/L					
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	140.36	=	329.76	26 - lb/d	=	1.2	=	2.6	19 - mg/L	0	05/DW - 5 Days Every Week	CP - COMPOS			
					Permit Req.	<=	2202.0 MO AVG	<=	4404.0 DAILY MX	26 - lb/d	<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L						
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	11.3				19 - mg/L	0	01/30 - Monthly	CP - COMPOS		
					Permit Req.							Req Mon DAILY MX				19 - mg/L					
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	4	--	Sample	=	16.58	=	98.61	26 - lb/d	=	0.14	=	0.6	19 - mg/L	0	05/DW - 5 Days Every Week	CP - COMPOS			
					Permit Req.	<=	275.0 MO AVG	<=	550.0 DAILY MX	26 - lb/d	<=	1.5 MO AVG	<=	3.0 DAILY MX	19 - mg/L						
					Value NODI																
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample						<	1.0				19 - mg/L	0	01/30 - Monthly	CP - COMPOS		
					Permit Req.							Req Mon DAILY MX				19 - mg/L					
					Value NODI																
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample						=	11.3				19 - mg/L	0	01/30 - Monthly	CA - CALCTD		
					Permit Req.							Req Mon DAILY MX				19 - mg/L					
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	2.3	=	3.37	19 - mg/L	0	01/30 - Monthly	CP - COMPOS			
					Permit Req.							Req Mon MO AVG							19 - mg/L		
					Value NODI																

					Value NODI																
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample																
					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	=	13.45	=	21.08	03 - MGD											
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	173.29	=	264.41	26 - lb/d											
					Permit Req.	<=	1835.0 MO AVG	<=	3670.0 DAILY MX	26 - lb/d											
					Value NODI																

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2024-06-13 07:12 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

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

Report Dates & Status			
Monitoring Period:	From 05/01/24 to 05/31/24	DMR Due Date:	06/25/24
Status:	NetDMR Validated		

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

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

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00310	BOD, 5-day, 20 deg. C	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				
00530	Solids, total suspended	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				
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			
82220	Flow, total	1 - Effluent Gross	0	--	Sample													
					Permit Req.									Req Mon MO TOTAL	80 - Mgal/mo	DL/DS - Daily When Discharging	CN - CONTIN	
					Value NODI									C - No Discharge				

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

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org

Date/Time: 2024-06-12 15:58 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

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

Report Dates & Status			
Monitoring Period:	From 05/01/24 to 05/31/24	DMR Due Date:	06/25/24
Status:	NetDMR Validated		

Considerations for Form Completion
W0430300002

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

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample						=	249.0			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
					Permit Req.										19 - mg/L			
					Value NODI													
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	236.0			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
					Permit Req.										19 - mg/L			
					Value NODI													
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample						=	35.0		19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.													19 - mg/L
					Value NODI													
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample						=	11.89		19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.													19 - mg/L
					Value NODI													
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	13.03	=	21.57	03 - MGD						0	99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								
					Value NODI													

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

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org

Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-06-13 07:13 (Time Zone: -05:00)

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy Underwood, General Manager

FROM: Nick Whitefleet, Maintenance Supervisor

DATE: June 12th, 2024

SUBJECT: May 2024 Maintenance Report

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

Special projects in May included:

Outfall 002 Pipe/Division Chamber Sump Pump Installation

DGSD Maintenance personnel procured and installed a new sump pump and rerouted the discharge piping under the concrete walkways as opposed to piping being on the surface causing a potential trip hazard. In addition to this work, the new pump was integrated into the District's SCADA system so that the pump would only be energized when the plant is in excess flow conditions. This decreases the likelihood of the pump operating when not intended. The total cost for this project was \$2,965. The new pump and piping have been tested and are fully operational.

Laboratory HVAC Repairs

While onsite for the repair of the East geothermal unit in the laboratory last month it was determined that the compressor needed to be replaced in the West geothermal unit. Unfortunately, when A-Formula came to install the new compressor, they found a leak in the evaporator coil that was not repairable. Ultimately, they replaced the compressor, evaporator coil and recharged the refrigerant. The system is now working as expected. Total cost for these repairs performed by A-Formula Mechanical Corporation came in at \$8,537.64.

Plant AC Condenser In-House Cleaning

As a preventative maintenance measure, maintenance staff performed coil cleaning on all ten (10) outside AC condenser units in the plant and at the administration center. This typically costs around \$145 per unit when outsourced to an outside contractor. The hope is that we should see an increase in air conditioner performance and a decrease in HVAC trouble calls that often are outsourced. The total cost of materials for cleaning the ten (10) units was \$78.12.

MSB Tool Storage Room Improvements

The tool storage room in the maintenance services building was in poor condition and required modification and some minor upgrades. New deeper shelving accommodates the larger tools better and safer. The addition of larger, more durable and better labeled storage containers allows for greater organization and capacity. Finally, an increase in wall mounted tool storage allows easy access to frequently used tools as well as the ability for maintenance staff to verify that all tools are accounted for throughout the work week. The total cost for this upgrade was \$1,193.25.

CHP Gas Cleaning System Media Change

Maintenance personnel working in cooperation with the operations and systems department personnel removed and replaced the media in the H2S and siloxane vessels this month. Everything went as planned and the system was brought back online and is operating as expected. Total cost for the media replacement including crane operations was \$22,551.09.

CHP System – Units 1&2 Operation Update

CHP 1: CHP 1 Although it has been operating throughout the month of May, DGSD Staff has noted that it is consuming an unusual amount of engine oil. Nissen has been notified and together we are monitoring it closely.

CHP 2: CHP 2 has been operating as expected throughout the month of May.

Centex Lift Station Replacement Update:

The punch list is still in the process of being completed. Intermittent pump VFD faults are still being investigated, but I am optimistic that a parameter change that was made to the VFDs has possibly resolved the issue. Landscape restoration has begun and is expected to be complete towards the end of June.

Procurement:

Unison gas cleaning system electrical control cabinet AC unit. \$3,854.61 from Ice Qube, Inc.

CHP engine oil, four (4) 55-gallon drums. \$4,847 from Nissen.

Bredel SPX 65 spare parts. \$2,063.33 from LAI, LLC.

Bar Screen Compactor #1, spiral conveyor for stock. \$7,012.56 from LAI, LLC.

Sludge Treatment lagoon road valve, 8” Dezurik plug valve. \$1,835.74 from LAI, LLC.

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

Work Order Summary

Work Order Completion Dates from 5/1/2024 to 5/31/2024

Work Assignment	Completion Date	Equipment	NOTATIONS
Valve #184 Actuator fault while opening	01-May-24	Belt Filter Press Building	Adjusted open and close limits on actuator. Verified operation - ok.
Change small air filter located on Unison Control Panel A/C Air intake		CHP Gas Cleaning System	
Oil Bell & Gosset Pumps		Digester 1 Heat Exchanger Digester 2 Heat Exchanger Digester 3 Heat Exchanger Digester 4 Heat Exchanger Digester 5 Heat Exchanger	
Monthly Underground Storage Tanks Inspection		Emerg Gen Diesel Storage Tank	
Oil Bell & Gosset Pumps		Excess Flow Pump Station	
Grease fittings on munters unit		Filter Building	
Replace failed sump pump	02-May-24	Digester 4 - 5 Control Buildg	South sump pump failed. Replaced basement sump pump with new.
2 MONTH OUTFALL ROAD INSPECTION AND CLEARING		Outfall 001 Pipe/Sample Trough	
Lower level light bulbs out		Raw Sewage Pump Station	Replaced burnt out light bulbs with new in raw sewage sub basement.
Paint New Bollards Safety Yellow	03-May-24	Venard Lift Station	Painted safety bollards around ComEd transformer safety yellow.
Change Pre-Filters Blowers 1 - 4.	06-May-24	Blower Bag Room	
Replace burnt out LED bulbs in garage		Maintenance Services Building	Replaced burnt out bulbs in MSB garage. LED 14 watt, 2 pin T-8 bulbs
Primary 5-6 shear pin and hub maintenance		Primary Clarifier 6	Removed shear pins and verified operation. Lubricated pin assembly and reinstall pin.
Primary 7-9 shear pin and hub maintenance		Primary Clarifier 7	Removed shear pin and verified operation. Lubricated assembly and reinstalled shear pin.
		Primary Clarifier 8	
		Primary Clarifier 9	
3 Month Grease- Secondaries 1 & 2		Secondary Clarifier 1	
		Secondary Clarifier 2	
MONTHLY CLEANING OF TWAS HOPPERS		WAS Volute Thickener	
Replace Wiper Grit Conveyors 1-2	07-May-24	Grit Conveyor System	
Six Month Oil Change Secondaries 3 - 5	08-May-24	Secondary Clarifier 3	
		Secondary Clarifier 4	
		Secondary Clarifier 5	
12 Month/10,000 Mile Synthetic Oil Change (2014 F-150)#302 (Electrical)	09-May-24	2014 Ford F-150 4x2 Shortbed	Changed oil and oil filter. Rotated tires.

Work Assignment	Completion Date	Equipment	NOTATIONS
#350 Change oil and rotate tires		2019 Ford F-150 Pickup	Changed oil and oil filter. Replaced windshield wipers (2). Rotated tires.
Adjust and Tighten Safety Mirror		WWTC Roadways	Adjusted and tightened roadway safety mirror at Grit Tank 1.
Pump out old grease line valve vault		Yard Piping - Liquid Treatment	
Pump won't start Battery dead	10-May-24	4 inch EBARA Pump (Old Jaeger)	Battery dead, replaced for free under warranty at AutoZone.
Repair Carriage drive gear motor mount	13-May-24	Filter 4	Fabricated adjustable (chain tensioner) motor mount plate for carriage drive assy and installed.
Replace UPS at Hypo OSEC PLC Cabinet		SCADA	Replaced UPS with new from stock. Purchased new unit for stock (Micro Center).
4 MONTH CLEANING OF PEARTH 2 & 4 STRAINERS	14-May-24	Digester 2 Mixing System Digester 4 Mixing System	
Run And Inspect Generators With The Load Of The Plant	15-May-24	Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
West Geothermal unit fail		Laboratory	A-Formula replaced the failed compressor and the evaporator coil with new. Recharged and tested system.
Soda Ash Bldg. exh fan not working.	16-May-24	CHP Gas Cleaning System	Troubleshooting resulted in the requirement to replace the on/off switch for fan assy.
Tool Room Remodel		Maintenance Services Building	Replaced shelving and totes with new. Painted walls and repaired/replaced electrical outlets,switch, and conduits. Installed wall mounts for tools.
22,722 hours, Oil Change	17-May-24	CHP Engine Genset #1	22,722 Hours. Change oil and oil filters. Take oil sample and send for analysis. Sample # IND-71990. Replaced oil breather elements(2).
Replace damaged rail cap with new		Filter 4	Removed and replaced all of the stainless steel rail cap on both sides of the filter. Cleaned rail below cap extensively.
Install new drain pump and piping		Outfall 002 Pipe/Dvrns Chmbr	Installed 2hp Ion pump in sump pit (Metro). Installed new float (Grainger), Piping (Porter), Cored Hole through concrete(Rental Max) and integrated into SCADA(Concentric).
Install cover on vestibule t-stat	20-May-24	Administration Center	Installed lockable thermostat guard over front vestibule t-stat.
Pump fail replace hose element	21-May-24	Hypo Effluent Mix-Down Pump	Replaced leaking hose element with new from stock. Changed lubricant and ordered parts for stock.
Replace Air Filters On Both Laboratory Furnaces		Laboratory	Replaced air filters (2) with new from stock.
Replace Air Filters On Both Maintenance Building Furnaces		Maintenance Services Building	
3 MONTH CHANGE OF PREFILTERS ON HONEYWELL AIR PUR	22-May-24	Administration Center Laboratory Maintenance Services Building Operations Center	Replaced Honeywell air purifier (17 units) filters (3 per unit) and pre filters (1 per unit) with new.
Replace Air Filters On Both Administration Center Furnaces	23-May-24	Administration Center	Replaced both filters with new.
CHP Oil Purchase		CHP Engine Genset #1	Purchased 4- 55 gallon drums of Addinol MG-40 Extra Plus motor oil for stock.
33,568 hours. Oil Change		CHP Engine Genset #2	Changed oil and oil filters(2). Sent oil sample for lab analysis, sample # IND-71989.

Work Assignment	Completion Date	Equipment	NOTATIONS
Cleaning of radiator fins on Unison chiller & Both Nissen dump radiators	24-May-24	CHP Engine Genset #1	Removed fan assemblies and cleaned both CHP dump radiators. Cleaned gas cleaning equip. Chiller unit radiator. Removed fan assemblies from both CHP engine dump radiators and cleaned coils. Cleaned gas cleaning sys. chiller radiator.
		CHP Engine Genset #2	
		CHP Gas Cleaning System	
Patch and paint ceiling in hallway		Maintenance Services Building	Patched hole from WAP and repainted complete ceiling of East hallway garage side of door.
Lubricate skid steer and attachment mechanism	28-May-24	2019 Skid Steer	
Monthly Fire Extinguishers Inspection		5006 Walnut Eqmnt Strge Bldg	
		Administration Center	
Exercising of bar screen sluice gates 1 and 2		Bar Screen 1 - North	
		Bar Screen 2 -South	
Monthly Fire Extinguishers Inspection		Bar Screen Building	
		Belt Filter Press Building	
		Bisulfite Building	
		Blower Building	
Turn on and run Chlorine Contact Tank sweep arm		Chlorine Contact Tank	
Purchase maintenance parts for stock		CHP Engine Genset #1	Purchased 2 air filters, 8 oil filters, and oil absorbent mats for both CHPs.
		CHP Engine Genset #2	
6000 Hour Oil Change on Unison Gas Skid Blower		CHP Gas Cleaning System	
Monthly Fire Extinguishers Inspection		Digester 1 and 2 Control Bldg	
		Digester 3 Control Building	
		Digester 4 - 5 Control Bldg	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Monthly Fire Extinguishers Inspection		Emergency Generator Building	
EXCESS 003- Exercise 30" and 24" DEZURIK Valves		Excess Flow 003 Valves	
Monthly Fire Extinguishers Inspection		Excess Flow Pump Station	
		Excess Flow Sludge Pump House	
		Filter Building	
		Grit Building	
		Hypochlorite Feed Blg	
		Interm Clarifier Sludge Bldg	

Work Assignment	Completion Date	Equipment	NOTATIONS
		Laboratory Maintenance Services Building Microstrainer Building Operations Center Raw Sewage Pump Station System Garage	
Exercise Ratio Valve #2		Tunnel - System 2 RAS	
Clean AC condenser coils	29-May-24	Administration Center	Cleaned 10 condenser coils, 3 at admin, 3 at ops center, and 4 at lab.
Change Pre-Filters On Blowers 6, 7, 8, Blow Out Filter.		Aeration Blower 06 Aeration Blower 07 Aeration Blower 08 Aeration Tank 10	
3 month Greasing of 3 AUMA Actuators		Belt Press Sludge Feed Pump 1 Belt Press Sludge Feed Pump 2	
3 MONTH GREASE OF BFP MOYNO PUMPS		Digester 1 Mixing Pump	
3 month Greasing of 3 AUMA Actuators		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	
Exercise Of EBARA and Excess Pumps		Grit Blower 1 Grit Blower 2	
Change Filters On Grit Blowers 1,2,3.		Laboratory Operations Center	Cleaned 10 condenser coils, 3 at admin, 3 at ops center, and 4 at lab.
Clean AC condenser coils		Digester 4 Mixing System	
500 Hour Oil Change on Pearth 4	30-May-24	Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
Run And Inspect Generators With The Load Of The Plant		2014 Freightliner M2106 6 yd d	
Safety lane Vehicle 354	31-May-24	2020 F350 4x4	Took Truck to Foster's Truck in Westmont for safety lane inspection.
Safety lane Vehicle 304- 2020 FORD F350 Bio-Truck		Administration Center	Replaced mouse damaged wiring with new. Replaced damaged disconnect fuse w/new.
East AC unit wire damage		CHP Gas Cleaning System Digester 1 Heat Exchanger	Replaced media in H2S Vessel. Replaced media in the 2 East vessels. Purchased spare supersacks from Grainger.
Media Change, H2S & Siloxane Tanks (2)			
MONTHLY EXERCISE OF ALL HEAT EXCHANGERS- GAS			

Work Assignment	Completion Date	Equipment	NOTATIONS
MODE		Digester 2 Heat Exchanger Digester 3 Heat Exchanger Digester 4 Heat Exchanger Digester 5 Heat Exchanger	
Semi annual elevator inspection		Excess Flow Pump Station Raw Sewage Pump Station	6 month elevator inspection.
Restore grass that was damaged throughout Winter		WWTC Landscaping	Regraded where applicable, installed seed from stock / Conserv FS and covered w/ straw (Conserv FS). Watered periodically.

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: June 7, 2024

TO: Amy Underwood
General Manager

FROM: Todd Freer
Sewer System Maintenance Supervisor

RE: Monthly Report – May 2024

1.

JULIE Line Markings:	Current	Year to Date
Received	1,315	5,022
In District	1,273	4,896
Marked	279	1,405
Man Hours	93	467.3

2.

Building Service:	Current	Year to Date
BSSRAP TV Inspections	28	101
Emergency BSSRAP Repairs	14	51
Total BSSRAP Repairs	14	91
I&I Inspections	3	18
I&I C.O. Inspections	0	0
Replace Broken Cleanout Caps	0	0
OHSP TV Inspections	0	1
Post Rodding TV	6	27

3.

Sewer Back-Ups:	Current	Year to Date
Public Sewer	0	1
Private Sewer	19	84
Surcharged Main	0	0
Pump Station	0	0
Total	19	85

4.

	Current	Year to Date
Sewer Cleaning (DGSD Personnel):	32,995.1	126,002.8 Ft.
a. Sewer Cleaning (Outside Contractors)	0 Ft.	0 Ft.

5.

Main Sewer Televising (DGSD personnel)	0	866 Ft.
a. Sewer Televising (Outside Contractors)	0	3940 Ft.

6.		Current	Year to Date
	LETS TV	0	0
7.			
	Manhole Inspections	0	143

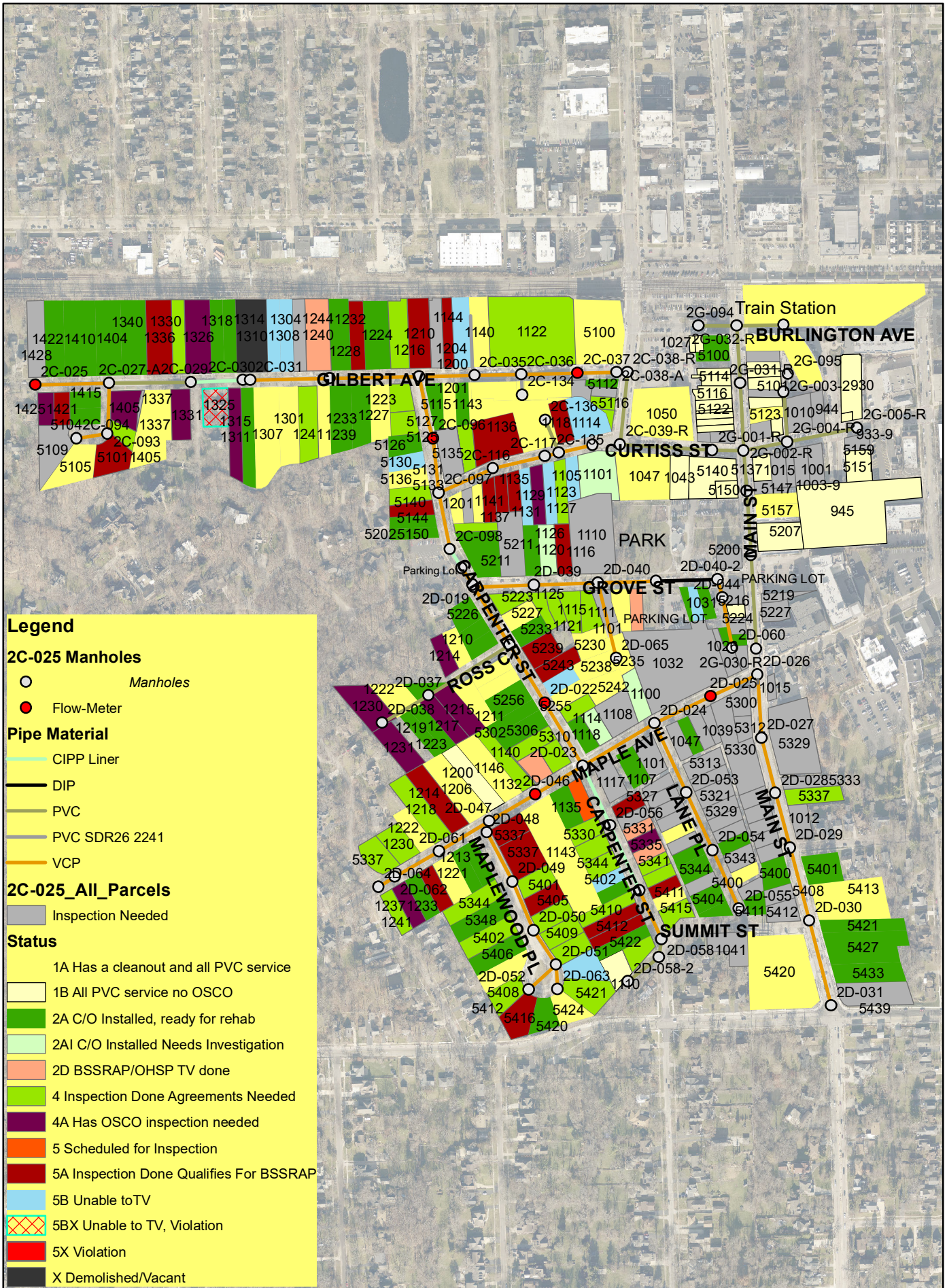
8. Infiltration/Inflow Removal Work

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 "F", which included Maple Avenue and Maplewood Avenue, has been completed for inspections in the 2C-025 Downtown Study. The next Group will concentrate on Lane place and Main Street. Request for Inspection Letters is targeted for the week of June 10th.

9. Meters will most likely be reinstalled to more locations in the 2C-025 Downtown Study. New flow meter sensors and adapters have been ordered to repair non-functioning flow meters so that the next flow basin cycle can be changed. Parts will not be shipped until Q3 of 2024. This will put a delay in relocating meters.

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

2C-025 I&I Investigation Status



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	44	16%
4A	N	N	N	N	N/A	N	13	5%
5	Y	N	N	N	N	N	2	0%
5A	Y	Y	N	N	N	N	29	21%
5AX	Y	Y	N	N	N	N	0	0%
5B	Y	N	N	N	N	N	12	4%
5BX	Y	N	N	N	N	N	1	1%
0	N	N	N	N	N	N	69	21%
X	-	-	-	-	-	-	2	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: June 4, 2024

TO: Amy R. Underwood
General Manager

FROM: Keith Shaffner
Sewer Construction Supervisor

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

1. Permits issued:	Current	Year to Date
a. Single family	3	20
b. Multiple family	0	0
c. Commercial	0	5
d. Repair	2	6
e. Disconnection	<u>1</u>	<u>12</u>
Total	6	43

2. Inspections made:	Current	Year to Date
a. Connections	9	28
b. Finals	4	17
c. Repairs	2	6
d. Disconnects	1	13
f. Walk-Thru	0	0
g. Pre-connections	1	2
h. Overhead Sewer Program	0	0
i. Code Enforcement	1	2
j. Lateral testing	<u>13</u>	<u>20</u>
Total	31	88

3. New Sewer Extension Construction:

None

4. New Sewer Extension Testing - air, deflection, manhole, and televising:

None

5. Code Enforcement:

Illegal storm sump pump line connection to sanitary. Violation was found during inspection for BSSRAP program. The homeowner corrected the violation and ran sump line to grade in yard. DGSD Inspector witnessed and approved correction.

6. Plan & Permit Reviews:

- a. 4812 Wallbank – Single Family Home
- b. 4507.5 Drendel – Single Family Home
- c. 205 W. Naperville – Single Family Repair
- d. 133 S. Adams – Single Family Repair
- e. 5929 Washington – Single Family Septic Conversion
- f. 4953 Fairview – Commercial Review
- g. 4916 Middaugh – Single Family Home

7. Building Sanitary Service Access Agreements:

- a. 5929 Washington – Downers Grove
- b. 1243 59th – Downers Grove

8. Illinois EPA Permits:

None

9. Miscellaneous:

Swallow Construction is planning on starting the Venard Force Main Replacement project the week of June 10th. Residents in the area have been notified and preconstruction recordings have been completed.

Village road work has begun. DGSD Inspectors have been working with the Village of Downers Grove making sure our structures are being properly adjusted. This work will continue through the summer.

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

Permits Issued: MAY 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2024	38	133 S	ADAMS	W	5/6/2024	REPAIR		
2024	40	205 W	NAPERVILLE	W	5/7/2024	REPAIR		
2024	37	4812	WALLBANK	DG	5/8/2024	SF-RB		\$273.00
2024	39	5929	WASHINGTON	DG	5/10/2024	SF-SC	\$3,860.50	\$273.00
2024	27	1243	59TH STREET	DG	5/21/2024	SF	\$3,860.50	\$273.00
2024	44	4641	STONEWALL	DG	5/28/2024	DISCON		
TOTAL:							\$7,721.00	\$819.00

Permit Final Inspections: MAY 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2023	50	6120	FAIRVIEW	DG	5/2/2024
2023	58	4605	LINSCOTT	DG	5/16/2024
2023	80	28	ROSLYN	DG	5/29/2024
2022	67	801	BURLINGTON	DG	5/29/2024

Progress Report

To: Amy Underwood, General Manager
From: Reese Berry, Laboratory Supervisor
Date: June 13, 2024
Re: May 2024 Laboratory Report

DGSD had 5 excess flow sampling events during May 2024. DGSD had no permit excursions in May.

Pretreatment:

We are currently evaluating the Arrow Gear BMR/Industrial Permit application we received towards the end of March. We reached out to Arrow Gear for additional information and are currently evaluating that information prior to issuing an Industrial User (IU) permit at this time.

We still need to complete the permitted industrial sampling for Jan-June. We only have 3 sample points currently to complete, so this should be a quick project to complete.

Semi-Annual sampling of Influent, Effluent and Biosolids needs to be completed by the end of June. Due to a very wet spring, we've been delayed performing this work. Historically this sampling is performed during dry weather flow, so getting a nice stretch of weather without scheduling conflicts has been a challenge. We are hopeful June brings a nice stretch of weather to complete this sampling.

Surcharge:

We anticipate surcharge sampling to begin in June or July this year. We have a smaller region to sample this year, so it should be fairly easy to work weeks into our schedule.

Biosolids:

We sampled bi-monthly biosolids for the required analysis. All data returned up to this point is well below the acceptable concentration limits.

Personnel:

Our department had an analyst on scheduled vacation, along with other various paid leave days throughout the month. We had to move some scheduling around to accommodate during this time. All lab activities proceeded as normal even while short staffed. We also experienced more high flow events than usual earlier in the month, while we were sampling biosolids. These are the weeks that can get stressful for staff, but we were able to complete all the normal activities during this time.

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

To: Board of Trustees
From: Amy Underwood
Re: Engineering Report for May 2024
Date: June 14, 2024

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

I. Planning Projects & Studies

A. Biosolids Processing Improvements

Baxter & Woodman (B&W) evaluated the District's existing solids processing and met with District staff on December 21 to discuss their findings. B&W suspects that the District may be overloading Digester 4 with grease. B&W and the District are reviewing the options to address this situation.

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

Staff provided minor comments to the Forest Preserve District of DuPage County on the draft report from Christopher B. Burke Engineering, Ltd. The report presents alternatives and makes a recommendation on the most feasible alternative to replace the Maple Grove Bridge located in Gilbert Park. The bridge supports an overflow sewer that is critical to prevent overflows and backups during wet weather events.

D. Facility Plan

A scoping meeting for the Facility Plan was held with B&W on June 4. The resulting scope of work is provided in the attached Work Order from Baxter & Woodman. The negotiated not-to-exceed fee based on the attached scope is \$320,000. The District budgeted \$150,000 in FY2024-25 and included another \$150,000 in the five-year plan for FY2025-26 to complete this work. The FY2025-26 budget for this item will be reevaluated before the budget is approved next year.

II. Design Projects

A. WWTC Gas Detection System

The Board awarded the project to Connelly Electric at its May 21 meeting. B&W is working on getting the agreement, bonds and insurance from the contractor.

B. Radio Enhancement

I signed the contract with Chicago Communications for this work on June 7, 2024. The payment terms require 45% of the cost to be paid at the time of the contract. The initial

payment will be included in the June Claim Ordinance. A summary of the payment status is provided below.

Fee	\$110,371.63
Total Paid to Date	\$49,667.23
Less Previous Payments	<u>-\$0.00</u>
Current Payment Due	<u>\$49,667.23</u>
Remaining	\$60,704.40

C. 2024 Sewer Rehabilitation (Lining)

This project was advertised for bids on June 13. A pre-construction meeting will be held on June 25, and bids will be opened on July 9.

D. 2024 Sewer Televising

This project is part of the continued, annual commitments identified in our Sanitary Sewer Collection System Capacity, Management, Operation and Maintenance (CMOM) Plan, which is a requirement of our NPDES permit. Under this project approximately 66,000 lineal feet of sanitary sewer ranging in size from 8-inch to 16-inch diameter will be televised. This project was advertised for bids on June 13. Bids will be opened on July 11.

III. Construction Projects

A. Centex Lift Station Replacement

No pay request was included in the Claim Ordinance this month. Please refer to the Maintenance monthly report for more information.

B. Outfall 001 Sanitary Sewer Repair

No pay request was included in the Claim Ordinance this month. Reimbursement of \$509,881 through the DuPage County LARPA program has been received and will appear on the June Treasurer’s Report in next month’s Board packet.

The shrub planting has been completed.

C. Curtiss Street Sewer Lining

The final payment request is included in the June Claim Ordinance. Due to differences in the actual quantities of the unit price work in comparison to the estimated quantities used in the bid, a final change order will be presented to the Board for approval at the June Board meeting. Please note that the net change below includes that change order plus the previous change order.

A	Original Contract Sum	A	\$1,886,180.00
B	Net Change by Change Orders to Date	B	- \$129,416.00
C	Contract Sum to Date	A+B = C	<u>\$1,756,764.00</u>

D	Total Completed and Stored to Date	D	\$1,756,764.00
E	Retainage	E	- \$0.00
F	Total Earned Less Retainage	D-E= F	<u>\$1,756,764.00</u>

G	Less Previous Certificates for Payment	Previous Payments	- \$1,572,087.60
H	Current Payment Due	F-G= H	<u>\$184,676.40</u>

I	Balance to Finish, including Retainage	C-F=I	\$0.00
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The \$1,080,000 Community Funding Grant paid for 61.5% of this project. I am preparing the required closeout documentation for the grant program.

D. Venard Force Main Replacement

A payment request has not been made yet. Please refer to the monthly Sewer Construction Progress Report for a status update on the work.

E. SCADA Platform Replacement (Ignition)

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

Engineer's Fee	\$236,300.00
Total Completed to Date	\$159,404.25
Less Previous Payments	<u>-\$156,324.25</u>
Current Payment Due	<u>\$ 3,080.00</u>
Remaining	\$76,895.75

Concentric has completed most of the screens for the WWTC. Staff review of the screens is ongoing.

F. SCADA PLC Replacement

This project is part of the ongoing SCADA PLC replacement project which was started in 2021. This year, the PLCs and Remote I/O (RIO) hardware inside the Blower Building PLC panel, the Blower Building RIO panel, the Grit Building PLC panel, and the Administration Center RIO panel will be replaced.

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

Engineer's Fee	\$87,960.00
Total Completed to Date	\$732.50
Less Previous Payments	<u>-\$0.00</u>
Current Payment Due	<u>\$ 732.50</u>
Remaining	\$87,227.50

C: BOLI, CS, DM

**DOWNERS GROVE SANITARY DISTRICT, IL
FACILITY PLAN**

WORK ORDER

Engineer's Project No. 2400988.00

Project Description:

The Project includes preparation of a Facility Plan Report that will evaluate DGSD's Wastewater Treatment Center (WWTC), Lift Stations, and Collection System and prioritize projects.

Engineering Services:

The general provisions of this Work Order are enumerated in the Engineering Services Agreement between the District and Engineer dated December 21, 2021. Engineer shall provide the services set forth in Attachment A, attached hereto.

Compensation:

Compensation for the services will be in accordance with the Engineering Services Agreement dated December 21, 2021. The District shall pay the Engineer for the services performed or furnished under Attachment A for actual work time performed plus reimbursement of out-of-pocket expenses including travel, which in total will not exceed \$320,000.

Submitted by: **Baxter & Woodman, Inc.**

By: *Derek Woid*
Derek Woid, PE

Title: Executive Vice President

Date: June 12, 2024

Approved by: **Downers Grove Sanitary District**

By: _____
Amy Underwood, PE

Title: General Manager

Date: _____

Additional Comments and Conditions: None.

P:\DGSD1\2400988-Facility Plan\Contracts\Work\2400988.00_WorkOrder_Facility_Plan.docx

SCOPE OF SERVICES

The Project includes preparation of a Facility Plan Report that will evaluate DGSD's Wastewater Treatment Center (WWTC), Lift Stations, and Collection System and prioritize projects. Should the District desire, upon approval by IEPA, this report will allow DGSD's project(s) to be eligible for funding for 5-years before it will need to be updated.

1. PROJECT COORDINATION AND DATA COLLECTION

1.1. PROJECT MANAGEMENT

- A. Plan, schedule, and control the activities that must be performed to complete the Project including budget, schedule, and scope.
- B. Coordinate with District and project team to ensure the goals of the Project are achieved.
- C. Prepare and submit monthly invoices and provide a monthly status report via email describing tasks completed the previous month and outlining goals for the subsequent month.

1.2. PROJECT MEETINGS

- A. The following meetings are anticipated for this project:
 - 1. Meetings with District (13 total)
 - a) WWTC Site Visits (2)
 - b) Lift Station Site Visit (1)
 - c) Various Report Workshops (8)
 - d) Draft Report Review Meeting (1)
 - e) Final Report Review Meeting (1)

1.3. COLLECT EXISTING DATA

- A. Obtain, review, and evaluate the following information provided by the District for use in the evaluation:
 - 1. Review previously conducted studies, drawings and records provided by the District.
 - 2. Utility Atlases
 - 3. Environmental Studies
 - 4. Discharge Monitoring Reports (DMRs)
 - 5. Operating Reports
 - 6. Laboratory Data
 - 7. Existing Basis of Design
 - 8. Population and development data

-
9. Create lists of missing or conflicting data

2. ENGINEERING ANALYSIS – FACILITY PLAN

2.1. WASTEWATER TREATMENT CENTER – FACILITY PLAN

A. GENERAL SECTIONS & CAPACITY ANALYSIS

1. Document condition of existing treatment units, equipment, and structures as determined during site visits. Determine existing population equivalents (PEs), wastewater contribution flow and pollutant loads.
2. Obtain planning area and population projections from the District to determine population equivalents that will come from areas of re-development and growth. Determine the wastewater contribution and pollutant loads from re-development and growth areas. Determine when new wastewater contributions will impact the existing facilities based on population growth rate from the District.
3. Identify probable future NPDES permit conditions. Consider future permit conditions based on projections from the DuPage River Salt Creek Workgroup.

B. ADMINISTRATIVE/MAINTENANCE NEEDS

1. With assistance from DGSD staff, identify administrative and maintenance needs in terms of facilities. Provide detailed recommendations for new/expanded administration and maintenance facilities including cost estimates.

C. BASIS OF DESIGN

1. Develop a Basis of Design that takes into account the current conditions and the projected increase in loading using standards and design criteria from the Illinois Recommended Standards for Sewage Works.
2. Identify possible alternative solutions to provide sufficient capacity to treat the wastewater flows and loads for the next 20 years, to correct deficiencies at the existing WWTC and address potential future NPDES Permit effluent limits. Develop a recommended phasing plan based on discussion with District staff.

D. CONDITION ASSESSMENT & EQUIPMENT REPLACEMENTS

1. Conduct site visits to create an inventory of existing treatment equipment, document equipment characteristics, attributes, and condition. Compile a list of equipment to be replaced.

E. FULL PLANT HYDRAULIC PROFILE

1. Develop a hydraulic profile of the WWTC that takes into account the current actual influent flows and hydraulic treatment capacity during wet weather events and the 100-year flood condition. Identify hydraulic pinch-points and make recommendations for improvements.

F. BIOLOGICAL MODELING

1. SAMPLING ASSISTANCE

- a) Assist District staff with review and verification of lab sampling data over a 12-month period.

2. BIOLOGICAL MODELING

a) ASSESS EXISTING CONDITIONS

- 2.1.F.2.a.1. Review and determine existing facility capacities. Using BiowinTM software/Basis of Design, prepare a calibrated, simulation, and optimization model of the plant to establish baseline operating conditions and evaluate performance limitations utilizing District provided lab sampling data.

b) ASSESS FUTURE CONDITIONS

- 2.1.F.2.b.1. Identify future forecasted effluent limits. Determine the new treatment processes and modifications necessary to meet forecasted nutrient effluent limits.

- 2.1.F.2.b.2. Modify the BiowinTM model/Basis of Design of the plant based on the process modifications to simulate, evaluate, and optimize process performance to meet anticipated flow, load, and permit conditions. Future conditions will consider biological phosphorus removal, chemical phosphorous removal, biological ammonia removal, and sidestream ammonia removal.

G. BIOSOLIDS IMPROVEMENTS

1. Build upon the 2024 Biosolids Study to provide long-term recommendations for anaerobic digestion, sludge dewatering, biosolids storage (Class A vs. Class B), and sidestream recovery.

H. ALTERNATIVE PROCESS CONSIDERATIONS

1. High level evaluation of alternative processes that will be identified in early stages of the project.

I. DISINFECTION STUDY

1. Utilize the full plant hydraulic profile to evaluate the feasibility of UV disinfection in the existing Microstrainer Building. Evaluate utilizing UV, bulk hypochlorite, and On-Site Hypochlorite Generation System (OSEC) for the flow receiving full treatment and

identify other alternatives such as bulk hypochlorite and On-Site Hypochlorite Generation System (OSEC) for disinfecting excess flow.

J. ELECTRICAL DISTRIBUTION

1. The existing WWTC motor control centers (MCCs) are beyond their expected useful life. Evaluate the existing electrical distribution infrastructure and prepare a plan to feed existing and proposed processes (from the chosen alternatives from the above sections) within the bounds of applicable regulations (NFPA 820, NEC).

K. CODE REVIEW/TUNNELS

1. Summarize the findings from the 2023 Code Review Report. Include a long-term plan to implement the code review improvements excluding what has already been completed or included in the District's current 5-year plan.

2.2. LIFT STATION & FORCE MAIN – FACILITY PLAN

A. GENERAL SECTIONS

1. Document condition of all existing lift stations, equipment, and structures.

B. LIFT STATION EVALUATION - Document condition of existing lift stations, equipment, and structures. Perform a high-level evaluation on the following lift stations to identify required improvements to be eligible for IEPA SRF WPCLP funding. Select one lift station for more detailed evaluation similar to recently prepared reports for the District. Prepare opinions of probable cost and associated exhibits, including concept plans for the following lift station & force mains:

1. Wroble
2. Hobson
3. Northwest
4. Earlston
5. Note:
 - a) College Lift Station shall be evaluated in detail as part of a separate study.
 - b) Butterfield Lift Station and College Lift Station studies will be included as appendices in the report. Costs and anticipated schedule will be included in the Facility Plan Report.

2.3. COLLECTION SYSTEM – FACILITY PLAN

A. Prepare a list of priority projects to be included in the Facility Plan. Evaluate and prioritize Sanitary Sewer Projects by reviewing District provided data including:

1. I/I Number
2. Pipe Age/Year constructed
3. Pipe Size

4. SSOs
 5. Basement Backups
 6. Pipe material, including pipes that have been lined
 7. Force Main breaks
 8. PACP Scoring
- B. Include flow basins with the five (5) highest I/I Number and other areas identified by the District that may need to be rehabilitated to address structural or capacity deficiencies in the next 5 years.
3. FACILITIES PLANNING REPORT
- 3.1 OPINION OF PROBABLE COST - Prepare an opinion of the probable total Project(s) cost including construction, engineering services, contingencies, and, on the basis of information furnished by the District, allowances for legal services, financial consultants, and any administrative services or other costs necessary for completion of the Project. Develop a phasing program so that the District can apply the costs to their fiscal plan.
- 3.2 PERMITS AND AGENCY COORDINATION
- 3.2.1 Obtain an endangered species consultation from IDNR/ES and U.S. Fish & Wildlife (USFW).
- 3.2.2 Obtain a historic preservation consultation from IHPA.
- 3.2.3 Submit an EcoCAT information request through the IDNR website to identify potentially impacted natural resources. Should potential impacts be identified, consultation may be required. Providing additional Project information and fees as may be required for consultation, are not included in the scope of this Project and would be a separate expense to the District if required. Unique design measures to mitigate impacts from the EcoCAT will also be considered additional services.
- 3.3 REPORT - Prepare a Facilities Planning Report in conformance with planning requirements of IEPA's Water Pollution Control Loan Program (WPCLP). The Facility Planning Report contains schematic layouts, conceptual design criteria, Basis of Design, exhibits indicating proposed treatment units, total project cost, and funding and implementation alternatives. Provide softcopy on electronic media of the Facilities Planning Report to the District, for review, comments, and approval. Incorporate final comments in the final Facilities Planning Report.
- 3.3.1 A regulatory overview indicating forecasted effluent limits.
- 3.3.2 An evaluation of the capacity of existing facilities to meet the forecasted regulatory limits based on operating data and the facility baseline model.
- 3.3.3 An evaluation of the cost-effectiveness and feasibility of alternatives based on the aforementioned evaluations.

- 3.3.4 A process flow diagram for the facility showing existing, proposed, and future facilities.
- 3.3.5 A schematic layout for the facility showing existing, proposed, and future facilities.
- 3.3.6 A site plan showing existing, proposed, and future facilities.

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE: 5/31/2024

CASH BALANCES

ACCOUNT NAME	ACCOUNT NUMBER	BALANCE PER BANK STATEMENT	PREVIOUS MONTH		
			TOTAL BALANCE PER BANK STATEMENTS	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT PERCENTAGE
DEPOSIT	XXXXXXXXXX1116	\$899,785.42			
DISBURSEMENT	XXXXXXXXXX1111	255,752.00			
FLEXIBLE BENEFITS	XXXXXXXXXX6025	6,294.06			
PAYROLL	XXXXXXXXXX1117	220,706.59			
PETTY CASH	XXXXXXXXXX1112	4,294.09			
USER REFUNDS	XXXXXXXXXX1114	4,356.32			
TOTAL - CASH AT BANK		\$1,391,188.48	\$1,569,694.45	\$2,467.91	0.1572%

INVESTMENTS

TYPE	FINANCIAL INSTITUTION	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
CD	TRISTATE CAPITAL BANK	ONGOING	8/9/2024	\$250,000.00	5.470%			\$250,000.00			\$13,675.00
CD	STEARNS BANK	ONGOING	1/17/2025	\$250,000.00	5.000%	\$250,000.00					\$12,500.00
CD	LISLE SAVINGS BANK	ONGOING	2/20/2025	\$250,000.00	4.800%	\$250,000.00					\$12,000.00
CD	EVERGREEN BANK GROUP	ONGOING	3/1/2025	\$252,934.69	4.850%	\$252,934.69					\$12,267.33
TOTAL CDs				\$1,002,934.69	5.029%	\$752,934.69	\$0.00	\$250,000.00	\$0.00	\$0.00	\$50,442.33

TYPE	FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT	CURRENT RATE OF RETURN					ESTIMATED ANNUAL RETURN	
MM	BANKFINANCIAL	ONGOING	6/21/2023	\$252,992.49	5.250%	\$252,992.49				\$13,282.11	
MM	LISLE SAVINGS BANK	CLOSED	5/20/2024	CLOSED							
MM	TRISTATE CAPITAL BANK	ONGOING	4/16/2021	\$11.91	3.230%			\$11.91		\$0.38	
TOTAL MM ACCOUNTS				\$253,004.40	5.250%	\$252,992.49	\$0.00	\$11.91	\$0.00	\$0.00	\$13,282.49
ILLINOIS FUNDS - MONEY MARKET				\$7,975,049.97	5.422%	\$5,984,407.11	\$898,475.95	\$1,092,166.91	\$0.00	\$0.00	\$432,407.21
TOTAL - ALL INVESTMENTS				\$9,230,989.06	5.375%	\$6,990,334.29	\$898,475.95	\$1,342,178.82	\$0.00	\$0.00	\$496,132.03

TOTAL CASH AND INVESTMENTS \$10,622,177.54

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: June 14, 2024
Subject: Treasurer's Report for May 2024

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

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

Year-to-date	Income	Expenses
General Fund	\$ 920,683.60 (page 1)	\$ 822,316.11 (page 6)
Improvement Fund	\$ 3,292.86 (page 7)	\$ 0.00 (page 8)
Construction Fund	\$ 10,589.13 (page 9)	\$ 0.00 (page 10)
Public Benefit Fund	\$ 0.00 (page 11)	\$ 0.00 (page 11)
TOTAL	\$ 934,565.59	\$ 822,316.11

C: BOLI, DM, CS

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Fund number & Description	Ending Fund Balance

Fund 01 : GENERAL FUND	\$7,319,065.45
Fund 02 : IMPROVEMENT FUND	\$1,473,930.94
Fund 03 : CONSTRUCTION FUND	\$1,831,802.58
Fund 05 : PUBLIC BENEFIT FUND	\$37,817.83
Recap Totals	<u>\$10,662,616.80</u>

TREASURER'S REPORT

DATE 06/11/24

MONTH ENDED 05/31/24

PAGE 1

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT	Y-T-D	Y-T-D	BUDGET		
			MONTH	MONTH				%	BUDGET
=====									
DEPT 05	REVENUES								
3000	PROPERTY TAXES		132,629.12-	0	132,629.12-	0	132,629.12-	.0	1,473,600-
3001	USER RECEIPTS		273,355.48-	291,884-	273,355.48-	291,884-	18,528.52	6.4-	4,702,200-
3002	SURCHARGES		24,340.69-	29,425-	24,340.69-	29,425-	5,084.31	17.3-	474,000-
3004	PLAN REVIEW FEES		.00	125-	.00	125-	125.00	100.0-	500-
3005	CONSTRUCTION INSPECTION FEES		.00	120-	.00	120-	120.00	100.0-	500-
3006	PERMIT INSPECTION FEES		819.00-	1,600-	819.00-	1,600-	781.00	48.8-	19,000-
3007	INTEREST ON INVESTMENTS		39,475.12-	6,500-	39,475.12-	6,500-	32,975.12-	507.3	77,500-
3013	SAMPLING AND MONITORING		12,483.25-	8,530-	12,483.25-	8,530-	3,953.25-	46.4	116,000-
3014	REPLACEMENT TAXES		31,442.91-	17,300-	31,442.91-	17,300-	14,142.91-	81.8	120,000-
3015	MISCELLANEOUS INCOME		329.01-	400-	329.01-	400-	70.99	17.8-	4,000-
3016	SALE OF ELECTRICITY		.00	2,000-	.00	2,000-	2,000.00	100.0-	20,000-
3020	SALE OF PROPERTY		994.00-	4,000-	994.00-	4,000-	3,006.00	75.2-	92,000-
3021	TELEVISION INSPECTION		.00	0	.00	0	.00	.0	150-
3023	PROPERTY LEASE PAYMENTS		3,288.81-	3,400-	3,288.81-	3,400-	111.19	3.3-	40,000-
3024	MONTHLY SERVICE FEES		385,022.19-	405,015-	385,022.19-	405,015-	19,992.81	4.9-	4,860,200-
3027	GREASE WASTE		16,504.02-	17,000-	16,504.02-	17,000-	495.98	2.9-	200,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	.00	.0	1,150,000
3040	RENEWABLE ENERGY CREDITS		.00	0	.00	0	.00	.0	30,000-
=====									
DEPT 05	TOTALS		920,683.60-	787,299-	920,683.60-	787,299-	133,384.60-	16.9	11,079,650-
=====									
FUND	REVENUE TOTAL		920,683.60-	787,299-	920,683.60-	787,299-	133,384.60-	16.9	11,079,650-
=====									
DEPT 11	O & M EXPENSES - ADMINISTRATION								
SECT A	SALARIES AND WAGES								
A001	TRUSTEES		3,597.50	4,500	3,597.50	4,500	902.50-	20.1-	18,000
A002	BOLI		.00	225	.00	225	225.00-	100.0-	900
A003	GENERAL MANAGEMENT		32,265.71	33,470	32,265.71	33,470	1,204.29-	3.6-	290,100
A004	FINANCIAL RECORDS		27,344.91	31,750	27,344.91	31,750	4,405.09-	13.9-	275,200
A005	ADMINISTRATIVE RECORDS		4,445.72	3,610	4,445.72	3,610	835.72	23.2	31,300
A006	ENGINEERING		142.47	140	142.47	140	2.47	1.8	1,200
A007	CODE ENFORCEMENT		39,285.34	38,600	39,285.34	38,600	685.34	1.8	334,500
A008	SAFETY ACTIVITIES		10,391.08	6,340	10,391.08	6,340	4,051.08	63.9	54,900
A030	BUILDING AND GROUNDS		475.08	990	475.08	990	514.92-	52.0-	8,600
=====									
SECT A	TOTALS		117,947.81	119,625	117,947.81	119,625	1,677.19-	1.4-	1,014,700
=====									
SECT B	OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY		.00	900	.00	900	900.00-	100.0-	8,800
B101	NATURAL GAS		152.69	200	152.69	200	47.31-	23.7-	3,500
B102	WATER, GARBAGE AND OTHER UTILITIES		85.84	200	85.84	200	114.16-	57.1-	1,300
B110	BANK CHARGES		28.90	1,000	28.90	1,000	971.10-	97.1-	11,500
B112	COMMUNICATION		1,955.06	2,400	1,955.06	2,400	444.94-	18.5-	28,000
B113	EMERGENCY/SAFETY EQUIPMENT		4,727.55	2,700	4,727.55	2,700	2,027.55	75.1	21,700
B115	EQUIPMENT/EQUIPMENT REPAIR		17,127.98	37,750	17,127.98	37,750	20,622.02-	54.6-	297,000
B116	SUPPLIES		456.10	700	456.10	700	243.90-	34.8-	7,500

TREASURER'S REPORT

DATE 06/11/24
 FUND 01 GENERAL FUND

MONTH ENDED 05/31/24

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NUMBER	DESCRIPTION	COST		ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
		CURRENT	CURRENT	MONTH	MONTH	BUDGET		
				Y-T-D	Y-T-D	VARIANCE	%	BUDGET
B117	EMPLOYEE/DUTY COSTS	1,858.88	2,000	1,858.88	2,000	141.12-	7.1-	23,500
B118	BUILDING AND GROUNDS	1,198.30	5,000	1,198.30	5,000	3,801.70-	76.0-	56,200
B119	POSTAGE	1,007.50	1,000	1,007.50	1,000	7.50	.8	9,200
B120	PRINTING/PHOTOGRAPHY	8,272.23	1,000	8,272.23	1,000	7,272.23	727.2	14,500
B121	USER BILLING MATERIALS	6,276.03	7,000	6,276.03	7,000	723.97-	10.3-	83,000
B124	CONTRACT SERVICES	4,232.23	30,000	4,232.23	30,000	25,767.77-	85.9-	348,800
B137	MEMBERSHIPS/SUBSCRIPTIONS	434.40	900	434.40	900	465.60-	51.7-	8,900
SECT B TOTALS		47,813.69	92,750	47,813.69	92,750	44,936.31-	48.5-	923,400
SECT C VEHICLES								
C222	GAS/FUEL	162.76	300	162.76	300	137.24-	45.8-	3,100
C225	OPERATION/REPAIR	10.25	700	10.25	700	689.75-	98.5-	2,700
C226	VEHICLE PURCHASES	.00	0	.00	0	.00	.0	28,000
SECT C TOTALS		173.01	1,000	173.01	1,000	826.99-	82.7-	33,800
DEPT 11 TOTALS		165,934.51	213,375	165,934.51	213,375	47,440.49-	22.2-	1,971,900
DEPT 12 O & M EXPENSES - WWTC								
SECT A SALARIES AND WAGES								
A006	ENGINEERING	1,567.17	910	1,567.17	910	657.17	72.2	7,900
A009	OPERATIONS MANAGEMENT	9,979.27	14,120	9,979.27	14,120	4,140.73-	29.3-	122,400
A010	MAINTENANCE - BUDGET	.00	80,260	.00	80,260	10,289.57-	12.8-	695,600
A011	MAINTENANCE - WWTC	43,906.43	0	43,906.43	0	.00	.0	0
A013	MAINTENANCE - ENERGY RECOVERY	538.68	0	538.68	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL	25,525.32	0	25,525.32	0	.00	.0	0
A020	WWTC - BUDGET	.00	70,900	.00	70,900	4,112.81	5.8	614,500
A021	WWTC - OPERATIONS	54,383.44	0	54,383.44	0	.00	.0	0
A022	WWTC - SLUDGE HANDLING	20,079.05	0	20,079.05	0	.00	.0	0
A023	WWTC - ENERGY RECOVERY	550.32	0	550.32	0	.00	.0	0
A030	BUILDING AND GROUNDS	13,443.86	8,390	13,443.86	8,390	5,053.86	60.2	72,700
SECT A TOTALS		169,973.54	174,580	169,973.54	174,580	4,606.46-	2.6-	1,513,100
SECT B OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY	229.49	11,000	229.49	11,000	10,770.51-	97.9-	145,000
B101	NATURAL GAS	590.26	900	590.26	900	309.74-	34.4-	12,500
B102	WATER, GARBAGE AND OTHER UTILITIES	2,732.94	5,000	2,732.94	5,000	2,267.06-	45.3-	43,500
B103	ODOR CONTROL	.00	400	.00	400	400.00-	100.0-	4,000
B104	FUEL - GENERATORS	.00	4,000	.00	4,000	4,000.00-	100.0-	14,500
B112	COMMUNICATION	1,483.37	2,000	1,483.37	2,000	516.63-	25.8-	22,500
B113	EMERGENCY/SAFETY EQUIPMENT	565.93	4,000	565.93	4,000	3,434.07-	85.9-	38,200
B116	SUPPLIES	2,438.30	3,000	2,438.30	3,000	561.70-	18.7-	33,800
B117	EMPLOYEE/DUTY COSTS	3,391.80	3,000	3,391.80	3,000	391.80	13.1	34,500
B124	CONTRACT SERVICES	.00	0	.00	0	.00	.0	204,300
B130	NPDES PERMIT FEES	.00	0	.00	0	.00	.0	53,000
B131	SLUDGE HAULING/DISPOSAL SERVICES	.00	0	.00	0	.00	.0	135,000

TREASURER'S REPORT

DATE 06/11/24

MONTH ENDED 05/31/24

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FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT		BUDGET	BUDGET		
			MONTH	MONTH	Y-T-D	Y-T-D			
B400	CHEMICALS - BUDGET		.00	25,000	.00	25,000	24,848.04-	99.4-	246,500
B404	CHEMICALS - OTHER		151.96	0	151.96	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS		14.84	3,000	14.84	3,000	2,985.16-	99.5-	275,400
B502	EQPT/EQPT REPAIR - DISINFECTION		.00	2,500	.00	2,500	2,500.00-	100.0-	58,400
B503	EQPT/EQPT REPAIR - EXCESS FLOW		.00	5,000	.00	5,000	5,000.00-	100.0-	60,400
B504	EQPT/EQPT REPAIR - GRIT REMOVAL		.00	1,500	.00	1,500	1,500.00-	100.0-	47,000
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING		278.97	5,900	278.97	5,900	5,621.03-	95.3-	78,400
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT		1,098.67	2,700	1,098.67	2,700	1,601.33-	59.3-	151,600
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT		.00	7,300	.00	7,300	7,300.00-	100.0-	191,700
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION		.00	500	.00	500	500.00-	100.0-	20,700
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING		425.98	2,500	425.98	2,500	2,074.02-	83.0-	30,000
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION		.00	6,500	.00	6,500	6,500.00-	100.0-	103,000
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT		2,811.57	2,400	2,811.57	2,400	411.57	17.2	128,900
B512	EQPT/EQPT REPAIR - WWTC GENERAL		2,097.62	5,000	2,097.62	5,000	2,902.38-	58.1-	55,200
B513	EQPT/EQPT REPAIR - WWTC UTILITIES		4,190.98	26,000	4,190.98	26,000	21,809.02-	83.9-	831,800
B801	BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS		.00	25	.00	25	25.00-	100.0-	300
B802	BLDG AND GROUNDS - DISINFECTION		41.19	800	41.19	800	758.81-	94.9-	8,600
B803	BLDG AND GROUNDS - EXCESS FLOW		.00	600	.00	600	600.00-	100.0-	9,000
B804	BLDG AND GROUNDS - GRIT REMOVAL		.00	500	.00	500	500.00-	100.0-	5,900
B805	BLDG AND GROUNDS - INFLUENT PUMPING		.00	2,000	.00	2,000	2,000.00-	100.0-	23,000
B807	BLDG AND GROUNDS - SECONDARY TREATMENT		23.48	300	23.48	300	276.52-	92.2-	1,600
B809	BLDG AND GROUNDS - SLUDGE DEWATERING		.00	600	.00	600	600.00-	100.0-	7,700
B810	BLDG AND GROUNDS - SLUDGE DIGESTION		.00	600	.00	600	600.00-	100.0-	6,800
B811	BLDG AND GROUNDS - TERTIARY TREATMENT		.00	2,000	.00	2,000	2,000.00-	100.0-	51,600
B812	BLDG AND GROUNDS - WWTC GENERAL		3,002.75	24,000	3,002.75	24,000	20,997.25-	87.5-	436,400
B813	BLDG AND GROUNDS - WWTC UTILITIES		.00	400	.00	400	400.00-	100.0-	4,400
SECT B TOTALS			25,570.10	160,925	25,570.10	160,925	135,354.90-	84.1-	3,575,100
SECT C VEHICLES									
C222	GAS/FUEL		2,271.68	2,500	2,271.68	2,500	228.32-	9.1-	27,000
C225	OPERATION/REPAIR		388.49	700	388.49	700	311.51-	44.5-	7,000
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	104,800
SECT C TOTALS			2,660.17	3,200	2,660.17	3,200	539.83-	16.9-	138,800
DEPT 12 TOTALS			198,203.81	338,705	198,203.81	338,705	140,501.19-	41.5-	5,227,000
DEPT 13 O & M EXPENSES - LABORATORY									
SECT A SALARIES AND WAGES									
A009	OPERATIONS MANAGEMENT		11,828.24	8,420	11,828.24	8,420	3,408.24	40.5	73,000
A040	LABORATORY - BUDGET		.00	26,070	.00	26,070	4,273.69-	16.4-	225,900
A041	LAB - WWTC		19,146.38	0	19,146.38	0	.00	.0	0
A042	LAB - PRETREATMENT		1,717.27	0	1,717.27	0	.00	.0	0
A043	LAB - SURCHARGE PROGRAM		56.94	0	56.94	0	.00	.0	0
A047	LAB - MICRO		143.20	0	143.20	0	.00	.0	0
A048	LAB - ENERGY RECOVERY		732.52	0	732.52	0	.00	.0	0
SECT A TOTALS			33,624.55	34,490	33,624.55	34,490	865.45-	2.5-	298,900

TREASURER'S REPORT

DATE 06/11/24
 FUND 01 GENERAL FUND

MONTH ENDED 05/31/24

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL		
			CURRENT	CURRENT	BUDGET			VAR	
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET		
							%		
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		268.02	300	268.02	300	31.98-	10.7-	3,000
B114	CHEMICALS		1,338.12	2,400	1,338.12	2,400	1,061.88-	44.3-	27,700
B115	EQUIPMENT/EQUIPMENT REPAIR		21.88	5,000	21.88	5,000	4,978.12-	99.6-	52,000
B116	SUPPLIES		820.19	3,000	820.19	3,000	2,179.81-	72.7-	29,700
B117	EMPLOYEE/DUTY COSTS		551.76	1,000	551.76	1,000	448.24-	44.8-	8,000
B122	MONITORING EQUIPMENT		.00	2,500	.00	2,500	2,500.00-	100.0-	9,700
B123	OUTSIDE LAB SERVICES		1,337.60	4,300	1,337.60	4,300	2,962.40-	68.9-	51,500
B124	CONTRACT SERVICES		377.50	6,300	377.50	6,300	5,922.50-	94.0-	75,000
=====									
SECT B TOTALS			4,715.07	24,800	4,715.07	24,800	20,084.93-	81.0-	256,600
=====									
SECT C VEHICLES									
C222	GAS/FUEL		51.80	100	51.80	100	48.20-	48.2-	1,000
C225	OPERATION/REPAIR		10.35	250	10.35	250	239.65-	95.9-	1,000
=====									
SECT C TOTALS			62.15	350	62.15	350	287.85-	82.2-	2,000
=====									
DEPT 13 TOTALS			38,401.77	59,640	38,401.77	59,640	21,238.23-	35.6-	557,500
=====									
DEPT 14 O & M EXPENSES - SEWER SYSTEM									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		949.80	560	949.80	560	389.80	69.6	4,900
A050	SEWER MAINTENANCE - BUDGET		.00	34,800	.00	34,800	4,686.53	13.5	301,600
A051	SEWER MAINTENANCE		38,161.45	0	38,161.45	0	.00	.0	0
A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS		1,325.08	0	1,325.08	0	.00	.0	0
A060	INSPECTION - BUDGET		.00	27,210	.00	27,210	5,371.65-	19.7-	235,900
A061	INSPECTION - NEW CONSTRUCTION		217.14	0	217.14	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS		4,210.21	0	4,210.21	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS		3,980.54	0	3,980.54	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS		1,417.47	0	1,417.47	0	.00	.0	0
A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES		3,059.08	0	3,059.08	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT		8,953.91	0	8,953.91	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET		.00	2,380	.00	2,380	1,921.41-	80.7-	20,600
A072	SEWER INVESTIGATIONS		458.59	0	458.59	0	.00	.0	0
=====									
SECT A TOTALS			62,733.27	64,950	62,733.27	64,950	2,216.73-	3.4-	563,000
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		762.33	800	762.33	800	37.67-	4.7-	9,500
B113	EMERGENCY/SAFETY EQUIPMENT		7.64	250	7.64	250	242.36-	96.9-	3,000
B115	EQUIPMENT/EQUIPMENT REPAIR		4,657.89	13,000	4,657.89	13,000	8,342.11-	64.2-	74,500
B116	SUPPLIES		46.42	400	46.42	400	353.58-	88.4-	4,700
B117	EMPLOYEE/DUTY COSTS		2,094.97	1,800	2,094.97	1,800	294.97	16.4	21,500
B124	CONTRACT SERVICES		.00	0	.00	0	.00	.0	105,000
B127	JULIE SYSTEM		4,005.36	4,000	4,005.36	4,000	5.36	.1	16,400
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM		.00	2,000	.00	2,000	2,000.00-	100.0-	15,000
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE		350.00	1,000	350.00	1,000	650.00-	65.0-	12,000

TREASURER'S REPORT

DATE 06/11/24
 FUND 01 GENERAL FUND

MONTH ENDED 05/31/24

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NUMBER	DESCRIPTION	COST		ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
		CURRENT	CURRENT	MONTH	MONTH	BUDGET		
				Y-T-D	Y-T-D	VARIANCE	%	BUDGET
B900	SEWER SYSTEM REPAIRS - BUDGET	.00	30,100	.00	30,100	31,174.39-	103.6-	3,055,100
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	1,074.39-	0	1,074.39-	0	.00	.0	0
SECT B TOTALS		10,850.22	53,350	10,850.22	53,350	42,499.78-	79.7-	3,316,700
SECT C VEHICLES								
C222	GAS/FUEL	2,207.01	1,700	2,207.01	1,700	507.01	29.8	20,000
C225	OPERATION/REPAIR	495.98	1,300	495.98	1,300	804.02-	61.9-	15,000
C226	VEHICLE PURCHASES	.00	0	.00	0	.00	.0	114,500
SECT C TOTALS		2,702.99	3,000	2,702.99	3,000	297.01-	9.9-	149,500
DEPT 14 TOTALS		76,286.48	121,300	76,286.48	121,300	45,013.52-	37.1-	4,029,200
DEPT 15 O & M EXPENSES - LIFT STATIONS								
SECT A SALARIES AND WAGES								
A006	ENGINEERING	189.96	560	189.96	560	370.04-	66.1-	4,900
A009	OPERATIONS MANAGEMENT	1,346.41	160	1,346.41	160	1,186.41	741.5	1,500
A030	BUILDING AND GROUNDS	360.25	270	360.25	270	90.25	33.4	2,400
A080	LIFT STATION MAINTENANCE	1,608.60	2,570	1,608.60	2,570	961.40-	37.4-	22,400
SECT A TOTALS		3,505.22	3,560	3,505.22	3,560	54.78-	1.5-	31,200
SECT B OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY	14,229.06	17,000	14,229.06	17,000	2,770.94-	16.3-	200,000
B104	FUEL - GENERATORS	.00	1,200	.00	1,200	1,200.00-	100.0-	4,600
B112	COMMUNICATION	305.53	500	305.53	500	194.47-	38.9-	5,000
B113	EMERGENCY/SAFETY EQUIPMENT	.00	800	.00	800	800.00-	100.0-	2,200
B116	SUPPLIES	172.74	100	172.74	100	72.74	72.7	400
B124	CONTRACT SERVICES	.00	100	.00	100	100.00-	100.0-	500
B520	EQPT/EQPT REPAIR - BUTTERFIELD	.00	700	.00	700	700.00-	100.0-	7,700
B521	EQPT/EQPT REPAIR - CENTEX	20.18	400	20.18	400	379.82-	95.0-	3,800
B522	EQPT/EQPT REPAIR - COLLEGE	580.00	200	580.00	200	380.00	190.0	20,200
B523	EQPT/EQPT REPAIR - EARLSTON	.00	2,600	.00	2,600	2,600.00-	100.0-	31,300
B524	EQPT/EQPT REPAIR - HOBSON	473.49	1,400	473.49	1,400	926.51-	66.2-	101,700
B525	EQPT/EQPT REPAIR - LIBERTY PARK	20.18	1,100	20.18	1,100	1,079.82-	98.2-	4,200
B526	EQPT/EQPT REPAIR - NORTHWEST	.00	100	.00	100	100.00-	100.0-	8,600
B527	EQPT/EQPT REPAIR - VENARD	574.06	1,400	574.06	1,400	825.94-	59.0-	15,900
B528	EQPT/EQPT REPAIR - WROBLE	473.49	1,300	473.49	1,300	826.51-	63.6-	15,500
B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	60.92	5,200	60.92	5,200	5,139.08-	98.8-	62,700
B820	BLDG AND GROUNDS - BUTTERFIELD	76.58	0	76.58	0	76.58	.0	0
B821	BLDG AND GROUNDS - CENTEX	76.58	0	76.58	0	76.58	.0	0
B822	BLDG AND GROUNDS - COLLEGE	.00	0	.00	0	.00	.0	5,000
B823	BLDG AND GROUNDS - EARLSTON	76.58	0	76.58	0	76.58	.0	20,800
B824	BLDG AND GROUNDS - HOBSON	76.58	0	76.58	0	76.58	.0	57,800
B825	BLDG AND GROUNDS - LIBERTY PARK	76.58	0	76.58	0	76.58	.0	0
B826	BLDG AND GROUNDS - NORTHWEST	76.58	0	76.58	0	76.58	.0	20,000
B827	BLDG AND GROUNDS - VENARD	76.58	0	76.58	0	76.58	.0	0

TREASURER'S REPORT

DATE 06/11/24
 FUND 01 GENERAL FUND

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NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
B828	BLDG AND GROUNDS - WROBLE		76.58	0	76.58	0	76.58	.0	8,400
B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL		.00	3,000	.00	3,000	3,000.00-	100.0-	31,300
SECT B TOTALS			17,522.29	37,100	17,522.29	37,100	19,577.71-	52.8-	627,600
DEPT 15 TOTALS			21,027.51	40,660	21,027.51	40,660	19,632.49-	48.3-	658,800
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS									
SECT E INSURANCE AND EMPLOYEE BENEFITS									
E452	LIABILITY/PROPERTY		237,963.00	242,000	237,963.00	242,000	4,037.00-	1.7-	242,000
E455	EMPLOYEE GROUP HEALTH		41,675.00	49,000	41,675.00	49,000	7,325.00-	15.0-	587,500
E460	IMRF		13,744.24	21,340	13,744.24	21,340	7,595.76-	35.6-	194,000
E461	SOCIAL SECURITY		29,079.79	28,210	29,079.79	28,210	869.79	3.1	256,500
SECT E TOTALS			322,462.03	340,550	322,462.03	340,550	18,087.97-	5.3-	1,280,000
DEPT 17 TOTALS			322,462.03	340,550	322,462.03	340,550	18,087.97-	5.3-	1,280,000
DEPT 91 SA EXPENSE									
DEPT 91 TOTALS			.00	0	.00	0	.00	0	
FUND EXPENSE TOTAL			822,316.11	1,114,230	822,316.11	1,114,230	291,913.89-	26.2-	13,724,400
FUND 01 TOTALS			98,367.49-	326,931	98,367.49-	326,931	425,298.49-	130.1-	2,644,750

TREASURER'S REPORT

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 FUND 02 IMPROVEMENT FUND

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	Y-T-D	Y-T-D	BUDGET
			MONTH	MONTH			
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		1,421.64-	1,300-	1,421.64-	1,300-	15,400-
3010	TRUNK SEWER SERVICE CHARGES		1,871.22-	7,500-	1,871.22-	7,500-	90,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	750,000-
=====							
DEPT 05	TOTALS		3,292.86-	8,800-	3,292.86-	8,800-	855,400-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	0	93,200
=====							
DEPT 30	TOTALS		.00	0	.00	0	93,200
=====							
DEPT 36	CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE						
=====							
DEPT 36	TOTALS		.00	0	.00	0	0
=====							
DEPT 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						
=====							
DEPT 47	TOTALS		.00	0	.00	0	0
=====							
DEPT 48	CAPITAL - VENARD LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	0	845,000
=====							
DEPT 48	TOTALS		.00	0	.00	0	845,000
=====							
DEPT 49	CAPITAL EXP - WROBLE LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	0	26,000
=====							
DEPT 49	TOTALS		.00	0	.00	0	26,000
=====							
DEPT 74	CAPITAL EXP - SEWER - UNSEWERED AREAS						
0500	PROJECT BUDGET		.00	500	.00	500	500
=====							
DEPT 74	TOTALS		.00	500	.00	500	500
=====							

TREASURER'S REPORT

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FUND 02 IMPROVEMENT FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
	FUND EXPENSE TOTAL		.00	500	.00	500	964,700
=====							
	FUND 02 TOTALS		3,292.86-	8,300-	3,292.86-	8,300-	109,300
=====							

TREASURER'S REPORT

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 FUND 03 CONSTRUCTION FUND

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		2,868.13-	2,000-	2,868.13-	2,000-	23,100-
3009	SEWER PERMIT FEES		7,721.00-	20,900-	7,721.00-	20,900-	250,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	400,000-
=====							
DEPT 05	TOTALS		10,589.13-	22,900-	10,589.13-	22,900-	673,100-
=====							
DEPT 20	CAPITAL EXP - WWTC - GAS DETECTION/ALARMING						
0500	PROJECT BUDGET		.00	0	.00	0	444,000
=====							
DEPT 20	TOTALS		.00	0	.00	0	444,000
=====							
DEPT 21	CAPITAL EXP - WWTC - BIOSOLIDS IMPROVEMENTS						
0500	PROJECT BUDGET		.00	0	.00	0	447,500
=====							
DEPT 21	TOTALS		.00	0	.00	0	447,500
=====							
DEPT 22	CAPITAL EXP - WWTC - DIGESTER GAS SAFETY EQUIP						
0500	PROJECT BUDGET		.00	0	.00	0	335,000
=====							
DEPT 22	TOTALS		.00	0	.00	0	335,000
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	0	28,900
=====							
DEPT 30	TOTALS		.00	0	.00	0	28,900
=====							
DEPT 31	CAPITAL EXP - WWTC - CHP BIOGAS						
=====							
DEPT 31	TOTALS		.00	0	.00	0	0
=====							
DEPT 32	CAPITAL EXP - WWTC - SECOND TURBOBLOWER						
=====							
DEPT 32	TOTALS		.00	0	.00	0	0
=====							
DEPT 33	CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING						
=====							
DEPT 33	TOTALS		.00	0	.00	0	0
=====							
DEPT 34	CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP						
=====							
DEPT 34	TOTALS		.00	0	.00	0	0
=====							

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FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
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			.00	0	.00	0	1,255,400
=====							
FUND 03 TOTALS			10,589.13-	22,900-	10,589.13-	22,900-	582,300
=====							

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FUND 05 PUBLIC BENEFIT FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT MONTH	CURRENT 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

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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
=====							

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Wastewater Report, May 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.

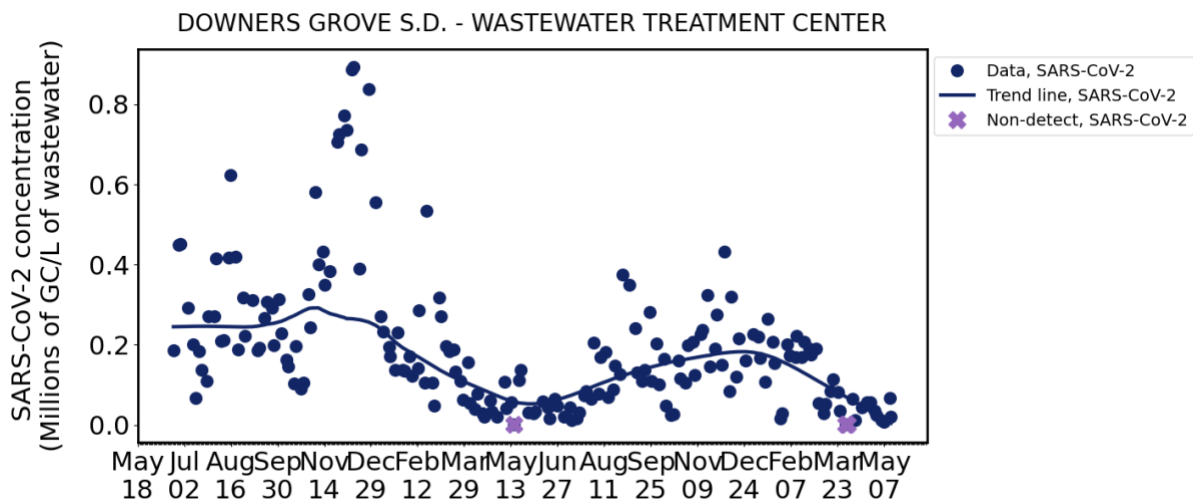


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater.

SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)
2024-05-14	19,875

2024-05-13	66,375
2024-05-07	8,400
2024-05-05	12,525
2024-04-30	23,925
2024-04-28	35,475
2024-04-24	56,850
2024-04-21	57,525

SARS-CoV-2 LINEAGES IN WASTEWATER

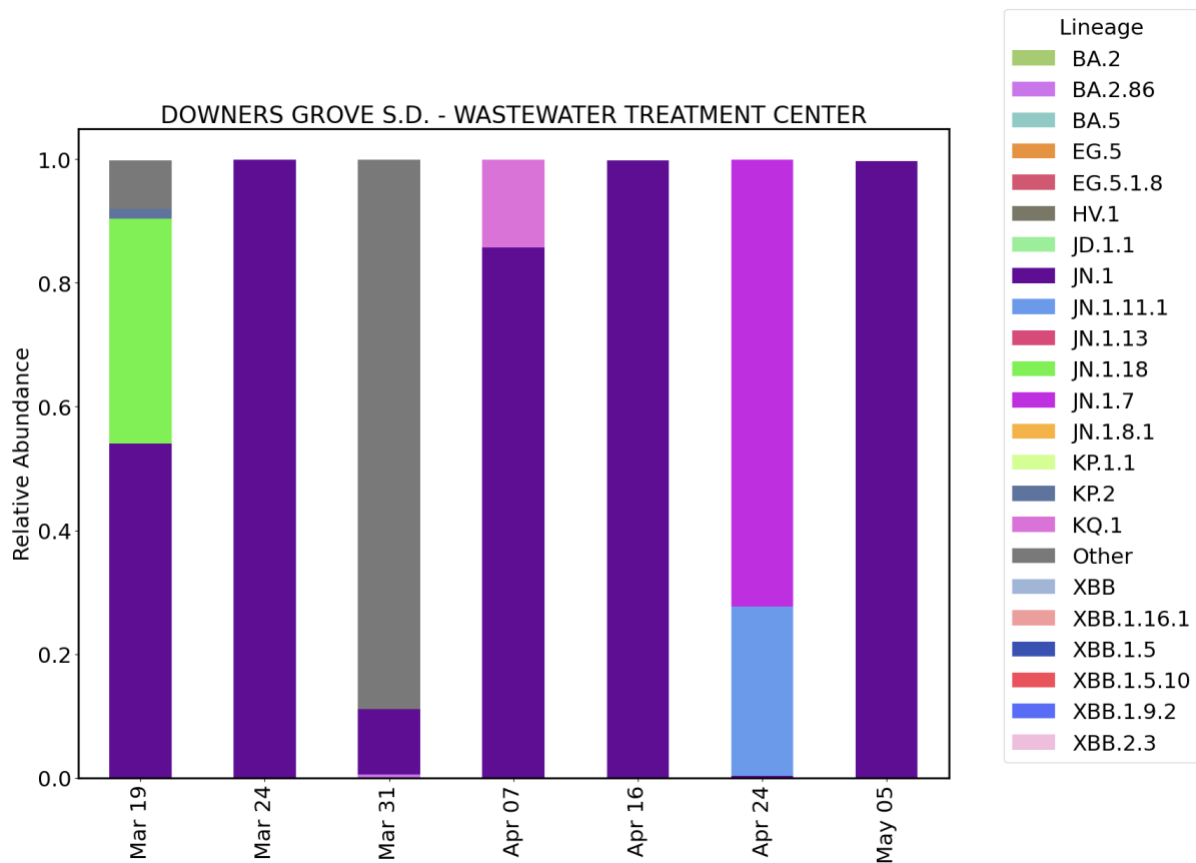


Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.

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.

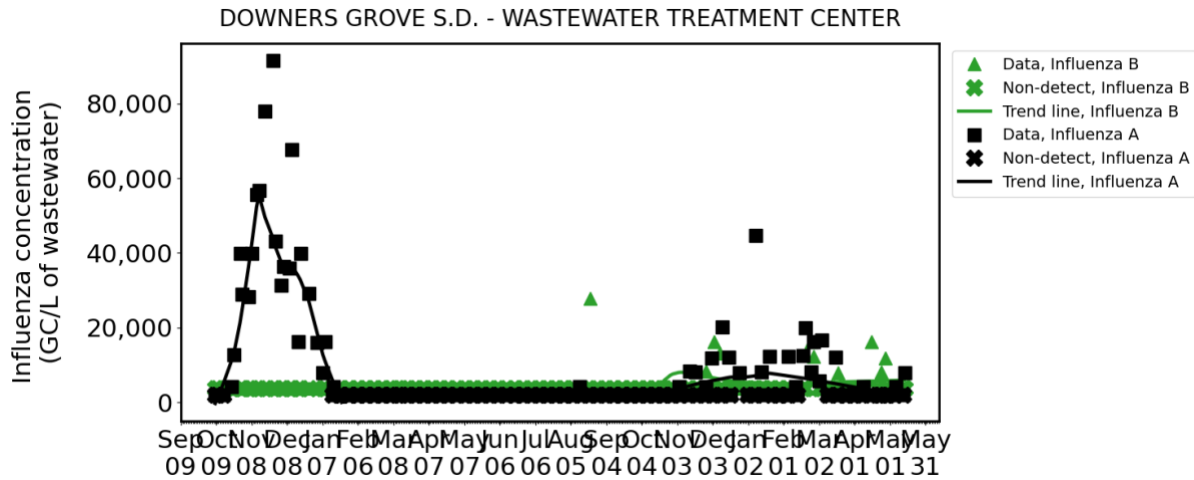


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater.

INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2024-05-14	7,950	Non-detect
2024-05-13	Non-detect	Non-detect
2024-05-07	4,200	Non-detect
2024-05-05	Non-detect	Non-detect
2024-04-30	Non-detect	Non-detect
2024-04-28	Non-detect	11,850
2024-04-24	Non-detect	8,100
2024-04-21	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.

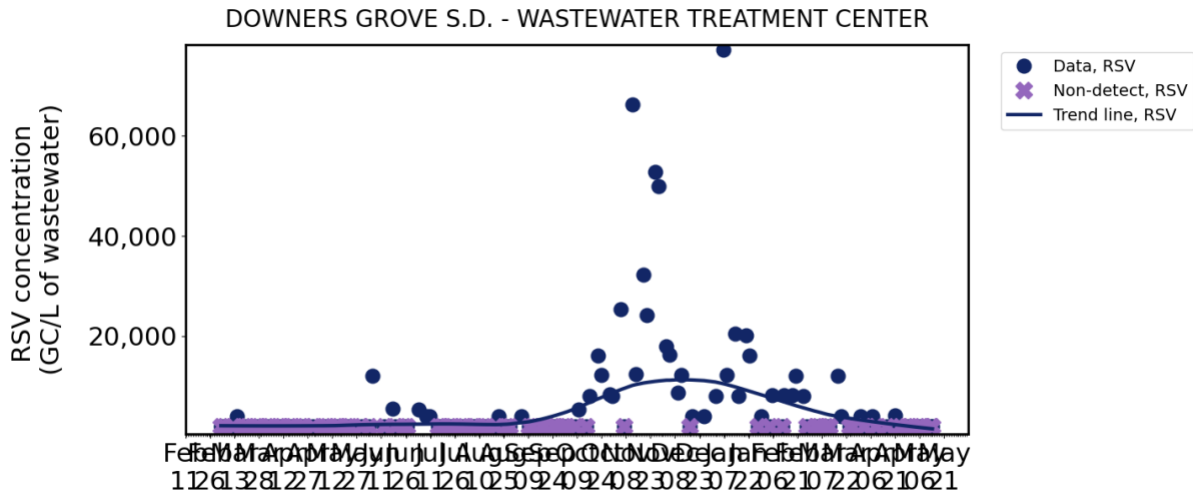


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater.

RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2024-05-14	Non-detect
2024-05-13	Non-detect
2024-05-07	Non-detect
2024-05-05	Non-detect
2024-04-30	Non-detect
2024-04-28	Non-detect
2024-04-24	Non-detect
2024-04-21	4,125

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.



Personnel

Interviews will be held next week for the Summer Clerical position. If you know of anyone interested in summer work, please direct them to our site to apply.

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

Employee Luncheon

Calendar invites were sent to all employees for the upcoming Employee Luncheon. This is being held on June 5 from 11:30 am – 1:30 pm. The Administration Center will be closed during that time so all employees can attend. We are serving food from Cozzi Corner for lunch and there will be games and raffles for employees to participate in. We look forward to seeing everyone there!

Workshop for Team Effectiveness

Calendar invites were also sent out to employees for their scheduled day for the Team Effectiveness Workshop hosted by Lew Bender. Please accept that invite so that it is put in your calendar for planning. Below is the schedule. Lunch will be provided for this as it is planned to run from 8:30 am – 2:30 pm. We think everyone will benefit from this and enjoy their time with Lew.

Wednesday, June 19

Administration Department (Carly Shaw)
Operations (Marc Majewski)
Laboratory (Reese Berry)

Thursday, June 20

Maintenance (Nick Whitefleet)
Sewer System Maintenance (Todd Freer)
Sewer System Construction (Keith Shaffner)
Safety Coordinator (Amy Underwood)

Group Health Insurance & Flexible Spending Plan

The open enrollment period ended on 5/17 for Flex Spending and 5/24 for Group Health. If you did not submit anything for the Flex Spending, you have not been enrolled. If you did not submit anything for Group Health, you will remain under the same plan as you had for plan year 2023-2024. If you ever have questions regarding the plans, please contact Amy or Catherine with Alera Group. Their contact information is below.

Amy Abell – amy.abell@aleragroup.com (224) 436-3367

Catherine Loney – Catherine.loney@aleragroup.com (847) 508-5964

Decennial Committees on Local Government Efficiency Act

We thank all employees for their participation in the interviews conducted by NIU for the analysis of the District.

Hypochlorite Nomenclature

Employees have historically referred to the sodium hypochlorite used for disinfection at the plant as “chlorine”. The presenter at the recent Alexander Chemical Safety Training which several employees attended indicated that calling it “chlorine” could confuse first responders causing them to arrive in an emergency prepared to deal with gaseous chlorine rather than sodium hypochlorite. We are asking staff to stop using the term “chlorine” when referring to sodium hypochlorite. Safety Coordinator Jessie Gwozdz will be changing the description in the District’s SDS database/digital binder accordingly.

Top Health

The June issue of 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) 001 Outfall Pipe Repair

Shrub planting has been completed.

2) Centex Lift Station Replacement

The contractor’s landscaper was on site this week.

3) Venard Force Main Replacement

A Preconstruction Meeting was held on May 24. Work is expected to start the week of June 10.

4) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays and reporting, and District staff continues to review the new displays.

5) WWTC Combustible Gas Detection and Alarm System

At the May 21 Board meeting, the Board awarded the project to Connelly Electric, who is the apparent lowest responsible and responsive bidder.

6) First Responder Radio Enhancement

The quote provided by Chicago Communications to complete the work is under review.

7) Painting

Secondary Clarifier #8, Intermediate Clarifier #2 and the Hobson Lift Station drywell and the generator enclosure will be painted this year. The contract was advertised for bids on May 16. Bids will be opened on June 12.

8) 2024 Sewer Rehabilitation (Outfall, Powell, and Ogden CIPP)

Cured-In-Place Pipe (CIPP) will be used to rehabilitate 1,960 feet of the Outfall 001 pipe, 1,400 feet of sewer on Powell Street and 250 feet of sewer on Ogden Ave. Baxter & Woodman has started the design. The project will be advertised for bids on June 13.

9) SCADA PLC Replacement

The PLC equipment will be replaced inside the following control panels: Blower Building, Blower Building Tunnel, Grit Building and Administration Center. Concentric has started the design.

Personnel

An offer has been made to a candidate for the summer clerical position. We are awaiting their acceptance.

Employee Luncheon

We hope everyone enjoyed the employee luncheon held on June 5. It was great seeing everyone relax and enjoy some games with co-workers. Congratulations to the raffle winners! If anyone has ideas on future lunches or events, they would like to see us do, please send those to Carly Shaw or Michelle Jasso.

Workshop for Team Effectiveness

As a reminder, calendar invites were sent out to employees for their scheduled day for the Team Effectiveness Workshop hosted by Lew Bender. Please accept that invite so that it is put in your calendar for planning. Below is the schedule. We will be ordering box lunches from Jimmy Johns for the attendees each day. Please be sure to put in your orders through the employee portal by Monday, June 17 by noon.

Wednesday, June 19

Administration Department (Carly Shaw)
Operations (Marc Majewski)
Laboratory (Reese Berry)

Thursday, June 20

Maintenance (Nick Whitefleet)
Sewer System Maintenance (Todd Freer)
Sewer System Construction (Keith Shaffner)
Safety Coordinator (Amy Underwood)

Timekeeping Software

We continue to work with the implementation team at Andrews Technology to ensure proper configuration of the new timekeeping software. Due to some scheduling issues, we will likely postpone the go live date into July. There will be training for the supervisors and employees prior to going live. We will keep you posted on when, how, and where that training will occur as soon as we have that information.

Hypochlorite Nomenclature

Employees have historically referred to the sodium hypochlorite used for disinfection at the plant as “chlorine”. The presenter at the recent Alexander Chemical Safety Training which several employees attended indicated that calling it “chlorine” could confuse first responders causing them to arrive in an emergency prepared to deal with gaseous chlorine rather than sodium hypochlorite. We are asking staff to stop using the term “chlorine” when referring to sodium hypochlorite. Safety Coordinator Jessie Gwozdz will be changing the description in the District’s SDS database/digital binder accordingly.

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 finishing the punchlist.

2) Venard Force Main Replacement

Work started this week.

3) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays and reporting, and District staff continues to review the new displays.

4) WWTC Combustible Gas Detection and Alarm System

The District is in the process of getting the agreement, bonds and insurance from the contractor.

5) First Responder Radio Enhancement

Chicago Communications will be starting the design next week.

6) Painting

Secondary Clarifier #8, Intermediate Clarifier #2 and the Hobson Lift Station drywell and the generator enclosure will be painted this year. Bids were opened on June 12. Staff will recommend that the Board award the contract to the lowest responsible and responsive bidder, G.P. Maintenance.

7) 2024 Sewer Rehabilitation (Outfall, Powell, and Ogden CIPP)

Cured-In-Place Pipe (CIPP) will be used to rehabilitate 1,960 feet of the Outfall 001 pipe, 1,400 feet of sewer on Powell Street and 250 feet of sewer on Ogden Ave. The project was advertised for bids on June 13.

8) SCADA PLC Replacement

The PLC equipment will be replaced inside the following control panels: Blower Building, Blower Building Tunnel, Grit Building and Administration Center. Concentric is working on the design.

9) 2024 Sanitary Sewer Televising

The project was advertised for bids on June 13.

Amy Underwood

From: Nancy Cinatl <ncinatl@theconservationfoundation.org>
Sent: Tuesday, June 11, 2024 6:04 PM
To: Amy Underwood
Subject: DRSCW 2024-25 Membership Dues
Attachments: DGSD Inv 595.pdf; DG Sanitary District Agency Profile 2024.docx; DRSCW W-9 2024.pdf

Dear Ms Underwood:

This has sure been a big year for the DRSCW due to the long-anticipated removal of the Fullersburg Woods Dam and the publication of the Nutrient Implementation Plan (NIP). As we continue into another year of applying our science-based approach to improve our local waterways, I want to thank you for your continued membership and support.

The removal of the Fullersburg Woods Dam on Salt Creek was the culmination of 15 years of diligent work by our members and staff. The project grew out of the Illinois EPA's 2004 DO Total Maximum Daily Loads (TMDL) document. The TMDL's central recommendation was that POTWs on the East Branch DuPage River and Salt Creek should halve their CBOD5 and ammonia allocations, perhaps supplemented by removing the dams at Oak Meadows, Fullersburg Woods and Churchill Woods Forest Preserves. Subsequent modelling by the DRSCW calculated that the POTW reductions, despite their extreme cost, would have only a modest impact on DO. It also became clear that the waterways' DO, biological and habitat problematic slumps were associated with the low head dams. For example, biological mapping found that the Fullersburg Dam eliminated 16 fish species on Salt Creek and had the lowest habitat and invertebrate scores on the river. Removal of the dam addressed all these key issues at a fraction of the TMDL's projected implementation costs.

The NIP, released at the end of 2023, set an instream goal for total phosphorous (TP) and a pathway to meet that goal by reasonably balancing environmental protection and local government resources based on our extensive study of our waterways. Negotiations with the regulatory officials for the timing to implement the findings through a forthcoming NPDES permit condition are on-going.

Additionally, your membership dues support:

- Continued development and analysis of a comprehensive water quality monitoring of local waterways.
- Implementation of critical projects to improve long term waterway health to meet the aquatic life goals of the Clean Water Act.
- A unified local voice in state and federal regulation development.
- Fulfillment of a number of NPDES permit requirements for both stormwater and waste water, including chlorides management and water quality monitoring

By being a member of the DRSCW you are supporting this cost-effective, stakeholder-led initiative to improve the quality of our region's waterways. Please return the attached Agency Membership Profile with your annual dues and fees payment provided in the form of an invoice. Please contact Nancy Cinatl at ncinatl@theconservationfoundation.org or 630-428-4500 x120 with any questions.

Thank you for being a member of the DRSCW. Please find attached your membership dues invoice for fiscal year 2024-25.

Sincerely,



David Gorman, President
DuPage River Salt Creek Workgroup

Nancy Cinatl
The Conservation Foundation
10 S 404 Knoch Knolls Road

Naperville, IL 60565
P 630-428-4500 Ext. 120



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