

DOWNERS GROVE SANITARY DISTRICT  
GENERAL MANAGER'S REPORT  
September 20, 2024

September Board Meeting

Copies of documentation for the following agenda items are enclosed for the September 24, 2024, meeting:

- 1) Proposed Agenda
- 2) Minutes of the August 20, 2024, regular meeting
- 3) Claim Ordinance 1941
- 4) Memo regarding opening an investment account with Charles Schwab
- 5) Progress Report on Facility Plan

BOLI Meeting

There is no BOLI meeting this month.

Decennial Committee Meeting

There is a Decennial Committee meeting scheduled for 6:00 a.m. on September 24, 2024. The meeting will be at the District Admin Center in the Board Room. The packet for that meeting is enclosed.

Operations Reports

Copies of the following are enclosed for August operations:

- 1) Progress Report from Carly on Administrative Services activities.
- 2) The WWTC Operations Report from Marc.
- 3) The WWTC/Lift Station Maintenance Report from Nick.
- 4) Progress Report from Todd on Sewer System Maintenance activities.
- 5) Progress Report from Keith on Sewer System Construction and Code Enforcement activities.
- 6) Progress Report from Reese on Laboratory activities.
- 7) Engineering Report

Safety

The Safety Committee met on August 27<sup>th</sup>.

One safety report was closed related to adding grit tape to the rungs of a fixed ladder. The snow removal written program has been completed.

The “caution chlorine” signs on the Hypochlorite Building and Sand Filter Building have been replaced to correctly indicate the chemicals inside. In addition to replacing the chlorine signs on those two buildings, a new chemical-identifying sign was added to the Bisulfite Building.



#### Financial

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

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

#### Meetings

I attended the following meetings since the August 16, 2024, General Manager’s report:

- August 28 attended DRSCW meeting in Lombard. Larry also attended.
- August 30 attended IAWA monthly Nutrient Subcommittee meeting
- September 5 attended IAWA Biosolids and PFAS Subcommittee meeting
- September 13 attended IWSS Monthly Engagement meeting
- September 17 – 19 attended IAWA 100<sup>th</sup> Annual Meeting in Moline. Carly Shaw and Mark Eddington also attended.
- September 20 attended DGEDC Board of Directors meeting in Downers Grove

#### Miscellaneous

Copies of the following items are enclosed:

- 1) August 18 thank you email from Waubensee Community College
- 2) August 2024 DGSD WWTC wastewater reports of SARS-CoV-2, influenza A & B and RSV levels
- 3) General Manager’s Report to the Employees dated August 23 and September 6 and 20
- 4) September 9 Daily Herald editorial on the Graue Mill dam removal

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

**DOWNERS GROVE SANITARY DISTRICT  
BOARD OF TRUSTEES MEETING  
SEPTEMBER 24, 2024 – 7:00 PM  
BOARD ROOM**

**PROPOSED AGENDA**

- I. APPROVAL OF MINUTES
  - A. REGULAR MEETING – AUGUST 20, 2024
- II. APPROVAL OF CLAIM ORDINANCE NO. 1941
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
  - A. APPROVAL TO OPEN INVESTMENT ACCOUNT WITH CHARLES SCHWAB
- VI. FACILITY PLAN UPDATE
- VII. BOARD PACKET QUESTIONS AND COMMENTS

**PUBLIC COMMENT:**

The District has an online form for the Public who cannot attend the meeting to submit public comment. District staff shall read aloud any received public comments during the Public Comment portion of the meeting. Public comments for Public not attending the meeting in person need to be submitted before 4:00 p.m. on September 24, 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, August 20, 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, Accounting Assistant Sue Testin and Information Coordinator Alyssa J. Caballero. Courtney Mohr from Lauterbach & Amen, LLP also attended.

### Minutes of Regular Meeting – July 16, 2024

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

### Recapture Agreement - 60th Street Sewer Extension

Staff presented a Recapture Agreement between the District and property owner, Thomas Elliot. The Agreement is for a sanitary sewer extension on 60th Street between Fairview Avenue and Cumnor Road in Downers Grove. A motion was made by Trustee Eddington seconded by Trustee Wang approving the Recapture Agreement for the sanitary sewer extension on 60th Street between Fairview Avenue and Cumnor Road in Downers Grove and authorizing the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

### Claim Ordinance No. 1940

A motion was made by Trustee Wang seconded by Trustee Eddington adopting Claim Ordinance No. 1940 in the total amount of \$930,347.48 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.) General Manager Underwood indicated the payment to Midwest Environmental appears twice in the Claim Ordinance, in both the standard and manual check registers, and that staff will not send the duplicate check (#065017).

### Public Comment - None

### New Business

### Audit Report for Fiscal Year 2023-2024

Courtney Mohr, auditor with the firm of Lauterbach & Amen, LLP, presented the Annual Financial Report for Fiscal Year 2023-2024. She reviewed the report, the notes to the financial statements and the supplemental information. A motion was made by Trustee Eddington seconded by Trustee Wang accepting the Annual Financial Report for Fiscal Year 2023-2024 as presented. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)



## Operations Report – Investments

General Manager Underwood presented an operations report reviewing the District's investments. The report reviewed the District's investment policy and its primary objectives, authorized investments, internal controls, general ledger details, recent investment history and data, and future changes to be considered.

## Annexation Ordinance AO 2024-05 – 5905 Fairview Avenue, Downers Grove

Staff presented Annexation Ordinance No. AO 2024-05 for the annexation of a single-family lot located at 5905 Fairview Avenue, Downers Grove. A motion was made by Trustee Wang seconded by Trustee Eddington accepting the Petition for Annexation, adopting Annexation Ordinance No. AO 2024-05 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.).

## Open House Arrangements

Staff presented the invitation, map, invitation list and press release for the annual Open House to be held on October 5, 2024 focusing on the District's laboratory. The invitations will be mailed and emailed August 28, and press releases will be distributed to local papers shortly thereafter. The Board concurred with staff's recommendation.

## Resolution of Appreciation for Employee Service

General Manager Underwood presented a Resolution of Appreciation for Dwayne Carpenter for more than 20 years of dedicated service to the District. A motion was made by Trustee Wang seconded by Trustee Eddington to pass the resolution. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

## Review of Prior Executive Session Minutes

The Board reviewed the minutes of executive sessions held on January 16, 2024, which have not previously been made available for public inspection or not previously reviewed. A motion was made by Trustee Eddington seconded by Trustee Wang determining that the need for confidentiality no longer exists as to the executive session minutes of January 16, 2024. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.) A motion was made by Trustee Eddington seconded by Trustee Wang approving destruction of the verbatim record of the executive sessions held on January 17, 2023 and February 14, 2023 as provided by state statute. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

## Facility Plan Update

General Manager Underwood reviewed the Facility Plan updates for July which included an updated payment request to Concentric and WWTC performance data and sewer condition and overflow data was sent to B&W to be analyzed.

## Questions and Comments

General Manager Underwood discussed the two fecal coliform excursions that happened in July. Also discussed was the Sanitary Sewer Overflow or Bypass Notification Summary report for IL EPA for the Wroble Lift Station Force Main air release valve leak.

Trustee Eddington congratulated Dwayne Carpenter on his upcoming retirement. He also congratulated the District for receiving the 2023 Silver Award for Peak Performance from the National Association of Clean Water Agencies (NACWA).

Trustee Wang expressed his appreciation for the annual audit. He also congratulated Dwayne Carpenter on his upcoming retirement. He expressed that he is looking forward to the upcoming annual open house. He is interested to find out what Nissen discovers on the CHP oil leak, noted in Maintenance Supervisor Whitefleet's monthly report. Trustee Wang commented on the facility plan and investment presentation. He also noted the go-live date for the new accounting software.

Trustee Sejnost congratulated Nick Whitefleet on his 10 years of service with the District and Dwayne Carpenter on his upcoming retirement. She inquired about the status of the sewer system technician position. She noted the timekeeping and accounting software replacement updates. She noted the two fecal coliform excursions. Trustee Sejnost inquired about the CHP engine oil leak and the visit with Nissen, noted in Maintenance Supervisor Whitefleet's monthly report. Lastly, she noted the collaboration with the high school student from Illinois Math and Science Academy, noted in Laboratory Supervisor Berry's monthly report.

A motion was made by Trustee Eddington seconded by Trustee Wang to adjourn the regular meeting at 9:03 p.m. The motion carried.

Approved: September 24, 2024

\_\_\_\_\_  
President

Attest: \_\_\_\_\_  
Clerk

Downers Grove, Illinois

Date: September 24, 2024

Claim Ordinance No. 1941

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 **\$635,691.11** being in words and figures as follows:

PAYROLL END DATE: 07.20.24  
PAYROLL PAID DATE: 07.26.24  
GL DATE: 08.31.24

GENERAL LEDGER RECAP  
DATE 07/23/24 PERIOD END 07/20/24 PAGE 7

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		83942.11-
01-00.2000	FEDERAL TAX WITHHELD		13353.57-
01-00.2001	STATE TAX WITHHELD		6066.78-
01-00.2002	SOCIAL SECURITY WITHHELD		9901.53-
01-00.2003	IMRF WITHHELD		5730.75-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		6346.15-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		401.53-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		168.31-
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		490.53-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		473.09-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		38.35-
01-11.A003	GENERAL MANAGEMENT	10773.98	
01-11.A004	FINANCIAL RECORDS	8429.99	
01-11.A005	ADMINISTRATIVE RECORDS	2586.90	
01-11.A007	CODE ENFORCEMENT	12910.57	
01-11.A008	SAFETY ACTIVITIES	1805.27	
01-12.A006	ENGINEERING	719.00	
01-12.A009	OPERATIONS MANAGEMENT	4909.76	
01-12.A011	MAINTENANCE - WWTC	16149.15	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	72.53	
01-12.A014	MAINTENANCE - ELECTRICAL	9024.66	
01-12.A021	WWTC - OPERATIONS	19041.60	
01-12.A022	WWTC - SLUDGE HANDLING	6916.49	
01-12.A023	WWTC - ENERGY RECOVERY	40.91	
01-12.A030	BUILDING AND GROUNDS	3983.40	
01-13.A009	OPERATIONS MANAGEMENT	4600.86	
01-13.A041	LAB - WWTC	5911.50	
01-13.A047	LAB - MICRO	8.05	
01-13.A048	LAB - ENERGY RECOVERY	264.67	
01-14.A006	ENGINEERING	404.62	
01-14.A051	SEWER MAINTENANCE	12420.83	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	465.49	
01-14.A061	INSPECTION - NEW CONSTRUCTION	775.22	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	1441.28	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	728.72	
01-14.A064	INSPECTION - MISCELLANEOUS	510.70	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	945.88	
01-14.A066	INSPECTION - CODE ENFORCEMENT	3653.46	
01-14.A072	SEWER INVESTIGATIONS	1047.47	
01-15.A006	ENGINEERING	91.18	
01-15.A009	OPERATIONS MANAGEMENT	556.09	
01-15.A080	LIFT STATION MAINTENANCE	600.00	
		131790.23	131790.23-

PAYROLL END DATE: 08.03.24  
PAYROLL PAID DATE: 08.09.24  
G/L DATE: 08.31.24

GENERAL LEDGER RECAP  
DATE 08/08/24 PERIOD END 08/03/24 PAGE 7

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		79900.47-
01-00.2000	FEDERAL TAX WITHHELD		12542.61-
01-00.2001	STATE TAX WITHHELD		5791.94-
01-00.2002	SOCIAL SECURITY WITHHELD		9469.88-
01-00.2003	IMRF WITHHELD		5505.17-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		5977.80-
01-00.2017	VOLUNTARY GROUP LIFE		224.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		438.84-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		168.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1771.57-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		261.50-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		625.37-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		584.86-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		38.35-
01-11.A003	GENERAL MANAGEMENT	7636.12	
01-11.A004	FINANCIAL RECORDS	9984.83	
01-11.A005	ADMINISTRATIVE RECORDS	1868.55	
01-11.A007	CODE ENFORCEMENT	13976.82	
01-11.A008	SAFETY ACTIVITIES	2662.94	
01-12.A006	ENGINEERING	664.86	
01-12.A009	OPERATIONS MANAGEMENT	4547.05	
01-12.A011	MAINTENANCE - WWTC	13201.29	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	340.28	
01-12.A014	MAINTENANCE - ELECTRICAL	7759.70	
01-12.A021	WWTC - OPERATIONS	16967.21	
01-12.A022	WWTC - SLUDGE HANDLING	7246.23	
01-12.A030	BUILDING AND GROUNDS	3596.63	
01-13.A009	OPERATIONS MANAGEMENT	4600.86	
01-13.A041	LAB - WWTC	5912.82	
01-13.A042	LAB - PRETREATMENT	237.45	
01-13.A048	LAB - ENERGY RECOVERY	216.38	
01-14.A006	ENGINEERING	284.94	
01-14.A051	SEWER MAINTENANCE	14369.82	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	400.00	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	18.68	
01-14.A066	INSPECTION - CODE ENFORCEMENT	6191.92	
01-15.A006	ENGINEERING	237.45	
01-15.A009	OPERATIONS MANAGEMENT	265.95	
01-15.A080	LIFT STATION MAINTENANCE	2848.89	
		126037.67	126037.67-

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
ACE HARDWARE	A000095	08/27/24	337605	01-12.B116	GRILLING SUPPLIES	9.99	9.99	065022
ACI Payments Inc.	A000096	08/16/24	1000122113	01-11.B110	OLR FEES	28.40	28.40	106023
ADVOCATE OCCUPATIONAL HEALTH	A000150	09/04/24	860542	01-14.B117	DRUG TEST	70.00	70.00	065023
ALEXANDER CHEMICAL CORPORATION	A000200	08/30/24	85822	01-12.B401	SODIUM HYPOCHLORITE	7251.44	7251.44	106024
ALLAN J COLEMAN	A000245	09/03/24	0306313	01-14.B116	CENTER GUIDES	250.39	250.39	065024
ALTORFER INDUSTRIES, INC.	A000292	08/17/24	P6AC01208023	01-12.B513	EMERG GEN MAINTENANCE	938.65	938.65	106025
Amazon Business	A000296	09/03/24	136RRGTL7RV4	01-12.B113	FACE SHIELD REPLACEMENT	58.26		
		08/21/24	19QF71QND33W	01-14.B116	MOUSE REPELLENT	49.45		
		09/09/24	1CF36FNR37JC	01-14.B117	BM BOOTS	119.95		
		09/06/24	1DMFQDFJJWVT	01-14.B115	CLEAN OUT PLUGS	39.54		
		08/15/24	1F37KWR19M1Y	01-12.B116	HEAVY DUTY CLEANER	316.92		
		09/07/24	1Q1336YJRK4	01-12.B509	PUMP FILTER REPLACEMENT	36.89		
		08/16/24	1QKV4YYCCM6R	01-12.B112	HEADPHONE ADAPTER	62.95		
		09/10/24	1XTGWLMM3T6V	01-14.B117	DC BOOTS	178.25		
		08/19/24	1XWP1MD7TMNT	01-11.B113	EYE WASH KIT	37.68	899.89	106026
		08/31/24	351045	01-11.B118	ADMIN CTR WINDOW CLEANING	65.00	65.00	106027
AMERICAN NATIONAL SKYLINE	A000320	08/31/24	351045	01-11.B118	ADMIN CTR WINDOW CLEANING	65.00	65.00	106027
		09/13/24	02576662831	01-11.C225	BELT/ALTERNATOR	269.93		
		09/13/24	02576662844	01-11.C225	CREDIT	40.00-		
		09/13/24	02576662950	01-11.C225	CREDIT	202.94-		
		08/19/24	2576645117	01-12.B116	BRAKE CLEANER	149.40		
		08/22/24	2576647461	01-12.B512	GOLF CART ROOF BULB	4.78		
		08/30/24	2576653007	01-12.B812	RUSTOLEUM PAINT	20.00		
		09/04/24	2576656295	01-11.C225	SHOP TOWELS/CLEANER	12.65		
		09/05/24	2576657148	01-11.C225	SENSORS	61.98		
		09/06/24	2576657943	01-11.C225	IGNITION COIL REPLACEMENT	157.40		
BAXTER & WOODMAN, INC.	B000120	09/09/24	2576660048	01-11.C225	CREDIT	49.99-	383.21	065025
		08/19/24	0262366	01-11.B124	FLOW MONITORING	1024.41		
		08/19/24	0262373	01-13.B124	PRETREATMENT ASSIST 2024	1377.50		
		08/19/27	0262389	01-14.B902	ROGERS ST SEWER REPLACE	2094.25		
		08/19/24	0262400	01-14.B903	OUTFALL CIPP	418.75		
		08/19/24	0262407	01-11.B124	FACILITY PLAN	18990.00	23904.91	106028
		08/15/24	9145520	01-12.B116	SCRUBBING SPONGES	20.10		
		08/15/24	9145523	01-12.B116	DETERGENT	76.44		
		08/20/24	9159241	01-12.B116	MSB SUPPLIES	352.00		
		08/26/24	9177291	01-12.B116	DETERGENT	87.09		
BradyIFS	B000319	08/26/24	9177298	01-12.B116	INSECTICIDE	72.00		
		09/11/24	9230287	01-12.B116	MSB SUPPLIES	378.01		
		09/11/24	9230360	01-12.B116	MSB SUPPLIES	87.60-	898.04	106029
		08/20/24	AA2R93X	01-15.B520	BUTTERFLD LS UPS BATTERY	207.16		
		08/20/24	AA2R93X	01-15.B522	COLLEGE LS UPS BATTERY	207.16		
		08/20/24	AA2R93X	01-15.B523	EARLSTON LS UPS BATTERY	207.16		
		08/20/24	AA2R93X	01-15.B524	HOBSON LS UPS BATTERY	207.16		
		08/20/24	AA2R93X	01-15.B525	LIB PARK LS UPS BATTERY	207.16		
		08/20/24	AA2R93X	01-15.B526	NORTHWEST LS UPS BATTERY	207.16		
		08/20/24	AA2R93X	01-15.B527	VENARD LS UPS BATTERY	207.16		
CDW GOVERNMENT, INC.	C000020	08/20/24	AA2R93X	01-15.B528	WROBLE LS UPS BATTERY	207.14	1657.26	106030

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CSWEA	C000060	09/04/24	15A1F09A0003	01-12.B117	OPERATOR TRAINING WEBINAR	200.00	200.00	106071
CHEM-WISE ECOLOGICAL	C000190	06/07/24	1255698	01-11.B118	ADMIN CTR PEST TREATMENT	245.00		
		09/03/24	1289260	01-11.B118	ADMIN CTR TREATMENT	105.00		
		09/03/24	1289260	01-12.B812	PLANT TREATMENT	200.00	550.00	106031
CINTAS #344	C000300	08/20/24	4202612882	01-12.B117	PLANT UNIFORMS	178.25		
		08/20/24	4202612882	01-14.B117	SS UNIFORMS	42.08		
		09/03/24	4203975687	01-12.B117	PLANT UNIFORMS	113.16		
		09/03/24	4203975687	01-14.B117	SS UNIFORMS	42.08		
		09/10/24	4204689771	01-12.B117	PLANT UNIFORMS	105.37		
		09/10/24	4204689771	01-14.B117	SS UNIFORMS	42.08		
		08/27/24	4208826441	01-12.B117	PLANT UNIFORMS	105.37		
		08/27/24	4208826441	01-14.B117	SS UNIFORMS	42.08	670.47	065026
CLOUDMELLOW	C000333	09/01/24	243729	01-11.B115	MONTHLY WEB HOSTING	95.00	95.00	065061
COMCAST	C000373	09/03/24	877120120055	01-11.B112	BACK UP INTERNET	144.85	144.85	065027
Comcast	C000375	09/03/24	001001464698	01-11.B112	INTERNET SERVICE	830.21	830.21	065028
MACMUNNIS, INC.	C000379	09/10/24	2021	01-15.B826	2021 EASEMENT PROP TAX	148.34	148.34	106032
COMED	C000380	08/15/24	0464955000	01-15.B100	COLLEGE LS ELECTRIC	314.06		
		08/15/24	0771764000	01-15.B100	LIBERTY PARK LS ELECTRIC	307.77		
		08/15/24	1557021222	01-15.B100	EARLSTON LS ELECTRIC	234.30		
		08/15/24	2334423333	01-15.B100	NORTHWEST LS ELECTRIC	1028.32		
		08/26/24	2764819000	01-12.B100	BIG TOP ELECTRIC	26.14		
		08/15/24	3843274000	01-15.B100	HOBSON LS ELECTRIC	1894.30		
		08/15/24	4675132222	01-15.B100	WROBLE LS ELECTRIC	853.36		
		08/22/24	6828085000	01-15.B100	VENARD LS ELECTRIC	376.67		
		08/26/24	8159307000	01-12.B100	WALNUT HSE ELECTRIC	95.85		
		08/26/24	8159307000	01-14.B910	BSSRAP PROGRAM	97.88		
		08/15/24	9286103000	01-15.B100	BUTTERFIELD LS ELECTRIC	186.17		
		07/29/24	9492723333	01-12.B100	PLANT ELECTRIC	12.77		
		07/29/24	9492723333 1	01-11.B100	MARCH ADMIN CTR ELECTRIC	235.29		
		07/29/24	9492723333 1	01-12.B100	MARCH PLANT ELECTRIC	7702.54		
		08/26/24	9492723333 2	01-11.B100	APRIL ADMIN CTR ELECTRIC	223.41		
		08/26/24	9492723333 2	01-12.B100	APRIL PLANT ELECTRIC	7580.33		
		08/29/24	9492723333 4	01-11.B100	JUNE ADMIN CTR ELECTRIC	209.19		
		08/29/24	9492723333 4	01-12.B100	JUNE PLANT ELECTRIC	9113.63		
		05/18/24	9492723333 5	01-11.B100	JAN ADMIN CTR ELECTRIC	121.99		
		05/18/24	9492723333 5	01-12.B100	JAN PLANT ELECTRIC	13082.18		
CONCENTRIC INTEGRATION, LLC	C000410	08/27/24	9493723333 3	01-11.B100	MAY ADMIN CTR ELECTRIC	251.09		
		08/27/24	9493723333 3	01-12.B100	MAY PLANT ELECTRIC	9018.61	52965.85	065029
		08/19/24	0262368	01-12.B513	SCADA SFTWRE RPLC PHS 2	3385.00		
		08/19/24	0262370	01-12.B513	WWTP PLC UPGRADES PHS 3	5197.50		
		08/19/24	0262382	01-11.B115	2024-2025 MANAGED SUPPORT	2434.00		
CONSERV FS	C000418	08/19/24	0262382	01-12.B513	2024-2025 MANAGED SUPPORT	3651.00	14667.50	106033
		08/31/24	6434128	01-12.B812	GRASS SEED	173.50	173.50	065030
COVERALL NORTH AMERICA, INC	C000557	09/01/24	1010733284	01-11.B118	ADMIN CTR CLEANING	489.00	489.00	106034
CURTIS MARTIN GROUP, INC.	C000660	07/22/24	9032	01-11.B115	PROGRAM DATA CONVERSION	1320.00		
		08/30/24	9034	01-11.B115	PROGRAMMING	600.00	1920.00	106035

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
DANIEL MCCORMICK, P. C.	D000035	09/03/24	16	01-11.B124	LEGAL SERVICES	405.00	405.00	065031
DELTA SONIC	D000220	08/23/24	0018307	01-11.C225	ADMIN CAR WASHES	8.33		
		08/23/24	0018307	01-12.C225	PLANT CAR WASHES	8.33		
		08/23/24	0018307	01-14.C225	SS CAR WASHES	24.99	41.65	065032
THE REINALT-THOMAS CORPORATION	D000260	09/11/24	44524333	01-11.C225	VEHICLE TIRE REPLACEMENT	356.80	356.80	065033
VILLAGE OF DOWNERS GROVE	D000480	08/15/24	16001	01-11.B121	METER READINGS	491.12		
		08/31/24	C20272700	01-12.B102	PLANT WATER	2549.40		
		08/31/24	C20272710	01-11.B102	ADMIN CTR WATER	111.62	3152.14	065034
DRIVESHAFT UNLIMITED, INC.	D000525	09/06/24	92152	01-12.B505	RAW SEW PUMP OVERHAUL	985.00	985.00	065035
DUPAGE COUNTY RECORDER	D000620	07/18/24	40578230	01-11.B121	SEWER LIEN RELEASES	171.00		
		08/05/24	40581935	01-11.B121	SEWER LIEN RELEASES	114.00	285.00	065036
DYNEGY ENERGY SERVICES	D000800	09/07/24	030160133351	01-15.B100	VENARD LS ELECTRIC	244.59		
		09/04/24	030320048213	01-15.B100	COLLEGE LS ELECTRIC	187.81		
		08/20/24	030560020555	01-15.B100	COLLEGE LS ELECTRIC	302.34		
		08/20/24	030560020559	01-15.B100	LIBERTY PARK LS ELECTRIC	236.36		
		09/04/24	030560021771	01-15.B100	EARLSTON LS ELECTRIC	137.48		
		09/04/24	030720015271	01-15.B100	WROBLE LS ELECTRIC	608.42		
		08/20/24	031040005188	01-15.B100	EARLSTON LS ELECTRIC	199.14		
		08/20/24	031120005157	01-15.B100	WROBLE LS ELECTRIC	733.16		
		08/20/24	031440002719	01-15.B100	BUTTERFIELD LS ELECTRIC	156.51		
		09/04/24	031440003339	01-15.B100	BUTTERFIELD LS ELECTRIC	123.55		
		08/20/24	031600002466	01-15.B100	VENARD LS ELECTRIC	338.83	3268.19	106036
ECONOTEMP	E000007	08/28/24	01	01-12.B811	FURNACE RPLC DUCTWORK	310.00	310.00	065062
EXODUS TECHNOLOGY SERVICE	E000480	08/19/24	24155	01-11.B124	JULY IT SERVICES	3087.50	3087.50	065037
EYE MED VISION CARE	E000600	09/01/24	166445130	01-17.E455	VISION INSURANCE	441.91	441.91	065038
FirstComm	F000136	09/06/24	127062461	01-11.B112	ADMIN CTR PHONES	266.44		
		09/06/24	127062461	01-12.B112	PLANT PHONES	331.96		
		09/06/24	127062461	01-13.B112	LAB PHONES	62.42		
		09/06/24	127062461	01-14.B112	SS PHONES	174.57	835.39	065063
FIRST ENVIRONMENTAL LAB	F000140	08/21/24	185578	01-13.B123	AUGUST MONTHLY NPDES	117.60		
		09/12/24	186049	01-13.B123	FALL 2024 INDUSTRIAL	132.60	250.20	106037
Foster's Test Lane	F000270	07/29/24	46482	01-14.C225	VEHICLE IDOT INSPECTIONS	92.00	92.00	065039
G COOPER OIL COMPANY INC.	G000005	08/14/24	249745	01-12.B116	OIL DRUMS	1770.92	1770.92	065040
GEORGE'S LANDSCAPING	G000260	09/01/24	AUGUST 2024	01-11.B118	ADMIN CTR MOW/TRIM	580.80		
		09/01/24	AUGUST 2024	01-12.B812	PLANT MOW/TRIM	3989.65		
		09/01/24	AUGUST 2024	01-15.B526	NORTHWEST LS MOWING	191.45		
		09/01/24	AUGUST 2024	01-15.B527	VENARD LS MOWING	191.45		
		09/01/24	AUGUST 2024	01-15.B528	WROBLE LS MOWING	191.45		
		09/01/24	AUGUST 2024	01-15.B820	BUTTERFIELD LS MOWING	191.45		
		09/01/24	AUGUST 2024	01-15.B821	CENTEX LS MOWING	191.45		
		09/01/24	AUGUST 2024	01-15.B823	EARLSTON LS MOWING	191.45		
		09/01/24	AUGUST 2024	01-15.B824	HOBSON LS MOWING	191.45		
		09/01/24	AUGUST 2024	01-15.B825	LIB PARK LS MOWING	191.45	6102.05	106038
W. W. GRAINGER, INC.	G000520	08/15/24	9217697896	01-12.B113	MENS HIP WADERS	79.20		
		08/16/24	9218420173	01-12.B117	AC OUTERWEAR	272.80		
		08/19/24	9220817846	01-12.B113	SAFETY SUPPLIES	127.40		



===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		08/19/24	9221570055	01-12.B813	PIPE MARKERS	33.15		
		08/19/24	9221570063	01-12.B113	FACE SHIELDS	52.22		
		08/21/24	9223542409	01-12.B116	TIRE PRESSURE GAUGE	11.19		
		08/21/24	9224322967	01-12.B113	TANK SIGNAGE SUPPLIES	32.94		
		08/22/24	9225075655	01-12.B512	ELECTRICAL SUPPLIES	15.24		
		08/23/24	9226241793	01-12.B512	SHOP PIPE THREADER	7149.00		
		08/23/24	9227054435	01-12.B512	MSB SUPPLIES	47.54		
		08/26/24	9227566420	01-12.B116	FLOOR CLEANER	49.44		
		08/26/24	9228024833	01-11.B118	ADMIN DOOR CHIME BATTERY	2.37		
		08/26/24	9228024841	01-12.B116	ABSORB OIL PADS	136.10		
		08/26/24	9228106598	01-12.B512	MSB SUPPLIES	27.24		
		08/28/24	9231056731	01-12.B116	1/2 GAL BUCKETS	63.76		
		08/28/24	9231056749	01-15.B524	HOBSON PUMP RPLC PARTS	136.37		
		09/03/24	9235520070	01-12.B113	DISPOSABLE GLOVES	153.20		
		09/04/24	9237227351	01-12.B812	OPS CTR VENT FAN BELT	13.74		
		09/05/24	9238562954	01-12.C225	FLEET VEH MAINT SUPPLIES	32.96		
		09/12/24	9246081898	01-12.B113	SAFETY SUPPLIES	20.16		
		09/12/24	9246081898	01-12.B512	RIGGING EQUIPMENT	130.17		
		09/12/24	9246876263	01-12.B509	WATER PRESSURE VALVE	84.26	8670.45	106039
HACH COMPANY	H000040	08/19/24	14154829	01-13.B115	LAB EQUIPMENT	2249.10	2249.10	106040
HOME DEPOT	H000400	09/03/24	0022210	01-12.B512	MSB SUPPLIES	29.94		
		08/14/24	0221379	01-15.B821	CENTEX TOP SOIL	40.18		
		09/12/24	1012784	01-12.B802	HANDY HOOK	6.84		
		08/23/24	1622825	01-14.B910	BUCKET/PLASTIC SHEETING	23.94		
		08/22/24	2041022	01-12.B506	PRIM 2 VLV 3 RPR PIPE	58.12		
		09/11/24	2053532	01-12.B512	TOILET TANK LEVER	5.98		
		08/20/24	4021172	01-12.B116	TOOLS	67.51		
		09/09/24	4058319	01-14.B116	SS SUPPLIES	233.57		
		08/19/24	5021109	01-12.B505	BAR SCREEN RPR PARTS	5.50		
		08/29/24	5021943	01-12.B811	FURNACE RPLC SUPPLIES	130.69		
		08/19/24	5051535	01-12.B512	MSB SUPPLIES	100.35		
		09/05/24	8022657	01-12.B505	DRIVESHAFT REMOVAL ROPE	22.98		
		09/04/24	9012329	01-12.B512	MSB SUPPLIES	64.98	790.58	065041
INFOSEND, INC.	I000415	08/27/24	269661	01-11.B121	PO BOX REMOVAL FROM BILLS	175.00		
		08/30/24	269882	01-11.B121	MAILING SERVICES	5692.55		
		09/16/24	271084	01-11.B121	ADDITIONAL POSTAGE	2093.76	7961.31	106041
JSN Contractors Supply	J000027	09/06/24	87324	01-14.B116	GREEN/WHITE MARKING PAINT	453.60		
		09/11/24	87344	01-14.B116	BLACK MARKING PAINT	50.40	504.00	065042
JOHNSTONE SUPPLY	J000140	08/23/24	S101710177	01-12.B811	FURNACE	1459.00	1459.00	106042
JUST TIRES	J000300	08/17/24	000042525	01-12.C225	ELECTRICAL TRK TIRE RPLC	179.37	179.37	065043
KANSAS CITY LIFE INSURANCE CO	K000045	09/01/24	1647017	01-17.E455	LIFE INSURANCE	412.50	412.50	106043
KARA COMPANY INC.	K000053	09/05/24	385564	01-14.B116	WIRE FLAGS	135.74	135.74	106044
LAI, LTD	L000012	09/13/24	245124S	01-12.B509	BED VALVE	1251.00		
		09/13/24	245142AS	01-12.B512	WAS VLV ACTUATOR	5278.00		
		09/13/24	245142S	01-12.B506	PRM 6 VLV ACTUATOR	5278.00	11807.00	106045
LAUTERBACH & AMEN, LLP	L000070	08/26/24	94681	01-11.B124	AUDIT FINAL BILLING	2000.00	2000.00	106046

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
MCCROMETER INC.	M000337	08/23/24	609321	01-14.B115	FLOW METER REPAIRS	11194.00	11194.00	065064
MCMASTER-CARR SUPPLY COMPANY	M000360	08/16/24	31880124	01-12.B505	DUMPSTER CASTOR RPLC	102.80		
		08/20/24	32039216	01-12.B513	CHP 1 HEAT EXC GASKET	42.17		
		08/21/24	32110823	01-12.B513	CHP 1 HEAT EXC GASKET	78.39	223.36	106047
MENARDS - BOLINGBROOK	M000430	08/19/24	74561	01-12.B116	MSB SUPPLIES	36.49		
		08/19/24	74561	01-12.B512	MSB SUPPLIES	56.43		
		08/20/24	74607	01-12.B512	TRUCK SUPPLIES	23.97		
		08/28/24	74999	01-11.B118	ADMIN CTR BACKHALL RUNNER	63.28		
		09/10/24	75609	01-12.B113	TANK SIGNAGE SUPPLIES	299.70		
		09/10/24	75609	01-15.B829	LIFT STATION SUPPLIES	101.44		
		09/11/24	75679	01-12.B512	BIOFILTER TUBING	68.79	650.10	065044
METAL SUPERMARKETS	M000470	07/19/24	1038102	01-12.B505	BAR SCREEN MATERIALS	134.85	134.85	065045
MIDAMERICA ADMINISTRATIVE	M000556	08/28/24	0267713	01-17.E455	HRA FUNDING ADMIN FEES	186.00	186.00	106048
NACWA	N000005	09/05/24	83680	01-11.B137	MEMBERSHIP DUES	1100.00	1100.00	065046
NCPERS GROUP LIFE INSURANCE	N000010	09/01/24	3266102024	01-00.2017	VOLUNTARY LIFE INSURANCE	224.00	224.00	106049
NAPA AUTO PARTS	N000040	08/28/24	4343905966	01-12.B116	WINDSHIELD WASHER SOLVENT	29.64		
		09/13/24	4343908294	01-11.C225	ALTERNATOR	257.49	287.13	065047
NEUCO, INC.	N000260	08/30/24	7993617	01-12.B812	STOCK THERMOSTAT	225.15		
		09/10/24	8012327	01-12.B513	METAL DRIVE SLEEVE	48.16	273.31	106050
NICOR GAS	N000330	08/14/24	15876210004	01-12.B101	PLANT GAS	169.89		
		08/14/24	44976210003	01-12.B101	PLANT 2 GAS	56.97		
		08/14/24	87801017812	01-12.B101	WALNUT HSE GAS	44.36	271.22	065048
NISSEN ENERGY INC	N000350	07/25/24	416	01-12.B513	CREDIT	4937.03-		
		08/20/24	427	01-12.B513	CHP 1 & 2 ENGINE OIL	4846.00		
		08/30/24	430	01-12.B513	CHP 1 TRBLSHT/STOCK PARTS	2743.20		
		08/31/24	434	01-12.B513	CHP ENGINE COIL	295.00	2947.17	106051
O'HARE TOWING SERVICE	O000270	09/01/24	2900041	01-14.B115	SS VEHICLE TOW	574.28	574.28	065049
P&G KEENE	P000037	09/06/24	235954	01-12.B513	CHP 1 & 2 SPARE STARTER	1015.00	1015.00	065050
PETTY CASH	P000350	09/16/24	CASH BOX	01-11.B116	PICTURE FRAME	12.99		
		09/16/24	CASH BOX	01-11.B117	EVENT REGISTRATION	20.00		
		09/16/24	CASH BOX	01-11.B119	POSTAGE	13.50	46.49	065051
PORTABLE JOHN, INC	P000410	09/11/24	289417	01-12.B812	PORTABLE JOHN	173.89	173.89	106052
PORTER PIPE AND SUPPLY CO.	P000420	08/20/24	1284871100	01-12.B510	DIG 4/5 PIPE MOD PARTS	800.76		
		08/21/24	1285031400	01-12.B510	DIG 4/5 PIPE MOD PARTS	159.41	960.17	106053
PRINCIPAL LIFE INSURANCE CO	P000650	09/01/24	109309910001	01-17.E455	DENTAL INSURANCE	3059.33	3059.33	106054
QUADIENT LEASING	Q000250	08/23/24	Q1474275	01-11.B115	POSTAGE MACHINE LEASE	641.04	641.04	106055
RED WING SHOE STORE	R000180	09/11/24	150214	01-12.B117	EB BOOTS	229.49		
		09/10/24	202409100154	01-12.B117	ST BOOTS	178.49	407.98	106056
REPUBLIC SERVICES	R000264	08/31/24	055101601734	01-12.B102	GRIT SCREEN DUMPSTER	915.02	915.02	065052
ROWELL CHEMICAL CORPORATION	R000400	08/20/24	1411717	01-12.B404	BULK DENSE SODA ASH	1029.00	1029.00	106057
CARLY SHAW	S000305	07/12/24	REIMBURSE	01-11.B137	NEWSLETTER EMAILS	110.00		
		08/12/24	REIMBURSE 2	01-11.B137	NEWSLETTER EMAILS	110.00		
		09/12/24	REIMBURSE 3	01-11.B137	OPEN HOUSE EMAILS	110.00	330.00	106058
SHERWIN-WILLIAMS CO.	S000320	09/04/24	19705	01-12.B812	CREDIT	180.51-		
		09/04/24	19713	01-12.B809	CREDIT	179.12-		
		09/04/24	19721	01-12.B802	CREDIT	179.12-		

\*\*VOIDING SHERWIN WILLIAMS CHECK - CREDIT EXCEEDS TOTAL OF CHECK\*\*

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		08/26/24	53864	01-12.B812	TOUCH UP PAINT	296.99	241.76-	106059
SMARTSIGN	S000432	08/15/24	SMT751492	01-12.B113	SAFETY SIGNS	87.32	87.32	065053
SOLENIIS LLC	S000450	08/29/24	133108029	01-12.B402	WAS THICKENER POLYMER	3192.84	3192.84	106060
STAPLES INC.	S000640	08/16/24	6010751169	01-11.B116	POCKET FOLDERS	58.86		
		08/27/24	6010751171	01-11.B116	HAND SOAP	226.15		
		08/27/24	6010751171	01-12.B116	BINDER/HAND SOAP	213.75		
		08/23/24	6010751172	01-11.B116	OFFICE SUPPLIES	71.58		
		08/26/24	6010751173/4	01-11.B116	CFOLD TOWELS/TOILET PAPER	105.11		
		08/29/24	6010751175	01-11.B118	CHAIR MATS	190.80		
		08/29/24	6010751175	01-14.B116	CHAIR MATS	39.85		
		08/29/24	6010751176	01-11.B116	OFFICE SUPPLIES	39.78	945.88	106061
STEPHENS PLUMBING AND	S000680	08/20/24	274496	01-14.B910	SHEAR REPAIR	498.80		
		09/05/24	275058	01-14.B910	SHEAR REPAIR	648.00	1146.80	065054
STEVENSON CRANE SERVICE, INC.	S000720	08/30/24	298387	01-15.B524	PUMP 4 OVERHAUL	900.00	900.00	106062
SUNBELT RENTALS	S000799	08/09/24	157867114000	01-12.B116	GRILL PROPANE	22.99	22.99	065065
SUBURBAN DOOR CHECK & LOCK	S000850	08/28/24	572975	01-15.B520	BUTTERFIELD DRY WELL KEY	15.00		
		08/08/24	IN572392	01-12.B116	KEY CLIP	3.99	18.99	106063
TELCO BILL CENTER	T000155	09/16/24	4769	01-12.B112	ELEVATOR PHN SERVICE	32.10	32.10	106064
TERRACE SUPPLY COMPANY	T000250	08/31/24	0001061748	01-12.B116	CYLINDER RENTAL	47.12		
		08/27/24	0071051464	01-12.B512	SHOP MIG WELDER	4300.89	4348.01	106065
USABLUBOOK	U000150	08/26/24	00464290	01-12.B116	SKIMMER RAKE	129.31		
		08/26/24	00464424	01-12.B116	SKIMMER RAKE POLE	39.15		
		08/26/24	00464495	01-12.B116	SKIMMER RAKE EXTENSION	39.15		
		08/26/24	00464495	01-12.B402	POLYMER CLEANER	221.63		
		08/29/24	00468539	01-13.B115	PROBE MODULE	772.04		
		09/12/24	00481729	01-13.B114	BROTH	987.84		
		09/12/24	00481758	01-13.B114	SODIUM HYDROXIDE	26.71		
		09/12/24	00481821	01-13.B114	LAB SUPPLIES	549.52		
		09/12/24	00481920	01-13.B114	NITRATE IONIC ADJUSTER	116.91		
		09/12/24	00481924	01-13.B114	BROTH TUBES	47.48		
		09/12/24	00482004	01-13.B114	LAB CHEMICALS	2236.51		
		09/12/24	00482004	01-13.B116	LAB SUPPLIES	353.80	5520.05	065055
UNITED PARCEL SERVICE	U000300	07/13/24	00003Y009128	01-13.B116	SHIPPING SERVICES	238.75		
		09/14/24	0003Y0091374	01-13.B116	SHIPPING SERVICES	120.33	359.08	065056
UNO CONSTRUCTION CO., INC.	U000450	08/31/24	AUGUST 2024	01-14.B910	BSSRAP PROGRAM	64338.66	64338.66	106066
VERIZON WIRELESS	V000135	09/01/24	542042856 2	01-12.B112	PLANT TABLETS	165.45		
		09/01/24	542042856 2	01-14.B112	SS TABLETS	30.06		
		09/01/24	542042856 2	01-15.B112	LS TABLETS	36.01		
		09/01/24	542042956	01-11.B112	ADMIN CELL PHONES	215.29		
		09/01/24	542042956	01-12.B112	PLANT CELL PHONES	927.17		
		09/01/24	542042956	01-13.B112	LAB CELL PHONES	155.70		
		09/01/24	542042956	01-14.B112	SS CELL PHONES	484.61		
		08/28/24	785846626	01-12.B112	RAIN GAUGE	68.49		
		08/28/24	785846626	01-15.B112	LS REMOTE COMS	269.52	2352.30	065057
VILLA PARK ELECTRICAL SUPPLY	V000145	08/23/24	26889602	01-11.B118	ADMIN EXT LIGHTING PARTS	214.81	214.81	065058
WAGNER COMMUNICATIONS, INC	W000070	09/01/24	000033967301	01-11.B112	ANSWERING SERVICE	405.68	405.68	106067

\*\*

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
WASTE MANAGEMENT SERVICES, INC.	W000170	09/05/24	002913320095	01-12.B102	GARBAGE/RECYCLING	545.24	545.24	106072
WESTFAX	W000350	09/01/24	1466118	01-11.B112	FAXING SERVICE	8.99	8.99	106068
WEST SIDE TRACTOR SALES CO.	W000380	08/21/24	N57213	01-12.B501	FILLER CAP	104.67		
		09/11/24	N58103	01-12.B501	LOADER CUTTING EDGE	265.11		
		08/28/24	V10901	01-12.B501	JD SKID STEER REPAIRS	3836.03	4205.81	065059
VILLAGE OF WESTMONT	W000450	08/22/24	1456	01-11.B121	METER READINGS	370.01	370.01	065060
						=====	=====	
Total Payments:						282181.84	282181.84	
ACH Payments Total:						182883.85	.00	
Check Payments Total:						99297.99	282181.84	

01 GENERAL FUND MANUAL CHECK REGISTER FOR 09/24/24

Date: 09/20/24  
Time: 9:57am

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
AUTOZONE - AZ COMMERCIAL	A000600	08/26/24	MULTIPLE	01-12.B116	MSB SUPPLIES	29.73		
		08/26/24	MULTIPLE	01-12.B505	BAR SCR N 1 DEGREASER	38.36		
		08/26/24	MULTIPLE	01-12.B513	PUMP BATTERY	68.99		
		08/26/24	MULTIPLE	01-14.C225	TRANSIT BRAKE REPLACEMENT	104.99	242.07	065019
CHASE	B000050	08/26/24	EMPLPR081724	01-00.2000	FEDERAL TAX WITHHELD	12796.37		
		08/26/24	EMPLPR081724	01-00.2002	EMPL SOC SEC WITHHELD	9607.99		
		08/26/24	EMPLPR081724	01-17.E461	EMPLR SOC SEC WITHHELD	9607.96	32012.32	106007
CHASE	B000050	08/31/24	EMPLPR083124	01-00.2000	FEDERAL TAX WITHHELD	12887.52		
		08/31/24	EMPLPR083124	01-00.2002	EMPL SOC SEC TAX	9578.84		
		08/31/24	EMPLPR083124	01-17.E461	EMPLR SOC SEC TAX	9578.75	32045.11	106013
CHASE	B000050	09/11/24	EMPLAG083124	01-00.2000	FEDERAL TAX WITHHELD	85.00		
		09/11/24	EMPLAG083124	01-00.2002	EMPL SOC SEC TAX	30.60		
		09/11/24	EMPLAG083124	01-17.E461	EMPLR SOC SEC TAX	30.60	146.20	106019
TED CHERWAK	C000220	09/18/24	REIMBURSE	01-17.E455	INSURANCE REIMBURSE	838.40	838.40	065021
D.G. SANIT DIST #XXXXXXXXX1117	D000400	09/24/24	REIMBURSE	01-00.1001	PAYROLL REIMBURSEMENT	163842.58	163842.58	106020
D.G. SANIT DIST #XXXXXXXXX1114	D000420	09/24/24	USER REFUND	01-05.3001	USER REFUNDS	3058.51	3058.51	106017
D.G. SANIT DIST #XXXXXXXXX1112	D000440	09/16/24	REIMBURSE	01-11.B120	EMBROIDERY	64.00		
		09/16/24	REIMBURSE	01-12.B512	ELECTRICAL SUPPLIES	121.01		
		09/16/24	REIMBURSE	01-14.B910	RODDING FEE REFUND	1304.93	1489.94	106021
DUPAGE CREDIT UNION	D000650	08/26/24	EMPLPR081724	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	106006
DUPAGE CREDIT UNION	D000650	08/31/24	EMPLPR083124	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	106012
EVERYTHING BRANDED	E000365	08/15/24	EB103680	01-11.B120	SQUEEZIES FOR OPEN HOUSE	810.62		
		08/15/24	EB103680	01-12.B116	SQUEEZIES FOR OPEN HOUSE	810.63	1621.25	106010
HEALTH CARE SERVICE CORP.	H000190	08/28/24	165585	01-17.E455	HEALTH INSURANCE	48754.50	48754.50	106005
ILLINOIS DEPARTMENT OF REVENUE	I000240	08/26/24	EMPLPR081724	01-00.2001	STATE TAX WITHHELD	5881.24	5881.24	106008
ILLINOIS DEPARTMENT OF REVENUE	I000240	08/31/24	EMPLPR083124	01-00.2001	STATE TAX WITHHELD	5879.83	5879.83	106014
ILLINOIS MUNICIPAL	I000300	09/04/24	PENSION	01-00.2003	EMPL PENSION DEPOSIT	11068.79		
		09/04/24	PENSION	01-00.2014	EMPL VOL PENSION DEPOSIT	11880.50		
		09/04/24	PENSION	01-17.E460	EMPLR VOL PENSION DEPOSIT	14066.27	37015.56	106022
JOANNA KAPICA	K000052	08/29/24	REIMBURSE	01-05.3001	BILLING REIMBURSEMENT	659.27	659.27	065020
REPUBLIC SERVICES	R000264	08/15/24	055101600555	01-12.B102	WASTE CONTAINER RENTAL	75.98	75.98	065018
CARLY SHAW	S000305	08/20/24	REIMBURSE	01-11.B117	LEW PENDER SUP MEETING	118.14		
		08/20/24	REIMBURSE	01-14.B117	BM HOTEL	412.00	530.14	106002
TRANSAMERICA RETIREMENT	T000415	08/23/24	EMPLPR081724	01-00.2026	DEF COMP IPPFA	568.45		
		08/23/24	EMPLPR081724	01-00.2027	DEF COMP IPPFA ROTH	472.00		
		08/23/24	EMPLPR081724	01-00.2028	DEF COMP LOAN REPAY IPPFA	38.35	1078.80	106009
TRANSAMERICA RETIREMENT	T000415	08/31/24	EMPLPR083124	01-00.2026	DEF COMP IPPFA	553.49		
		08/31/24	EMPLPR083124	01-00.2027	DEF COMP IPPFA ROTH	472.00		
		08/31/24	EMPLPR083124	01-00.2028	DEF COMP IPPFA LOAN REPAY	1080.25	2105.74	106015
U.S. POSTAL SERVICE	U000130	08/23/24	REFILL	01-11.B119	POSTAGE METER REFILL	1000.00	1000.00	106011
WASTE MANAGEMENT SERVICES, INC.	W000170	07/03/24	002730520091	01-12.B102	GARBAGE/RECYCLING	545.24	545.24	106003
						=====	=====	
Total Payments:						344296.68	344296.68	
ACH Payments Total:						342480.96	.00	
Check Payments Total:						1815.72	344296.68	

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
BAXTER & WOODMAN, INC.	B000120	08/19/24	0262371	02-48.0504	VENARD FORCE MAIN CS	3991.95			
		08/19/24	0262395	02-49.0502	WROBLE FORCE MAIN REPAIR	1125.00	5116.95	106069	
							=====	=====	
		Total Payments:					5116.95	5116.95	
		ACH Payments Total:					5116.95	.00	
Check Payments Total:					.00	5116.95			

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	B000120	08/19/24	0262374	03-20.0504	CGD SYSTEM CS	2244.63		
		08/19/24	0262378	03-21.0501	BIOSOLIDS STUDY	1257.85	3502.48	106070
						=====	=====	
					Total Payments:	3502.48	3502.48	
					ACH Payments Total:	3502.48	.00	
					Check Payments Total:	.00	3502.48	

DATE \_\_\_\_\_

REVIEWED \_\_\_\_\_

TRUSTEE APPROVAL \_\_\_\_\_

PRESIDENT

CLERK

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		626478.52-
01-00.1001	CASH - PAYROLL ACCOUNT	163842.58	
01-00.2000	FEDERAL TAX WITHHELD	25768.89	
01-00.2001	STATE TAX WITHHELD	11761.07	
01-00.2002	SOCIAL SECURITY WITHHELD	19217.43	
01-00.2003	IMRF WITHHELD	11068.79	
01-00.2013	CREDIT UNION WITHHELD	5474.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	11880.50	
01-00.2017	VOLUNTARY GROUP LIFE	224.00	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	1121.94	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	944.00	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	1118.60	
01-05.3001	USER RECEIPTS	3717.78	
01-11.B100	ELECTRICITY	1040.97	
01-11.B102	WATER, GARBAGE AND OTHER UTILITIES	111.62	
01-11.B110	BANK CHARGES	28.40	
01-11.B112	COMMUNICATION	1871.46	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	37.68	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	5090.04	
01-11.B116	SUPPLIES	514.47	
01-11.B117	EMPLOYEE/DUTY COSTS	138.14	
01-11.B118	BUILDING AND GROUNDS	1956.06	
01-11.B119	POSTAGE	1013.50	
01-11.B120	PRINTING/PHOTOGRAPHY	874.62	
01-11.B121	USER BILLING MATERIALS	9107.44	
01-11.B124	CONTRACT SERVICES	25506.91	
01-11.B137	MEMBERSHIPS/SUBSCRIPTIONS	1430.00	
01-11.C225	OPERATION/REPAIR	831.65	
01-12.B100	ELECTRICITY	46632.05	
01-12.B101	NATURAL GAS	271.22	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	4630.88	
01-12.B112	COMMUNICATION	1588.12	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	910.40	
01-12.B116	SUPPLIES	4875.22	
01-12.B117	EMPLOYEE/DUTY COSTS	1382.93	
01-12.B401	CHEMICALS - DISINFECTION	7251.44	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	3414.47	
01-12.B404	CHEMICALS - OTHER	1029.00	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	4205.81	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	1289.49	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	5336.12	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	1372.15	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	960.17	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	17424.31	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	17372.03	
01-12.B802	BLDG AND GROUNDS - DISINFECTION		172.28-



G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B809	BLDG AND GROUNDS - SLUDGE DEWATERING		179.12-
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	1899.69	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	4912.41	
01-12.B813	BLDG AND GROUNDS - WWTC UTILITIES	33.15	
01-12.C225	OPERATION/REPAIR	220.66	
01-13.B112	COMMUNICATION	218.12	
01-13.B114	CHEMICALS	3964.97	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	3021.14	
01-13.B116	SUPPLIES	712.88	
01-13.B123	OUTSIDE LAB SERVICES	250.20	
01-13.B124	CONTRACT SERVICES	1377.50	
01-14.B112	COMMUNICATION	689.24	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	11807.82	
01-14.B116	SUPPLIES	1213.00	
01-14.B117	EMPLOYEE/DUTY COSTS	948.52	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	2094.25	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	418.75	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	66912.21	
01-14.C225	OPERATION/REPAIR	221.98	
01-15.B100	ELECTRICITY	8463.14	
01-15.B112	COMMUNICATION	305.53	
01-15.B520	EQPT/EQPT REPAIR - BUTTERFIELD	222.16	
01-15.B522	EQPT/EQPT REPAIR - COLLEGE	207.16	
01-15.B523	EQPT/EQPT REPAIR - EARLSTON	207.16	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	1243.53	
01-15.B525	EQPT/EQPT REPAIR - LIBERTY PARK	207.16	
01-15.B526	EQPT/EQPT REPAIR - NORTHWEST	398.61	
01-15.B527	EQPT/EQPT REPAIR - VENARD	398.61	
01-15.B528	EQPT/EQPT REPAIR - WROBLE	398.59	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	191.45	
01-15.B821	BLDG AND GROUNDS - CENTEX	231.63	
01-15.B823	BLDG AND GROUNDS - EARLSTON	191.45	
01-15.B824	BLDG AND GROUNDS - HOBSON	191.45	
01-15.B825	BLDG AND GROUNDS - LIBERTY PARK	191.45	
01-15.B826	BLDG AND GROUNDS - NORTHWEST	148.34	
01-15.B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL	101.44	
01-17.E455	EMPLOYEE GROUP HEALTH	53692.64	
01-17.E460	IMRF	14066.27	
01-17.E461	SOCIAL SECURITY	19217.31	
02-00.1000	CASH		5116.95-
02-48.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	3991.95	
02-49.0502	DESIGN ENGINEERING/ARCHITECTURAL	1125.00	
03-00.1000	CASH		3502.48-
03-20.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	2244.63	
03-21.0501	REPORT ENGINEERING/ARCHITECTURAL	1257.85	
=====			
**ADDED BACK SHERWIN WILLIAMS CHECK**		635449.35	635449.35-
		<u>+241.76</u>	<u>+241.76</u>
		635,691.11	635,691.11

Date: 09.16.24  
Due Date: 09.24.24  
Invoice #: Reimburse

Petty Cash Checking Reimbursement

D-440

Date	Purchased From	Description	Code	Amount	Ck No.
08.23.24	Timothy/Alyssa Kremtz	Rodding Fee Refund	14B910	430.20	3930
08.28.24	Addison Electric	Electrical Supplies	12B512	121.01	3931
08.30.24	A. Bitner/Briana Martindale	Rodding Fee Refund	14B910	444.53	3932
09.05.24	Elizabeth/Jonathan Kittner	Rodding Fee Refund	14B910	430.20	3933
09.10.24	Holy Cow Sports	Embroidery	11B120	64.00	3934

Total Receipts/Reimbursement 1489.94

Expense by code

14B910	1304.93
11B120	64.00
12B512	121.01

TOTAL	1489.94
-------	---------

Date: 09.16.24

Petty Cash Reimbursement

P - 350

Due Date: 09.24.24

Invoice #: Cash Box

Date	Purchased From	Reimbursed To	Description	Code	Amount
08.22.24	USPS	Kelly	Postage	11B119	1.60
09.12.24	Target	Carly	Picture Frame	11B116	12.99
09.13.24	USPS	Kelly	Postage	11B119	11.90
09.13.24	IWEA	Amy	Event Registration	11B117	20.00
			Total Receipts		46.49

Expense by code

11B119	13.50
11B117	20.00
11B116	12.99

TOTAL:	46.49
--------	-------

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: BOARD OF TRUSTEES

FROM: CARLY SHAW  
ADMINISTRATIVE SUPERVISOR

DATE: 09/12/24

RE: OPENING AN INVESTMENT ACCOUNT WITH CHARLES SCHWAB

The District's current investments consist of CD's and Money Market accounts that have been chosen by District staff based on the location of the financial institution and the rates they offer. We also have funds invested in the Illinois Funds Money Market account which has maintained an interest rate slightly higher than most other investment accounts we have over the last couple of years and provides liquidity of those funds should we need them for ongoing projects. We would like to simplify the process by having one platform to make multiple investments and to receive guidance from an investment advisor.

I reached out to both Charles Schwab and Fidelity to learn about their services and what types of opportunities they had available. Both offered similar online platforms used for building an investment portfolio with options that comply with the Illinois Public Funds Investment Act, and both have a self-directed investment option so that we maintain control of the investments. Fidelity stated that they would provide little consulting under this format. Schwab offers a hands-on approach as an investment advisor. The representative I spoke with at Schwab did indicate she has experience with public fund investing. There are no fees for opening an account or for the advisory services.

I am including the literature I received for the fixed income investments and liquidity management from Schwab as well as the profile of our representative that we would work with. Upon opening an account with Schwab part of the District's excess funds currently residing in the Illinois Funds Money Market account will be invested in different certificate of deposit accounts in increments of \$250,000 to remain at the FDIC insured limits, US Government Treasuries, or Money Market Mutual Funds which are backed by US Government Treasuries, all in compliance with the District's current policy and the Illinois Public Fund Investment Act. The amount placed in the account at any time will be determined by the Treasurer who is listed as the Chief Investment Officer in the District's Investment Policy.

I am seeking approval at the regular meeting on September 24, 2024, to open an investment account with Charles Schwab naming the General Manager, Amy R. Underwood and Treasurer, Carly Shaw as authorized users on the account and Board President Amy E. Sejnost to sign the Required Certificate of Authority and Corporate Resolution on the account application.

cc: KJR, RTJ, MJS, ARU, DM



charles  
SCHWAB

*Own your tomorrow.*

# Bonds, CDs, and other fixed income investments from Schwab

## **Access. Guidance. Value.**

Choose from a broad range of fixed income investments backed by online tools and support from dedicated specialists.



Fixed income investments such as bonds, certificates of deposit (CDs), and U.S. Treasuries can play a valuable role in achieving your financial goals. Schwab offers a broad spectrum of investments and customized guidance to help you make confident investment decisions.

---

#### Benefits of fixed income



Generate reliable income



Diversify your portfolio



Preserve capital



Potentially minimize taxes



## Access

With a broad selection of fixed income investments, you can structure your portfolio to help keep pace with your goals.

#### Our trading platform gives you:

- **Schwab BondSource®** broad access to various offers and dealers
- **Schwab CD OneSource®** for CDs from banks nationwide<sup>1</sup>
- **Bond mutual funds and bond exchange traded funds** from an array of providers
- **New issue access** to both corporate and municipal bonds from leading underwriters







## Guidance

We make it simple to choose the level of fixed income investing support that suits you.

### Speak with a dedicated Fixed Income Specialist

- Review and rebalance your portfolio
- Assist with defining your portfolio strategy or trades

### Use our online resources to help guide your fixed income investing

- Perspectives and practical guidance from the Schwab Center for Financial Research, [schwab.com/onbonds](http://schwab.com/onbonds)
- Research from Ned Davis and Credit Suisse; ratings reports from Moody's and DPC

### Choose a professionally managed fixed income portfolio

If you prefer to have an experienced advisor manage your portfolio, Schwab offers a range of solutions that can be tailored to your fixed income goals.



## Value

### Schwab pricing is straightforward and transparent

Schwab platform BondSource<sup>®</sup> automatically compares prices from multiple dealers and shows you the lowest price available to Schwab. We provide trade history and market depth to help you choose the right bond at the right price.

You are able to place online trades for new issue CDs and Treasuries at auction for no additional cost.<sup>2</sup>

### What you pay matters

Because the yield you earn on fixed income products is affected by the price paid, getting the lowest price and transaction costs can help you increase your return on a fixed income investment.

### Hypothetical bond: 3% interest, 5-year maturity

Dealer	Price	Yield to Maturity
A	\$100.00	3.00%
B	\$100.10	2.98%
C	\$101.50	2.68%

Sources: Schwab Center for Financial Research and Bloomberg. Assumes semi-annual coupon payments. For illustrative purposes only.

## Fixed income investing for your goals

Learn more at:

**[schwab.com/fixedincome](http://schwab.com/fixedincome)**

Contact a Fixed Income Specialist at:

**1-800-626-4600**

Monday–Friday

8:30 a.m.–6:00 p.m. ET

<sup>1</sup> Certificates of Deposit available through Schwab CD One Source offer a fixed rate of return, are FDIC insured, and are offered through Charles Schwab & Co., Inc.

<sup>2</sup> For new issue securities, a selling concession is included in the offering price.

Fixed income securities are subject to increased loss of principal during periods of rising interest rates. Investment value will fluctuate, and bonds, when sold, may be worth more or less than their original cost. Fixed income securities are subject to various other risks, including changes in interest rates and credit quality, market valuations, liquidity, prepayments, early redemption, corporate events, tax ramifications, and other factors.

Income may be subject to the alternative minimum tax (AMT), and capital appreciation from discounted bonds may be subject to state or local taxes. Capital gains are not exempt from federal income tax. Individual municipal bonds may not be tax-advantaged, depending on the bond issuer and your state of residence. Bonds issued in U.S. states and territories are exempt from federal taxes, as well as state taxes for the residents of the state of issue.

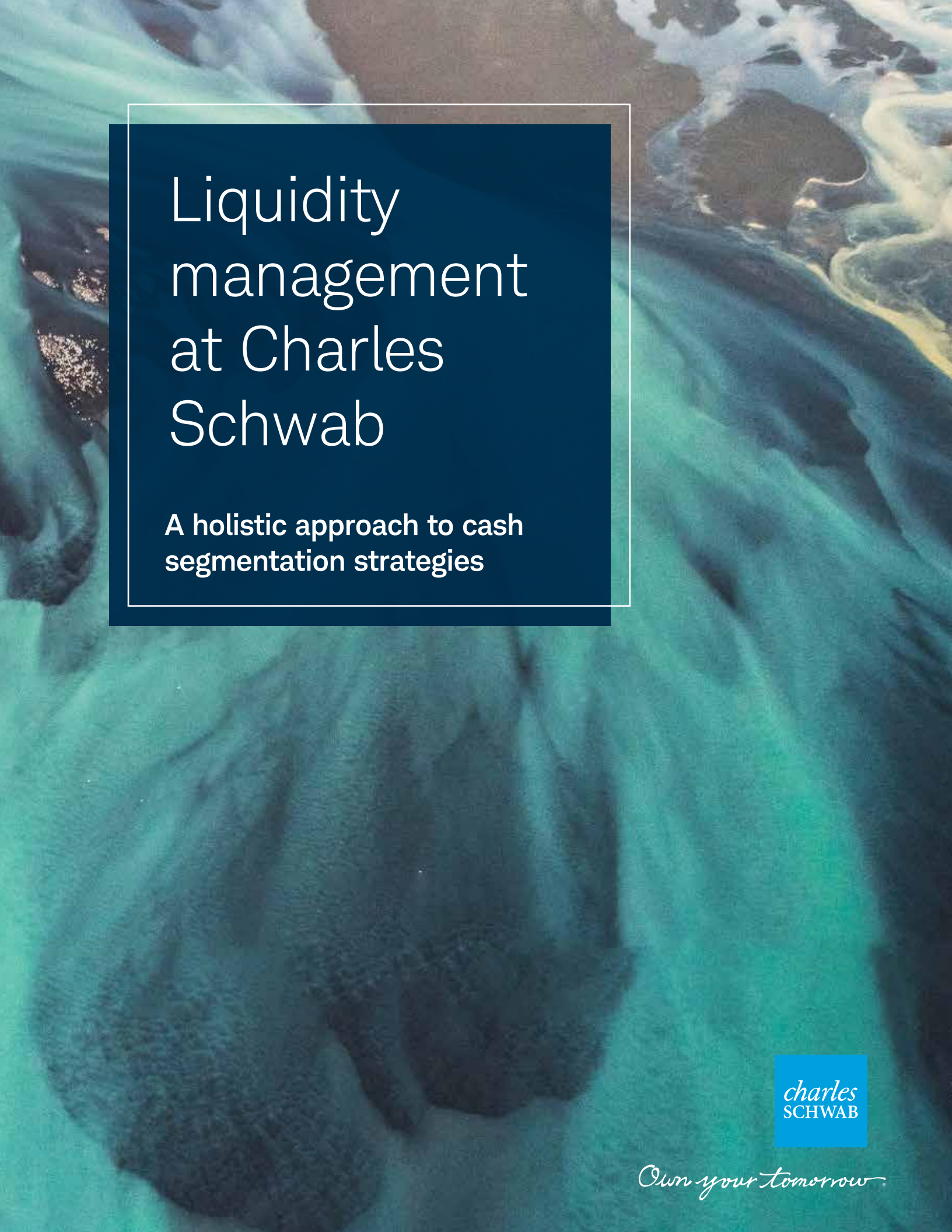
In the bond market, there is no centralized exchange or quotation service for most fixed income securities. Prices in the secondary market generally reflect activity by market participants or dealers linked to various trading systems. Bonds available through Schwab may be available through other dealers at superior or inferior prices compared to those available at Schwab. All prices are subject to change without prior notice. Schwab reserves the right to act as principal on any fixed income transaction, public offering, or securities transaction. When Schwab acts as principal, the bond price includes our transaction fee and may also include a markup that reflects the bid-ask spread and is not subject to a minimum or maximum. When trading as principal, Schwab may also be holding the security in its own account prior to selling it to you and, therefore, may make (or lose) money depending on whether the price of the security has risen or fallen while Schwab has held it. When Schwab acts as agent, a commission will be charged on the transaction.

Diversifying and rebalancing a portfolio cannot assure a profit or protect against a loss in any given market environment. Rebalancing may cause investors to incur transaction costs and, when rebalancing a non-retirement account, taxable events may be created that may affect your tax liability.

**Brokerage Products: Not FDIC-Insured • No Bank Guarantee • May Lose Value**





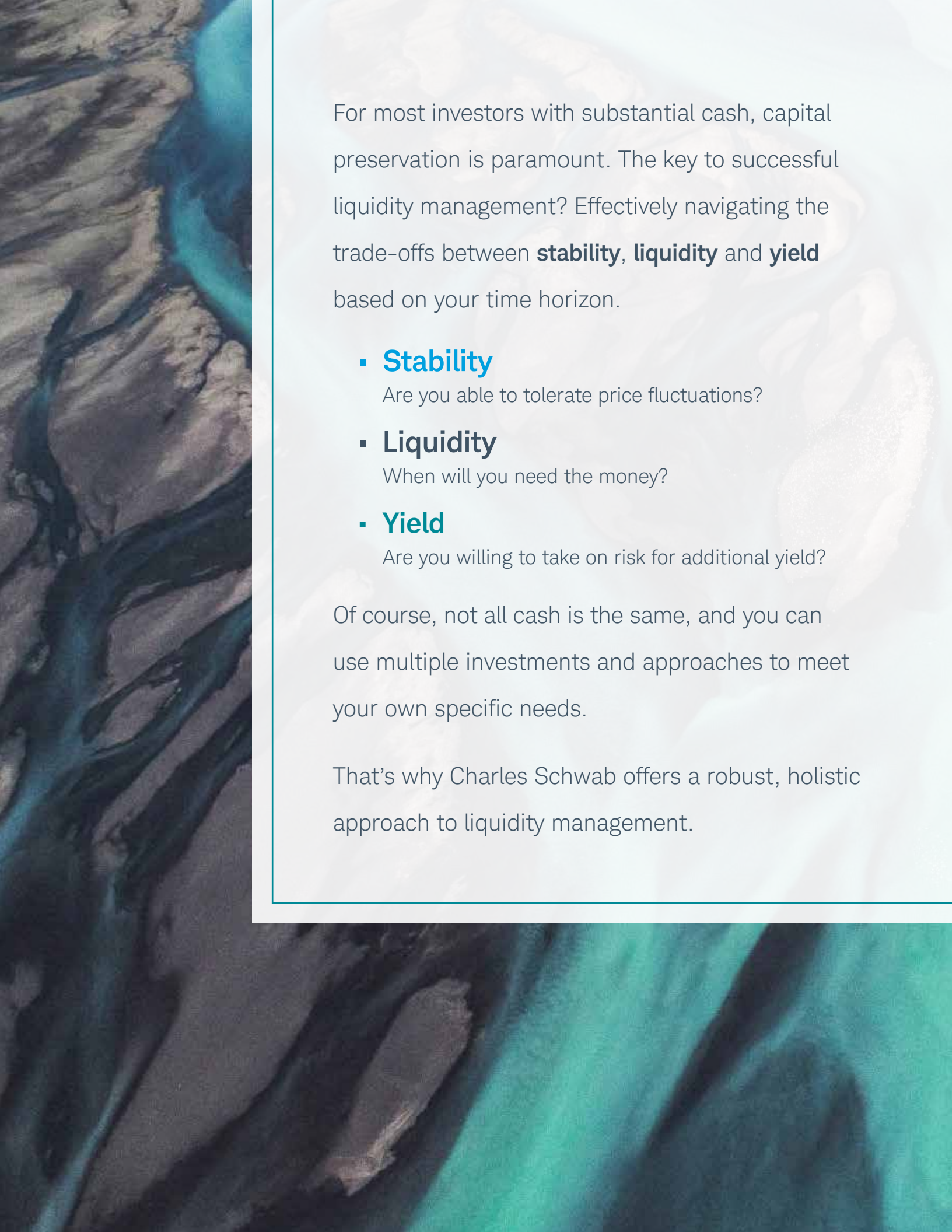


# Liquidity management at Charles Schwab

A holistic approach to cash  
segmentation strategies

*charles*  
SCHWAB

*Own your tomorrow.*

An aerial photograph of a river delta, showing a network of channels and distributaries. A semi-transparent teal overlay covers the right side of the image, where the text is located. The river itself is a vibrant teal color, contrasting with the brownish-grey of the surrounding land.

For most investors with substantial cash, capital preservation is paramount. The key to successful liquidity management? Effectively navigating the trade-offs between **stability**, **liquidity** and **yield** based on your time horizon.

- **Stability**

Are you able to tolerate price fluctuations?

- **Liquidity**

When will you need the money?

- **Yield**

Are you willing to take on risk for additional yield?

Of course, not all cash is the same, and you can use multiple investments and approaches to meet your own specific needs.

That's why Charles Schwab offers a robust, holistic approach to liquidity management.






# Our liquidity management philosophy

We employ a three-tiered cash segmentation strategy designed to address your liquidity needs and time horizon.

<b>Transactional</b>  This is commonly known as everyday cash for individuals or operational cash for organizations. It's typically used to buy investments, pay bills and manage daily expenses.	<b>Strategic</b>  Not needed for day-to-day expenses, the strategic tier can be used to seek a higher yield with investments that help you preserve principal while retaining easy access to your funds.	<b>Opportunistic</b>  For the longer term, the opportunistic tier can be used to explore market opportunities that may be available further out on the yield curve.
---	--	---

This cash segmentation strategy allows us to focus priorities and solutions on the best fit for your situation.

	Transactional	Strategic	Opportunistic
 <b>Time horizon</b>	Short term, typically <b>overnight to 3 months</b>	Short to intermediate term, typically <b>3 to 12 months</b>	Longer term, typically <b>12 months or longer</b>
 <b>Focus</b>	Seek stability and liquidity	Seek stability, liquidity and yield	Potential for higher yield
 <b>Cash flows</b>	Frequent	Moderate	Less frequent

Managing stability, liquidity and yield using transactional, strategic and opportunistic tiers gives us a range of trade-offs to consider when building an approach that is designed to balance the stability of your principal against its availability and the potential to generate additional yield.

# Liquidity goals and options

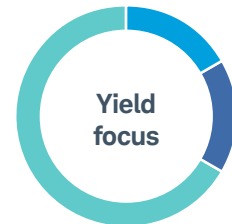
Charles Schwab's team of financial professionals offers deep experience in investment approaches and has access to a comprehensive lineup of tax-exempt and taxable strategies with risk-adjusted performance track records.

For cash you could need immediately, we'll emphasize capital preservation and liquidity. If you have a longer horizon, the potential to generate more yield may rise—along with the number and type of solutions that could map to your situation. No matter what your time horizon, Charles Schwab's team will help you find cash management strategies that seek to promote stability and return where possible.

Short-term solutions for up to three months may be available through Charles Schwab and its affiliates, such as Charles Schwab Bank. For a time horizon up to one year, we can recommend a wider range of savings and investment options. And if you won't need your cash for a year or longer, we'll evaluate a number of strategies and customize an approach to fit your individual needs.

We're proud to offer the same quality of service and solutions to individual investors that large businesses expect and receive when they manage cash for their operational needs.

## Sample solutions



- Transactional
- Strategic
- Opportunistic

	Goals	Potential options
Transactional	<ul style="list-style-type: none"><li>• Overnight or daily liquidity</li><li>• Minimal risk</li><li>• Convenience</li></ul>	<ul style="list-style-type: none"><li>• Bank Sweep and Schwab One Interest</li><li>• Savings and checking accounts through Schwab Bank</li><li>• Schwab Government and Treasury Money Funds</li></ul>
Strategic	<ul style="list-style-type: none"><li>• Short-term liquidity</li><li>• Minimal risk</li><li>• Yield</li></ul>	<ul style="list-style-type: none"><li>• Schwab Prime and Municipal Money Funds</li><li>• Certificates of Deposit from Schwab CD OneSource</li><li>• Fixed-income investments through dedicated trade desk</li></ul>
Opportunistic	<ul style="list-style-type: none"><li>• Less need for daily or short-term liquidity</li><li>• Willing to take on additional risks for potentially higher yields</li></ul>	<ul style="list-style-type: none"><li>• Schwab Managed Account Services™</li><li>• Wasmer Schroeder™ Strategies</li></ul>

Please note that options listed above may overlap tiers depending on how they're employed.

# The strength of Charles Schwab

Charles Schwab has a rich liquidity management offering that includes a range of products and approaches, managed by professionals with expertise in wealth management and capital preservation. By bringing together financial professionals from across the organization, you get their combined strengths from across Charles Schwab—bank, brokerage and asset management.

## Charles Schwab Bank

Founded as a bank for investors

One of the largest banks in the country

Easy to manage banking and brokerage activities in one location

Strategic borrowing for investing, home and other needs

## Schwab Asset Management

30+ years of investment management experience

A top provider of money market funds

\$159B in money market assets managed<sup>1</sup>

Industry-leading fixed-income expertise, such as through Wasmer Schroeder Strategies

Cutting-edge credit research and a range of separately managed accounts

## Charles Schwab & Co., Inc.

Securities broker-dealer with 400 branch offices in 48 states<sup>2</sup>

Access to more than 60,000 bonds from over 200 dealers

Broad offering of exchange-traded funds (ETFs) and mutual funds holding short-duration securities

<sup>1</sup> Source: State Street as of 6/30/22

<sup>2</sup> Source: [aboutschwab.com/TDA](https://aboutschwab.com/TDA)

When capital preservation is an important part of your portfolio, a smart liquidity approach should be an important part of your investment plan. With Charles Schwab financial professionals by your side, you'll know you're getting a segmentation strategy that's optimized to your needs.

**Talk to your Schwab financial professional about customized liquidity management that fits your capital preservation needs.**

Information provided herein is for general information purposes only. Neither Schwab Asset Management products and strategies nor third-party products and strategies presented for consideration are investment advice or recommendations, but are intended to provide Schwab Advice representatives with additional information and tools to use in client discussions. Schwab Advice representatives, and not Schwab Asset Management, Charles Schwab Investment Advisory, nor the Liquidity Solutions Team are responsible for any investment recommendations or advice provided to the client based on his or her own particular situation.

Investors should consider carefully information contained in the prospectus, or if available, the summary prospectus, including investment objectives, risks, charges and expenses. You can obtain a prospectus, or if available, a summary prospectus by visiting [schwabassetmanagement.com/prospectus](http://schwabassetmanagement.com/prospectus). Please read it carefully before investing. Please refer to the Charles Schwab Investment Management, Inc. ("CSIM") Wasmer Schroeder Strategies Disclosure Brochure for additional information.

There are risks associated with any investment approach, and the Wasmer Schroeder Strategies have their own set of risks. The Wasmer Schroeder Strategies invest primarily in fixed income instruments and as such the strategies are subject to various risks, including but not limited to interest-rate risk, reinvestment risk, credit risk, default risk and event risk.

**You could lose money by investing in the Schwab Money Funds.** All Schwab Money Funds with the exception of Schwab Variable Share Price Money Fund seek to preserve the value of your investment at \$1.00 per share, but cannot guarantee they will do so. Because the share price of Schwab Variable Share Price Money Fund will fluctuate, when you sell your shares they may be worth more or less than what you originally paid for them. All Schwab Money Funds with the exception of Schwab Government Money Fund, Schwab Retirement Government Money Fund, Schwab U.S. Treasury Money Fund, Schwab Treasury Obligations Money Fund and Schwab Government Money Market Portfolio may impose a fee upon the sale of your shares or may temporarily suspend your ability to sell shares if the Fund's liquidity falls below required minimums because of market conditions or other factors. An investment in the Schwab Money Funds is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The Schwab Money Funds' sponsor has no legal obligation to provide financial support to the Funds, and you should not expect that the sponsor will provide financial support to the Funds at any time.

**Please read Schwab's Disclosure Brochure for important information and disclosures relating to Schwab Managed Accounts Services.** Charles Schwab & Co., Inc. ("Schwab") is the sponsor of Managed Account Select® ("Select") and Managed Account Connection® ("Connection") programs. The asset managers in Select are unaffiliated with Schwab.

Fixed income securities are subject to increased loss of principal during periods of rising interest rates. Fixed income investments are subject to various other risks, including changes in credit quality, market valuations, liquidity, prepayments, early redemption, corporate events, tax ramifications and other factors. Tax-exempt bonds are not necessarily a suitable investment for all persons. Information related to a security's tax-exempt status (federal and in-state) is obtained from third parties and CSIM does not guarantee its accuracy. Tax-exempt income may be subject to the Alternative Minimum Tax (AMT). Capital appreciation from bond funds and discounted bonds may be subject to state or local taxes. Capital gains are not exempt from federal income tax.

Schwab Asset Management™ is the dba name for Charles Schwab Investment Management, Inc., the investment adviser for Schwab Funds, Schwab ETFs, and separately managed account strategies. Schwab Funds are distributed by Charles Schwab & Co., Inc. (Schwab) Member SIPC. Schwab ETFs are distributed by SEI Investments Distribution Co. (SIDCO). Schwab Asset Management and Schwab are separate but affiliated companies and subsidiaries of The Charles Schwab Corporation, and are not affiliated with SIDCO.

Certificates of deposit available through Schwab CD OneSource typically offer a fixed rate of return, although some offer variable rates. They are FDIC-insured and offered through Charles Schwab & Co., Inc. CDs from Schwab CD OneSource® are issued by FDIC-insured institutions and are subject to change and system access. Funds are FDIC-insured up to \$250,000 per depositor per insured institution, based on account ownership type. Visit [www.fdic.gov](http://www.fdic.gov) for details. For most CDs, there are no additional commission charges when you buy a CD through Schwab CD OneSource. However, there may be costs and market value adjustments associated with early redemption. Certificates of deposit available through Schwab CD OneSource typically offer a fixed rate of return, although some offer variable rates. Certificates of Deposit (CDs) available through Schwab CD OneSource typically offer a fixed rate of return, although some offer variable rates. The Annual Percentage Yield (APY) quoted are current as of the date shown and pertain to terms ranging from 3 months to 1 year. The minimum quantity is generally \$1,000 face amount, but may vary by offering. CDs may be subject to an early withdrawal penalty. Funds deposited at an FDIC-insured institution are insured, in aggregate, up to \$250,000 per depositor, per insured institution, based upon account type, by the Federal Deposit Insurance Corporation (FDIC). The FDIC considers any other deposits you may have with an issuing bank. CDs you purchase from a particular bank are aggregated with any other deposits you may have with the issuing bank for purposes of determining FDIC insurance coverage (e.g., if you already have deposits of \$250,000 with a bank, CDs you purchase from the same bank in the same ownership category may not be covered). Because the deposit insurance rules are complex, you may want to use the FDIC's Electronic Deposit Insurance Estimator (EDIE) to estimate your total coverage at any particular bank.

Bank Sweep deposits are held at one or more FDIC-insured banks that are affiliated with Charles Schwab & Co., Inc. ("Affiliated Banks"). Funds deposited at Affiliated Banks are insured, in aggregate, up to \$250,000 per Affiliated Bank, per depositor, for each account ownership category, by the Federal Deposit Insurance Corporation (FDIC). Securities products and services (including unswept or intraday cash, net credit or debit balances, and money market funds) offered by Charles Schwab & Co., Inc. (Member SIPC) are not deposits or obligations of the Affiliated Banks, are subject to investment risk, are not FDIC insured, may lose value, and are not Affiliated Bank-guaranteed. Charles Schwab & Co., Inc. and the Affiliated Banks are separate entities and are all affiliates of The Charles Schwab Corporation.

Charles Schwab & Co., Inc. and Charles Schwab Bank, SSB are separate but affiliated companies and subsidiaries of The Charles Schwab Corporation. Brokerage products and services are offered by Charles Schwab & Co., Inc., Member SIPC. Deposit and lending products and services are offered by Charles Schwab Bank, SSB, Member FDIC and an Equal Housing Lender.

**Brokerage Products: Not FDIC Insured • No Bank Guarantee • May Lose Value**

charles  
SCHWAB



*Own your tomorrow.*

Effective July 11, 2024

## Brochure Supplement

Emily Blasko

Charles Schwab & Co., Inc.  
Manager, Fixed Income Specialist  
Chicago - Wacker Drive  
150 S Wacker Dr  
CHICAGO, IL 60606-4111  
+1 312-517-4077  
emily.blasko@schwab.com

This brochure supplement provides information about Emily Blasko that supplements the Charles Schwab & Co., Inc. brochure for your investment advisory service. You should have received a copy of that brochure. Please contact Emily Blasko at +1 312-517-4077 if you did not receive Charles Schwab & Co., Inc.'s brochure or if you have any questions about the contents of this supplement.

Additional information about Emily Blasko is available on the SEC's website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov).

Charles Schwab & Co., Inc.  
211 Main Street  
San Francisco, CA 94105  
800.435.4000

## Item 2: Educational Background and Business Experience

Emily Blasko, Born 1978

### Education

Post Secondary Education - Completed

Date degree conferred: 05/2001

Miami University

Oxford, OH

Bachelor of Arts, Speech Communication

### Business Experience (for preceding five years)

Charles Schwab & Co., Inc. (01/2023 - Present): Manager, Fixed Income Specialist

William Blair (08/2021 - 12/2022): Regional Associate

Berkshire Hathway HomeServices (04/2017 - 08/2021): Realtor

## Item 3: Disciplinary Information

None

## Item 4: Other Business Activities

In addition to being an employee and investment adviser representative of Charles Schwab & Co., Inc. ("Schwab"), the individual is registered as a broker-dealer representative of Schwab, a registered broker-dealer. The individual does not receive any economic benefit for providing advisory services, other than a regular salary and bonus. A quarterly bonus is based on the sales of fixed income products, advised referrals and solutions credits in addition to number of household conversions of new assets/new advised referrals. An annual bonus is based on Schwab's performance and determined based on manager discretion, which may include relationship management, business development, quality assurance, teamwork, client reviews and field partnerships.

For more information, please see [www.schwab.com/transparency](http://www.schwab.com/transparency)

The individual is not licensed as an insurance agent.

The firm allows employees to engage in certain other outside activities. If the individual is currently involved in any outside business activities that represent 10% or more of his or her time and income, the activities are displayed below:

There are no other outside business activities to disclose.

## Item 5: Additional Compensation

No additional compensation to disclose beyond compensation described in Other Business Activities above.



Emily Blasko

Item 6: Supervision

Daily supervision functions, including review of trading activity, portfolio construction, verbal, written and electronic client correspondence, money-movement, product sales and referrals are conducted by a Central Supervisory Team. Reviews for client appropriateness, asset allocation data and internal notes to verify that the recommendations made are suitable are conducted by the individual's direct supervisor, who is listed below.

Name: John Landry, Sr Manager - Fixed Income Specialist (PL)

Phone number: +1 312-517-4090

To: Board of Trustees  
From: Amy Underwood  
Re: Facility Planning Report for August 2024  
Date: September 20, 2024

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

Engineer's Fee	\$320,000.00
Total Completed to Date	\$24,556.25
Less Previous Payments	<u>-\$5,566.25</u>
Current Payment Due	<u>\$18,990.00</u>
Remaining	\$295,443.75

On September 5, I met with District Laboratory staff to go over the sampling plan for the one year of special WWTC data collection. A list of items requiring clarification was generated and forwarded to Baxter & Woodman (B&W), who provided the draft sampling plan and will be using the data to recalibrate the process model of the WWTC.

C: BOLI, CS, DM

**DOWNERS GROVE SANITARY DISTRICT  
DECENNIAL COMMITTEE MEETING  
SEPTEMBER 24, 2024 – 6:00 PM  
BOARD ROOM**

**PROPOSED AGENDA**

- I. APPROVAL OF MINUTES – JULY 16
- II. PUBLIC COMMENT
- III. DRAFT REPORT: ORGANIZATIONAL SERVICE DELIVERY REVIEW AND ANALYSIS

DECENNIAL COMMITTEE ON LOCAL GOVERNMENT EFFICIENCY  
MINUTES

July 16, 2024

A meeting of the Downers Grove Sanitary District Decennial Committee on Local Government Efficiency was held on Tuesday, July 16, 2024, convening at 6:30 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; Board of Local Improvements Members Kenneth J. Rathje, Robert T. Jungwirth, and Mark J. Scacco; General Manager Amy R. Underwood; Administrative Supervisor Carly Shaw; and Senior Advisor Lawrence C. Cox. Gregory Kuhn, Craig Anderson, and James Norris from the Northern Illinois University (NIU) Center for Government Studies (CGS) also attended.

Public Comment - None

Organizational Service Delivery Review and Analysis Update

The project team from the NIU CGS introduced themselves and provided an overview of their approach for the organizational service delivery review and analysis. They also provided a status update on the project.

The schedule was discussed. The next Decennial Committee meeting will be held at 6:00 p.m. on Tuesday, September 24. The final meeting was tentatively scheduled for Tuesday, October 15 before the Board of Trustees regular meeting. Members of the Committee requested that they be provided with the draft report earlier than the usual Friday before the meeting, so they have extra time to review it.

A motion was made by Trustee Eddington seconded by Trustee Wang to adjourn the meeting at 7:02 p.m. The motion carried.

Approved: September 24, 2024

---

Committee Chair/District President

Attest: \_\_\_\_\_  
Clerk

**Downers Grove Sanitary District  
Organizational Service Delivery Review and Analysis and  
Illinois Local Government Efficiency Act Compliance**



***REVIEW DRAFT ONLY***

**September 10, 2024**

<b>NIU-CGS Study Team Members</b>	
Gregory Kuhn, PhD - Project Coordinator/Lead	James Norris, MPA - Local Government Management, Development, Finance and Organizational Specialist
Craig Anderson, MPA - Public Works, Public Utilities and Local Government Management Specialist	Jeanna Ballard, MPA - Local Government Management Specialist



NORTHERN ILLINOIS UNIVERSITY

**Center for  
Governmental Studies**

*Outreach, Engagement, and Regional Development*

## Table of Contents

I. Organizational Service Delivery Review and Analysis Scope.....	1
II. Organizational Purpose and Description .....	1
III. Organizational Structure, Facilities, and Operations .....	2
IV. Finances .....	5
V. Organizational Chart.....	7
VI. Illinois Local Government Efficiency Act (Public Act 102-1088) Compliance .....	7
VII. Personnel .....	11
VIII. Recommendations .....	11
IX. Best Practices .....	12
X. Conclusion .....	13
XI. References/Resources.....	13

## **I. Organizational Service Delivery Review and Analysis Scope**

The Downers Grove Sanitary District (referred to as DGSD, or the “District”) retained the help of the Northern Illinois University Center for Governmental Studies (NIU-CGS) to undertake a service delivery and organization design analysis. This endeavor is intended to help determine systems, resources, approaches, and positional mixes that align with the District’s core service and operational requirements, as well as to strengthen strategies to utilize staff skills, equipment, and other district resources in the most effective manner.

The study includes review to address compliance requirements of the Decennial Committees on Local Government Efficiency Act (Public Act 102-1088), effective June 10, 2022, herein called the Illinois Local Government Efficiency Act. This legislation requires a written report at least once every ten years to the County Board summarizing findings on local efficiencies of the District.

Components of the study include interviews with DGSD staff and board members, evaluation of job analysis questionnaires, a guided tour of the wastewater treatment plant facilities, and review of pertinent information provided by District staff, as well as what is available on the District’s website. Thirty-eight staff members participated in interviews, which included a mix of individual and workgroup sessions. An individual interview was conducted with each Trustee, and an individual interview was conducted with the Senior Advisor. Also, each staff member was invited to complete a job analysis questionnaire to provide more detailed information about their specific job. Moving forward with this project reflects the District’s commitment to effective and efficient service delivery for the benefit of its customers and the larger community.

## **II. Organizational Purpose and Description**

Under the State of Illinois Sanitary District Act of 1917, the Downers Grove Sanitary District was organized in 1921, as a separate unit of local government to provide sanitary sewerage service for incorporated municipalities and other areas within its boundaries. The District’s treatment facilities were first located along Curtiss Street in the Village of Downers Grove. This original location is now the site of Sterling North Park.

The district’s Administration Center, 2710 Curtiss Street, Downers Grove, is close to the current wastewater treatment center (WWTC), 5003 Walnut Avenue, also in Downers Grove. Construction of this facility began in 1954. Expansion of the Walnut Avenue facility allowed closure of the Curtiss Street plant in the mid-1960s. The Walnut Avenue facility has had many improvements since its opening, including major expansions in the early 1970s and late 1980s. Additionally, the District has accepted expansions of its sewer system as development has occurred within its service area. It is noted that parts of the sewer system date back to 1904,

requiring a dedicated commitment to maintenance of pipes and structures in satisfactory working condition to meet expectations for service and compliance with regulatory requirements.

It is noted that the District has begun the process of preparing a plan for updating its facilities to address present, anticipated, and potential needs associated with aging infrastructure, growth, and future regulations. The plan is intended to evaluate alternatives, allocation of resources and space to ensure smooth operations and maintenance, help align short-term and long-term goals, set priorities, and enable District eligibility for the IEPA Water Pollution Control Loan Program.

The DGSD sanitary sewer system service area includes most of the Village of Downers Grove, part of the Village of Westmont west of Cass Avenue, and portions of the Villages of Woodridge, Lisle, Oak Brook, and Darien. Thorough review of operations and functions reflects the District's commitment to and emphasis on efficient and effective practices and procedures, including environmental impact and resource recovery.

The primary functions of the DGSD are to provide sewer service, wastewater collection and treatment for residential, commercial, industrial, and institutional customers, while meeting the requirements of its National Pollutant Discharge Elimination System (NPDES) permit. The District serves over 60,000 people, which includes more than 20,000 customers. The WWTC has a design average capacity of 11 million gallons per day.

The effluent from the sanitary wastewater collected and treated at the wastewater treatment center is discharged to the East Branch of the DuPage River or St. Joseph's Creek, as permitted by the State of Illinois with authority from the United States Environmental Protection Agency (USEPA).

The DGSD is an original member of and an active participant in the DuPage River Salt Creek Workgroup, a consortium of local units of government dedicated to management of the valuable stream resources of the East and West Branches of the DuPage River and Salt Creek. This consortium conducts state-of-the-art monitoring of stream biology, chemistry, and habitat, the data from which is used to promote and implement initiatives to cost-effectively restore these streams to their intended uses.

### **III. Organizational Structure, Facilities, and Operations**

The DGSD is governed by a Board of Trustees, consisting of a President, Vice President, and Clerk, each appointed by the DuPage County Board Chair, with the advice and consent of the County Board, for a staggered three-year term. The Board of Trustees has the authority to enact ordinances as needed to define policies, services, and fees for the District.



The DGSD also has a Board of Local Improvements, consisting of a President, Vice President, and Clerk, each appointed by the District's Board of Trustees for a one-year term. The Board of Local Improvements has the authority to review and approve improvements to the sewer collection system, new sewer service, and sewer extensions. Also, it advises the Board of Trustees regarding the annexation of property into the DGSD service area.

The District's daily operations are the responsibility of 39 staff members, most of whom are full-time:

- ***Management and oversight positions*** include the General Manager, Administrative Supervisor, Laboratory Supervisor, Operations Supervisor, Maintenance Supervisor, Sewer Construction Supervisor, Sewer Maintenance Supervisor, Safety Coordinator, and Senior Advisor.
- ***Maintenance and operations positions*** include the Laboratory Analysts, Biosolids Mechanics, Senior Operator, Operators, Senior Mechanic, Lead Mechanic, Mechanics, Electrical Technicians, Inspector, Permit Technician, Sewer System Engineering Technician, Senior Sewer System Technician, and Sewer System Technicians.
- ***Administrative positions*** include the Information Coordinator, Administrative Assistant, Senior Billing Coordinator, Billing Assistant, Office Clerical, and Accounting Assistants.

The District has an 18-step salary plan with four pay ranges, which include merit and cost of living adjustments. The length of employee retention is good. Human Resources responsibilities are shared by the General Manager and the Administrative Supervisor.

Safety in fulfilling the mission of the DGSD is a priority. The Safety Coordinator, part-time, indirectly supervises employees with respect to work safety. There is focus on procedures, training, documentation, and suggestions for repair and improvement of old infrastructure.

Administrative staff duties necessary for the District's operations include customer service, billing, accounting, record-keeping, payroll, and purchasing. Implementation of new accounting and record-keeping systems is pending, and a new timekeeping system is in place. Customer service includes in-person counter service, along with telephone and electronic communications. Administrative staff review and direct some emergency or urgent service requests. Office personnel are seen as very helpful and conscious of the needs of older customers.

The combined, coordinated efforts of all personnel are required for the District to fulfill its mission in an effective, efficient, and safe manner 24 hours a day, seven days a week. In addition to the above noted tasks of administrative staff, several examples of duties and responsibilities of the District's wastewater treatment center and sewer system operations personnel are provided below:

- Wastewater treatment system functioning is controlled and monitored at the plant or remotely by a supervisory control and data acquisition (SCADA) system. It allows for efficient operations, including timely adjustments and mitigation of problems, 24 hours per day, which exemplifies emphasis on cost efficiency and effective customer service. Treatment operators use data, laboratory results, experience, and trends to make critical process control decisions, including adjustments to handle higher flows.
- The District's senior mechanic and lead mechanic have overall responsibility for care of the wastewater treatment system, including combined heat and power (CHP) generators and buildings, and to address priority situations. There is emphasis on safe, efficient, and effective maintenance and repair with in-house staff.
- As previously noted, parts of the wastewater treatment center date to 1954, with subsequent additions and improvements in the 1970s and 1980s. Its many aging components are given attention and care by maintenance mechanics, including response to urgent repair needs. Examples of typical tasks include welding, fabrication, pipefitting, and plumbing. In some instances, there is a need to develop innovative solutions to address problems. Other functions include maintenance of the District's lift stations and system valves.
- Electrical technicians address electrical issues, including determination of actual problems and making necessary repairs (e.g., operations, process control, and electrical distribution). Examples of other assignments include lift station inspections, wiring and upgrades for programmable logic controllers, development of policies for safe operations, and planning assistance for some projects.
- Biosolids mechanics assure proper, environmentally sound processing of the biosolids, a byproduct of the wastewater treatment process, and equipment maintenance. Biosolids processing includes drying, storage for two winter seasons to eliminate pathogens, and distribution via in-person pick-up or delivery.

The District's on-site laboratory allows for timely wastewater treatment process quality assurance testing, for which integrity of data entry and meeting the requirements of the NPDES permit are priorities. Reports are provided to the Illinois Environmental Protection Agency and U.S. Environmental Protection Agency. Work is underway to update pre-treatment program standards based on industrial and other users within the service area.

The District's extensive infrastructure includes more than 250 linear miles of gravity sewers, nine lift stations, and approximately 44,000 linear feet of force mains, which are the discharge pipes from the lift stations that carry flow to the gravity sewers. Also, the area served by the District includes about 300 linear miles of privately owned service pipes connecting buildings to public mains and 4.5 linear miles of private main connected to public main.

Proactive system maintenance is a priority for the District. Members of the sewer maintenance staff address system care daily, including response to residential sewer issues, planning for repairs, coordination with contractors, handling JULIE locates, and cleaning. Additionally, staff conduct home inspections for participation in the lateral sewer service line repair program, respond to sewer back-up calls, and inspect manholes on a regular cycle.

An on-call rotation schedule is in place for District staff to respond to urgent after-hours service calls. The rotating schedule for job assignments is appreciated, providing for variety and ongoing interest.

Many substantial and specialized components are required to undertake effective and efficient treatment of wastewater from the District's service area and discharge of the resultant effluent. Among the equipment and structures which comprise the District's wastewater treatment center are the climber screens, pump stations, grit tanks, primary clarifiers, aeration tanks, secondary clarifiers, intermediate clarifiers, sand filters, chlorine contact tank, excess flow clarifiers, sludge concentrator tanks, anaerobic digesters, belt filter press, sludge drying beds, sodium hypochlorite building, sodium bisulfate building, sludge pumps, pump station wet wells, sampling chamber, CHP equipment, gas cleaning equipment, hauled grease trap waste collection facility, and standby generators for use in the event of electrical power failure.

#### **IV. Finances**

The grand total appropriation for the DGSD for fiscal year May 1, 2024, through April 30, 2025, is \$18,910,000. Most revenue is derived from sources other than real estate taxes (e.g., tap-in permits, user fees, trunk sewer service fees, monthly fees, and surcharges). The categories of expenditures include Administration, Wastewater Treatment Center, Laboratory, Collection System, Lift Stations, Insurance and Employee Benefits, and Capital Improvements.

The District has created a five-year fiscal plan which projects revenues and expenditures for all activities. As noted earlier, the aging of the system requires a substantial commitment of resources to maintain pipes and other structures in satisfactory working condition to meet regulatory requirements and customers' expectations for service. Infrastructure maintenance and improvement projects for 2024 include Powell Street Sewer Rehabilitation, rehabilitation of approximately 2,000 linear feet of effluent discharge (outfall) pipe, and replacement of approximately 2,300 linear feet of force main from the Venard Lift Station<sup>1</sup>.

For the fiscal year 2024-2025, estimated sources of revenue are demonstrated in Figure 1.

---

<sup>1</sup> Downers Grove Sanitary District 2024 Annual Newsletter

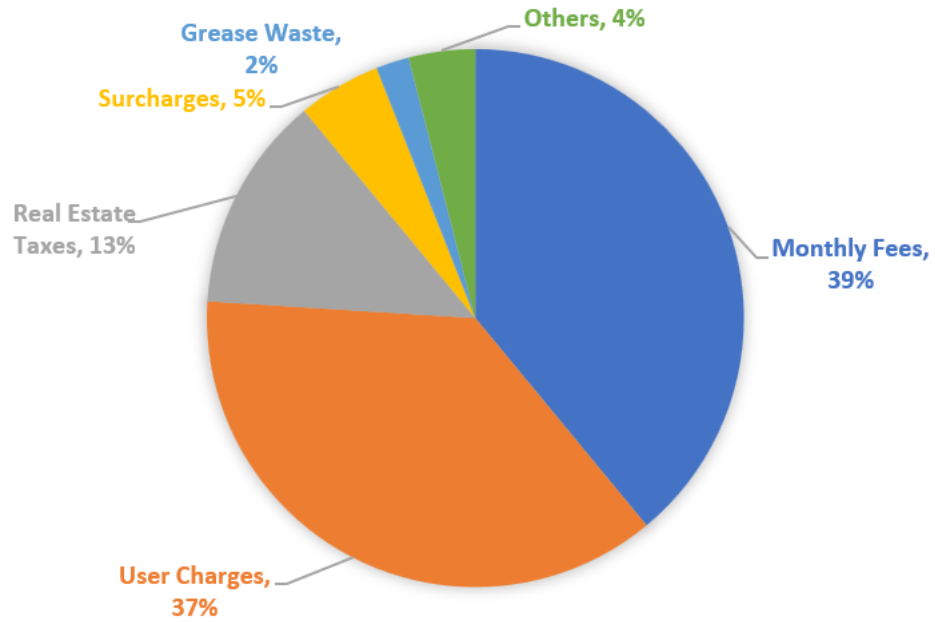


Figure 1

For the fiscal year 2024-2025, estimated expenditures are demonstrated in Figure 2. The user charge consists of a volume charge based on water consumption (currently \$2.75 per 1,000 gallons of water consumption) and a monthly service fee (currently \$20.00 per account).

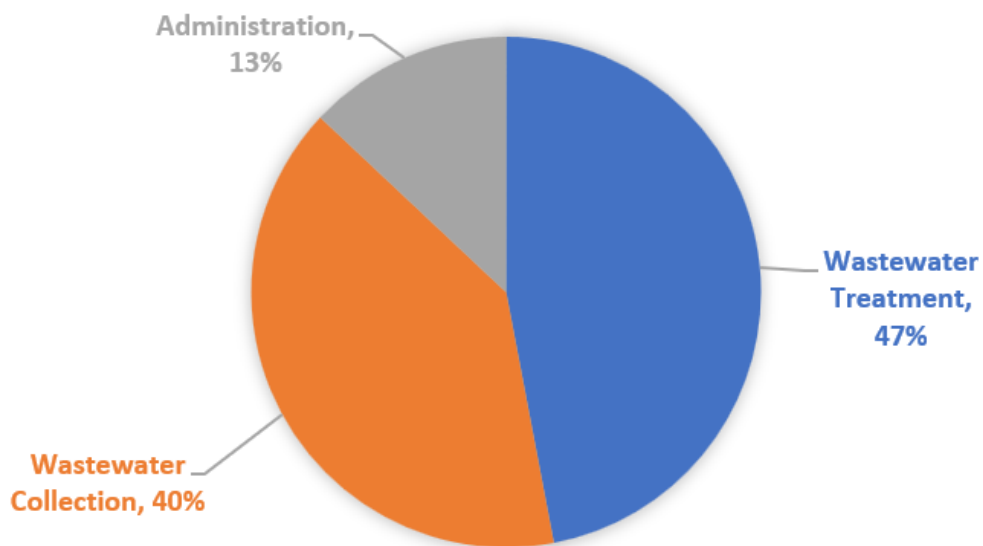
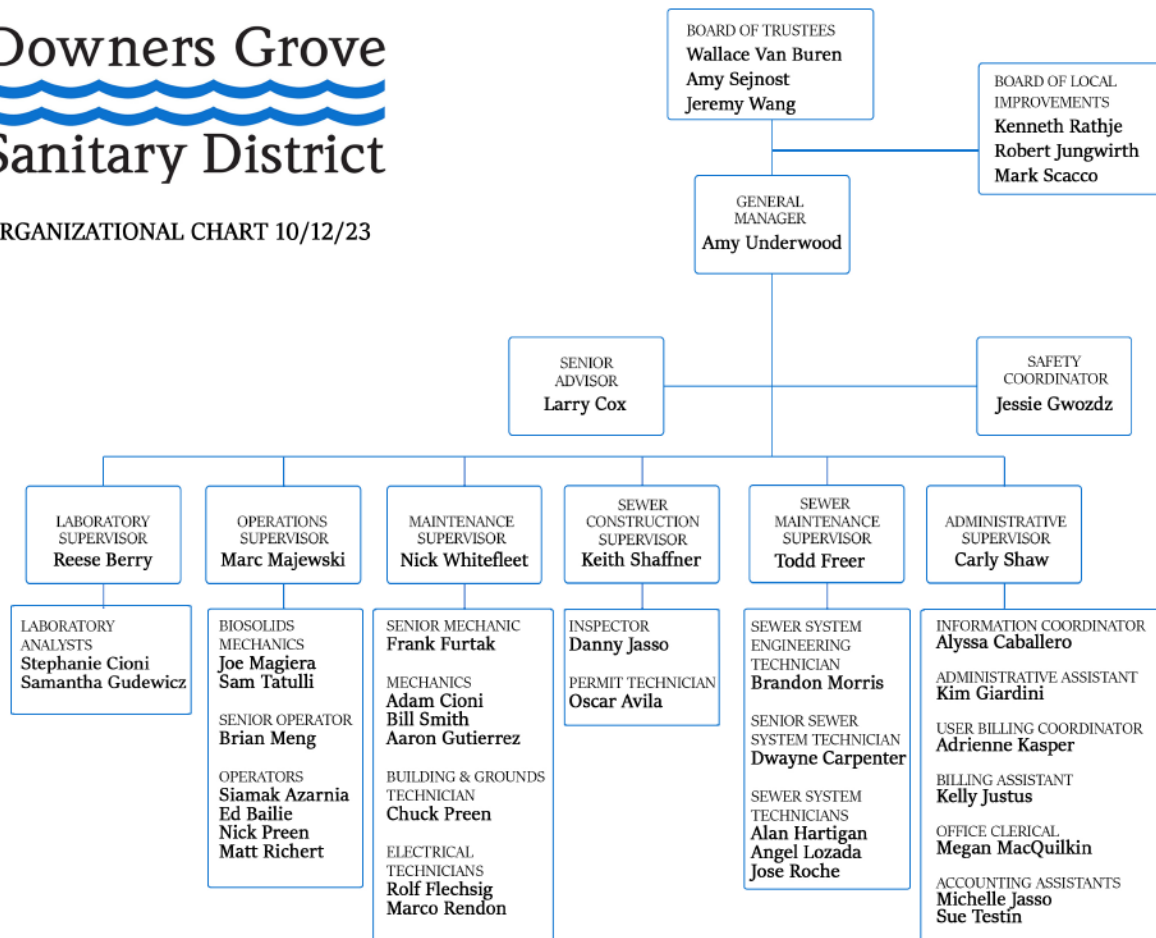


Figure 2

## V. Organizational Chart

# Downers Grove Sanitary District

ORGANIZATIONAL CHART 10/12/23



Source: Downers Grove Sanitary District – at the conception of the study

Figure 3

## VI. Illinois Local Government Efficiency Act (Public Act 102-1088) Compliance

The DGSD website<sup>2</sup> provides a comprehensive amount of easily accessible, useful information for customers and other interested persons or entities regarding District operations and history, as well as steps already undertaken to improve, maintain, and enhance efficient, effective, and environmentally sound operation of the District. This approach to operation and communication reflects constant focus on the District's primary purpose to fulfill its mission by providing outstanding service while protecting the health of people and the environment.

<sup>2</sup> <https://www.dgsd.org/>

It is important to note that staffing for the District includes the position of a part-time Information Coordinator, which has been in place for 10 years. Examples of duties associated with this position include responsibility for the District's website and employee intranet, outreach to schools for presentations and wastewater treatment center tours, assistance with the annual open house, and some work with the media.

The DGSD sets an excellent example of accuracy and transparency for availability and dissemination of information. In keeping with this standard, team communication training at all levels of the organization is planned.

Examples of readily available information include sample bill and payment options; the sewer collection system and a summary of service provided; a facilities planning service area map; sanitary sewer service request and permit procedures; employment opportunities; and facilities locations.

Additionally, the District's website provides quick links to forms and documents. Some examples are noted below:

- ***Public Comment Submission form*** – Allows a person who cannot attend a public meeting to submit comments electronically to the Board of Trustees or the Board of Local Improvements.
- ***Easy Pay form*** – Allows a customer to sign up for electronic automatic bill payment for District sanitary sewer services.
- ***Freedom of Information Act (FOIA) request*** – Allows online submission of a FOIA request.

In addition to required statutory transparency, the District provides other mechanisms for its customers to know how revenue is used, including an annual open house which features a tour of the wastewater treatment center and displays highlighting various aspects of District operations (e.g., the laboratory or the sewer system). Also, an annual newsletter is provided to customers with their late spring / early summer bill.

Along with its annual budget, the District has implemented a five-year plan which includes projected revenues and expenses for all District activities. The plan is available for review on the DGSD website, along with the fiscal year appropriations ordinance and the current independent financial audit. The District's commitment to transparency is also reflected in easy access to employee total compensation information, board meeting agendas, and board meeting minutes.

Proactive outreach is used to inform the public of the District's mission. Tours of the wastewater treatment center are provided throughout the year for groups, students, teachers, professional organizations, and wastewater professionals. The District works with local elementary schools and high schools, in addition to environmental groups, to provide educational information



pertaining to wastewater treatment, the role of the sanitary district in the community, and the value of water. Also, the District participates in “river sweep,” a community river clean-up project (Figures 4 and 5)<sup>3</sup>.



Figure 4



Figure 5

The District’s wastewater treatment center operates under a National Pollutant Discharge Elimination System (NPDES) permit issued by the Illinois Environmental Protection Agency. During 2023, the water treated by the District and discharged to the East Branch of the DuPage River was significantly better than the permit limits for three major NPDES permit parameters: Biochemical oxygen demand (BOD), suspended solids, and ammonia nitrogen. (Source: Downers Grove Sanitary District 2024 Annual Newsletter).

Striving to have the wastewater treatment center function as a net-zero energy facility is a major goal of the District.

In partnership with an environmental education non-profit organization, the School & Community Assistance for Recycling and Composting Education (SCARCE), the District collects and recycles used cooking oil. This program is intended to encourage District customers and residents of the surrounding area to recycle their used cooking oil instead of pouring it down the drain or disposing of it in the garbage. Used cooking oil can be dropped off at any time at the designated receptacle at the District’s administration center<sup>4</sup>.

A recreational vehicle wastewater dumping station is available to the public at the DGSD Administrative Offices. This station provides an easily accessible option for environmentally sound disposal of such wastewater.

<sup>3</sup> Source: <https://www.dgsd.org/blog/tag/dupage-county/>

<sup>4</sup> Source: Downers Grove Sanitary District 2024 Annual Newsletter

The DGSD wastewater treatment process produces a Class A biosolids byproduct, which is available to the public, free of charge, for use as a soil supplement. In addition to being a sustainable practice, it also is of benefit to the district by avoiding biosolids disposal costs. This soil supplement is available at the District's pick-up station. The District can deliver bulk quantities to its customers and other entities having needs for this supplement. Also, a Class B biosolids byproduct is applied to farm fields.

The land area occupied by the wastewater treatment center includes a walnut nursery. In addition to being an attractive feature, it contributes to environmental sustainability by reducing emissions associated with lawn maintenance, as well as related costs. The trees also help offset carbon emissions by absorbing and storing carbon dioxide.

The District has recently employed a state-of-the-art trenchless technique, known as 'Cured in Place Pipe' or CIPP, for sewer rehabilitation, without the disruption which otherwise would be required for excavation, removal, and replacement of the old sewer. CIPP allows an epoxy-laden felt liner to be inserted into the existing pipe and heat-cured in place, using the existing pipe as the exterior form for the new pipe. This same technology is planned for use for upcoming sewer and outfall rehabilitation projects<sup>5</sup>.

Since June 2022, the District has participated in the Illinois Wastewater Surveillance System (IWSS), a monitoring network that tracks COVID-19, influenza, and respiratory syncytial virus (RSV) by measuring the amount of viral RNA (ribonucleic acid) in wastewater throughout Illinois. Twice weekly, District staff collect samples of raw wastewater entering the WWTC, which are then forwarded to the University of Illinois-Chicago for analysis. The data is reported on the IWSS website. This initiative is a collaborative endeavor of the Illinois Department of Public Health (IDPH), and the Illinois System's Discovery Partners Institute (DPI) intended to deliver actionable information to public health decision makers<sup>6</sup>.

Customer service is of the highest priority for the District. Customers may be eligible for assistance to address sanitary sewer backups or other problems through the Building Sanitary Service Repair Assistance Program (BSSRAP), Reimbursement Program for Installation of Overhead Sewer or Backflow Prevention Devices, and Reimbursement Program for Sanitary Sewer Backups Caused by Blockages of the Public Sanitary Sewer. Additionally, the DGSD has technicians available to help address sewer problems at all hours, with a call number available on its website.

The information, comments, and discussion from the interviews conducted during this study noted the District's openness, creativity, accuracy, and transparency. The District is viewed as

---

<sup>5</sup> Ibid

<sup>6</sup> Ibid



approachable, environmentally responsible, fiscally responsible, innovative, and resident-focused, with accurate information and answers provided in response to questions from customers.

## VII. Personnel

It is apparent to the study team that there is a well-shared opinion that the DGSD upholds standards, is a good place at which to work, employees care about their work and each other, management cares about staff, records and equipment are well-maintained, and there is focus on doing things the right way. There is also pride in the high quality of the effluent produced from the treatment process. Furthermore, there is appreciation for jobs which provide variety, for an organization focusing on innovation, and for doing good for the environment.

During interviews, discussions, and visits at the DGSD, the study team was presented with several suggestions and ideas seen as possibly benefiting the District's mission. That input is appreciated by the study team and has been helpful in preparing this report.

## VIII. Recommendations

Based on the results of the organizational service delivery review and analysis, including compliance with the requirements of the Illinois Local Government Efficiency Act, it is evident that the current management and operation of the DGSD are well-focused on the provision and delivery of efficient, effective, fiscally sound, and environmentally aware services to the benefit of its customers and the larger community. In keeping with this commitment to fulfilling the mission of the District, several recommendations are presented below.

- **Recommendation 1** – Continue keeping the District's mission at the forefront of current and future operations regarding immediate, short-term, and long-term decisions, including environmental sensitivity and initiatives.
- **Recommendation 2** – Maintain the paramount importance of customer service, including easily accessible information, transparency, responsiveness, and sewer service assistance programs.
- **Recommendation 3** – If not a part of the contemplated facilities planning study, include review of current and projected office space necessary for efficient, effective, and comfortable delivery of administrative and customer services.
- **Recommendation 4** – Review the types and amount of regular and unexpected employee assignments and tasks to ensure adequate staffing levels to maintain ongoing customer service excellence. In conjunction with this process, consider options for cross-training to provide redundancy and back-up when needed, as well as to enhance a shared work culture among the several departments.

- **Recommendation 5** – Continue emphasis on beneficial technology integration and adjustment to address current and future operational needs of all departments.

## IX. Best Practices

Wastewater acceptance and treatment is an essential service provided by the DGSD to protect the health and well-being of the public and the environment. The management and operation of the District reflect efficient and effective service delivery in an environmentally sound, fiscally responsible, and innovative manner. An outline of several best practices which are already in place, or which might be added, is offered below.

- **Compliance with Regulations:** Commitment to compliance with wastewater treatment regulations, including amendments and updates, and staff training. The DGSD's commitment to this practice is evident in its work to assure adherence to the requirements of the Illinois Local Government Efficiency Act.
- **Strategic Planning:** Ongoing engagement in planning is recommended to ensure the consistent and sustainable functioning of the District to fulfill its mission. The District's detailed, comprehensive five-year financial plan, which includes recommendations with respect to expenditures and revenues necessary to meet operations, maintenance, replacement, capital improvement, and debt service requirements reflects the importance of such planning.
- **Outreach and Transparency:** Continue to provide readily accessible information for the District's customers and other interested parties to be informed and learn about operations, have questions answered, and participate in programs in which they have interest and might be qualified. It is noted that the DGSD hosts an annual Wastewater Treatment Center open house each October, for which information is available on the District's website.
- **Staff Training and Development:** Encourage and provide for participation in professional development opportunities to enhance employee skills and knowledge.
- **Emergency Preparedness and Failure Response Procedures:** Assure that well-defined and supported plans and procedures are in place to address emergency situations and system failures which might occur.
- **Professional Organizations and Local Government Consortia:** The DGSD is a founding member of and an active participant in the DuPage River Salt Creek Workgroup, as well as a member of the National Association of Clean Water Agencies, Illinois Association of Wastewater Agencies, and Midwest Biosolids Association. Participation in organizations representing the best interests of its members and their constituents with helpful, cost-effective services can help address issues of mutual concern.

## X. Conclusion

The findings and results of the comprehensive analysis completed by the Northern Illinois University Center for Governmental Studies reflect the ongoing commitment of the Downers Grove Sanitary District to environmental sustainability, energy efficiency, sound resource management, fiscal responsibility, outstanding customer service, and overall operational efficiency and effectiveness.

The District's proactive compliance with the Illinois Local Government Efficiency Act and its focus on innovative practices, transparency, and community engagement demonstrate its ongoing dedication to fulfilling its mission in the best interests of its customers and the surrounding community. By maintaining these core values and embracing continuous improvement, the District is well-positioned to navigate future challenges, attract and retain top talent, and uphold its reputation as a leader in public service and environmental stewardship.

## XI. References/Resources

American Water Works Association (AWWA). 2022. G510-21 AWWA Standard, Wastewater Treatment Plant Operation and Management. Denver, CO.

American Water Works Association. Emergency Planning for Water and Wastewater Utilities.

<https://www.awwa.org/portals/0/files/publications/documents/m19lookinside.pdf>

American Water Works Association (AWWA) by F. Bloetscher. 2011. ISBN 9781583218235. Utility Management For Water and Wastewater Operators. Denver, CO.

Capital Budgeting and Finance: A Guide for Local Governments, J. Marlowe, Riverbank, W., and Vogt, A.J., ICMA Press, 2<sup>nd</sup> Edition, (2009) Washington, DC.

GFOA Recommended Budget Practices, Government Finance Officers Assoc., (1999) Chicago, IL.

*Journal of the American Water Works Association*, (various eds.) John Wiley and Sons and AWWA, Denver, CO.

Nalbandian, J. (1991). *Professionalism in local government*. San Francisco: Jossey-Bass. *Public Works Management Practices Manual* (8th Ed), APWA, American Public Works Association, Kansas City, MO.

U.S. EPA 2012 Guidelines for Water Reuse.

<https://www.epa.gov/sites/default/files/2019-08/documents/2012-guidelines-water->

[reuse.pdf.](#)

# DOWNERS GROVE SANITARY DISTRICT

## MEMO

TO: Amy R. Underwood  
General Manager

FROM: Carly Shaw  
Administrative Supervisor

DATE: September 4, 2024

RE: Administrative Services Progress Report – August 2024

### ADMINISTRATIVE

#### Personnel

An offer was accepted for the Sewer System Technician position. The post offer conditions need to be completed, at which time a start date will be set.

#### 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 timekeeping system is working well. We have had a few lingering issues that are being addressed by Andrews Technology. Once these wrap up, the project will be completed, and we will have their support team assist with any other issues that may arise.

The go live date for BS&A accounting software is set for June 2, 2025. We will have planning meetings starting in November with our Project Manager and team from BS&A.

We are looking into adding a tablet for customers to use so they can pay their bills on our utilizing our payment portal when they come into the office to make payments. We have some older tablets at the office that will be tested to see if we can use those for this service to save the District some money.

### 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.

The CD with TriState Financial expired on August 9, 2024 and was renewed for a two-year term at 4.00%. Staff is also investigating other investment options to include more long-term opportunities to secure current rates and simplify the process of investing our funds.

### Annual Audit

The audit was presented at the August Board Meeting. A copy has been sent to the County and we are currently working on the CAFR to file with the IL Comptroller by October 31. A single audit is being prepared for the Curtiss Street Lining project as it was funded by a federal grant in an amount greater than \$750,000. The auditors have 9 months to complete this audit.

### User Billing

Detailed billing information is attached to this report. Please note that in my progress report for June 2024, the year-to-date budgeted billable flow was incorrect. This should have been 549,599,391 with a percentage of actual year-to-date billable flow to the budgeted billable flow as 97.11%.

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

## USER BILLING SUMMARY

### User Charge System

Billings for August 2024 were as follows:

User	\$548,182.29
Surcharge	59,053.05
Monthly fees	449,960.97
Total	<u>\$1,057,196.31</u>
Summer Usage Adjustment	\$34,739.12
Billable Flow	186,706,607
Budgeted Billable Flow	193,783,062
% Actual/Budgeted Billable Flow	96.35%
YTD Billable Flow	720,449,587
YTD Budgeted Billable Flow	743,382,403
% Actual/Budgeted Billable Flow	96.92%

The user accounts receivable balance on 8/31/2024 is \$994,507.39 and consists of:

Current charges due 9/16/2024	\$830,436.78
Past due charges and penalty	164,070.61
Total	<u>\$994,507.39</u>

The past due charges represent:

<u>Age</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$46,592.85	\$7,253.18	\$53,846.03
60 days past due	31,017.92	5,874.73	36,892.65
90 days & greater past due	61,338.78	11,993.15	73,331.93
	<u>                    </u>	<u>                    </u>	<u>                    </u>
Totals	\$138,949.55	\$25,121.06	\$164,070.61



Summary of  
Past Due Charges  
(90 Days and Over)

Five Year Comparison

**August**

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2024	\$61,338.78	\$11,993.15	\$73,331.93
2023	56,820.77	9,871.97	66,692.74
2022	38,182.42	7,914.98	46,097.40
2021	85,080.45	13,899.39	98,979.84 *
2020	91,467.51	10,158.49	101,626.00 *

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

**Twelve Months Ending August 2024**

<u>Month</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
8/31/24	61338.78	\$11,993.15	\$73,331.93
7/31/24	\$58,557.54	\$10,989.31	\$69,546.85
6/30/24	60,791.09	11,755.76	72,546.85
5/31/24	56,724.94	11,565.75	68,290.69
4/30/24	58,809.41	10,989.40	69,798.81
3/31/24	68,937.10	12,132.98	81,070.08
2/29/24	79,375.87	12,955.12	92,330.99
1/31/24	89,625.98	12,900.38	102,526.36
12/31/23	95,040.68	14,211.80	109,252.48
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

There were 43 accounts scheduled for Pre-Enforcement on August 15, 2024 of which 28 accounts have paid in full. There are 26 accounts scheduled for Pre-Enforcement on September 16, 2024, of which 4 have already paid in full.

**To:** Amy Underwood, General Manager  
**From:** Marc Majewski, Operations Supervisor  
**Date:** September 11, 2024  
**Subject:** August 2024 WWTC Operations Report

Dear Amy,

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

**Operations Highlights:**

**1. Monthly flow:**

- Average daily flows: 8.00 MGD (Million Gallons per Day)
- Total precipitation: 3.60 inches
- Excess Flow days: 0
- Days of discharge over 11 MGD: 3

**2. Activated Sludge:**

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

**3. Anaerobic Digesters:**

- Pumped Volumes:
  - Primary Sludge: 658,175 gallons
  - TWAS (Thickened Waste Activated Sludge): 309,265 gallons
  - Waste grease: 267,204 gallons

**4. Digester Gas:**

- Total production: 5,578,833 cubic feet
- Usage Breakdown:
  - Heat Exchangers: 75,857 cubic feet
  - CHP facilities: 4,874,210 cubic feet
- Flared gas recorded: 171,931 cubic feet
- Munters dehumidifier gas consumption: 456,834 cubic feet

**5. Biosolids:**

- Distributed 51 Dry tons of Class A biosolids. Stewart Spreading hauled 240 Dry Tons of Class B biosolids.

**6. Electricity:**

- Overall net energy from ComEd: -39,567 kWh
- Electricity generated by CHP system: 397,347 kWh
- Monthly net energy (including natural gas usage): -37 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
8/1/2024	0.33	11.72	4.05	7.32	0.00	0.00	0.00	0.00	0.00	0.00	7.32	11.72	0.00
8/2/2024	0.01	20.10	8.14	10.44	0.00	0.00	0.00	0.00	0.00	0.00	10.44	20.10	0.00
8/3/2024	0.00	10.43	5.26	7.49	0.00	0.00	0.00	0.00	0.00	0.00	7.49	10.43	0.00
8/4/2024	0.00	10.36	4.00	7.06	0.00	0.00	0.00	0.00	0.00	0.00	7.06	10.36	0.00
8/5/2024	0.03	10.20	4.22	7.24	0.00	0.00	0.00	0.00	0.00	0.00	7.24	10.20	0.00
8/6/2024	0.00	9.23	4.11	7.18	0.00	0.00	0.00	0.00	0.00	0.00	7.18	9.23	0.00
8/7/2024	0.00	9.57	3.85	6.90	0.00	0.00	0.00	0.00	0.00	0.00	6.90	9.57	0.00
8/8/2024	0.00	9.72	0.59	6.43	0.00	0.00	0.00	0.00	0.00	0.00	6.43	9.72	0.00
8/9/2024	0.00	9.16	3.68	6.72	0.00	0.00	0.00	0.00	0.00	0.00	6.72	9.16	0.00
8/10/2024	0.00	9.53	3.69	6.51	0.00	0.00	0.00	0.00	0.00	0.00	6.51	9.53	0.00
8/11/2024	0.00	9.31	3.51	6.50	0.00	0.00	0.00	0.00	0.00	0.00	6.50	9.31	0.00
8/12/2024	0.00	9.39	3.51	6.70	0.00	0.00	0.00	0.00	0.00	0.00	6.70	9.39	0.00
8/13/2024	0.00	9.15	3.44	6.58	0.00	0.00	0.00	0.00	0.00	0.00	6.58	9.15	0.00
8/14/2024	0.00	9.41	3.40	6.62	0.00	0.00	0.00	0.00	0.00	0.00	6.62	9.41	0.00
8/15/2024	0.31	16.35	3.61	7.86	0.00	0.00	0.00	0.00	0.00	0.00	7.86	16.35	0.00
8/16/2024	1.67	26.21	7.65	15.56	0.00	0.00	0.00	0.00	0.00	0.00	15.56	26.21	0.00
8/17/2024	0.04	21.61	10.08	12.69	0.00	0.00	0.00	0.00	0.00	0.00	12.69	21.61	0.00
8/18/2024	0.00	11.95	6.50	9.21	0.00	0.00	0.00	0.00	0.00	0.00	9.21	11.95	0.00
8/19/2024	0.00	17.19	5.26	8.70	0.00	0.00	0.00	0.00	0.00	0.00	8.70	17.19	0.00
8/20/2024	0.00	10.91	4.25	7.32	0.00	0.00	0.00	0.00	0.00	0.00	7.32	10.91	0.00
8/21/2024	0.00	10.11	3.95	7.04	0.00	0.00	0.00	0.00	0.00	0.00	7.04	10.11	0.00
8/22/2024	0.00	11.55	3.78	6.96	0.00	0.00	0.00	0.00	0.00	0.00	6.96	11.55	0.00
8/23/2024	0.00	9.87	3.67	6.55	0.00	0.00	0.00	0.00	0.00	0.00	6.55	9.87	0.00
8/24/2024	0.00	10.10	3.53	6.60	0.00	0.00	0.00	0.00	0.00	0.00	6.60	10.10	0.00
8/25/2024	0.00	9.75	3.68	6.72	0.00	0.00	0.00	0.00	0.00	0.00	6.72	9.75	0.00
8/26/2024	0.00	10.09	3.55	6.76	0.00	0.00	0.00	0.00	0.00	0.00	6.76	10.09	0.00
8/27/2024	0.74	17.65	3.54	7.48	0.00	0.00	0.00	0.00	0.00	0.00	7.48	17.65	0.00
8/28/2024	0.47	24.74	11.50	14.99	0.00	0.00	0.00	0.00	0.00	0.00	14.99	24.74	0.00
8/29/2024	0.00	11.95	6.37	8.93	0.00	0.00	0.00	0.00	0.00	0.00	8.93	11.95	0.00
8/30/2024	0.00	11.78	5.02	8.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	11.78	0.00
8/31/2024	0.00	10.02	4.35	7.08	0.00	0.00	0.00	0.00	0.00	0.00	7.08	10.02	0.00
Minimum	0.00	9.15	0.59	6.43	0.00	0.00	0.00	0.00	0.00	0.00	6.43	9.15	0.00
Maximum	1.67	26.21	11.50	15.56	0.00	0.00	0.00	0.00	0.00	0.00	15.56	26.21	0.00
Total	3.60	389.13	145.75	248.14	0.00	0.00	0.00	0.00	0.00	0.00	248.14	389.13	0.00
Average	0.12	12.55	4.70	8.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	12.55	0.00

## Monthly Operations Report Page 2

	Tertiary Flow	MLSS Avg	Activated Sludge Inventory Lbs MLSS	Activated Sludge SRT Days	15 Minutes Aeration Settling %	30 Minutes Aeration Settling %	60 Minutes Aeration Settling %	Sludge Volume Index	System 1 RAS TSS	System 2 RAS TSS	Dupage River Outfall DO
Date	MGD		LBS	DAYS	mL/L	mL/L	mL/L	mL/g	mg/l	mg/l	mg/l
8/1/2024	7.32	2,002	62,098	15.08	19	16	16	81	4,089		
8/2/2024	10.44	2,107	65,355	12.44	20	16	15	77		4,424	
8/3/2024	7.49		65,355	11.56							
8/4/2024	7.06		65,355	11.56							
8/5/2024	7.24	1,928	59,817	13.51	18	15	14	79		3,598	7.4
8/6/2024	7.18	2,017	62,581	14.80	18	15	14	74	3,449		7.2
8/7/2024	6.90	1,881	58,365	18.43	15	14	14	76		2,715	7.3
8/8/2024	6.43	1,810	56,155	19.26	18	15	15	83	3,201		
8/9/2024	6.72	2,008	62,281	19.49	17	15	14	75		3,003	
8/10/2024	6.51		62,281	18.89							
8/11/2024	6.50		62,281	18.98							
8/12/2024	6.70	2,107	65,363	17.53	19	16	11	75		3,376	7.0
8/13/2024	6.58	2,089	64,815	17.03	19	16	16	79	3,476		7.0
8/14/2024	6.62	2,204	68,365	18.50	19	16	16	75		3,206	7.1
8/15/2024	7.86	2,122	65,840	16.79	20	16	15	77	3,481		
8/16/2024	15.56	1,823	56,548	6.57	17	15	14	80		6,844	
8/17/2024	12.69		56,548	6.76							
8/18/2024	9.21		74,386	6.76							
8/19/2024	8.70	1,939	60,162	12.03	22	18	17	91		4,270	7.5
8/20/2024	7.32	2,046	63,487	13.56	23	19	18	92	3,608		7.6
8/21/2024	7.04	2,254	69,928	17.80	23	19	18	84		3,434	7.6
8/22/2024	6.96	2,132	66,157	16.08	24	19	18	92	3,609		
8/23/2024	6.55	2,118	65,721	14.85	24	19	18	89		3,693	
8/24/2024	6.60		65,721	14.75							
8/25/2024	6.72		65,721	14.74							
8/26/2024	6.76	2,234	69,321	14.41	25	21	19	96		3,877	7.3
8/27/2024	7.48	2,242	69,567	13.57	27	22	20	97	3,708		7.3
8/28/2024	14.99	1,932	59,927	6.23	21	17	16	89		6,873	6.6
8/29/2024	8.93	2,199	68,209	7.07	29	23	21	103	3,359		
8/30/2024	8.00	2,265	70,260	12.29	30	22	20	98		3,924	
8/31/2024	7.08		70,260	12.28							
Minimum	6.43	1,810	56,155.50	6.23	15.26	14.26	11.26	74.39	3,201	2,715	6.6
Maximum	15.56	2,265	74,385.74	19.49	29.51	22.51	20.51	102.83	4,089	6,873	7.6
Total	248.14	45,460	1,998,233.46	433.59	470.19	385.20	357.78	1,861.00	31,980	53,237	86.9
Average	8.00	2,066	64,459.03	13.99	21.23	17.45	16.32	84.64	3,553	4,095	7.2

# Monthly Operations Report Page 3

	Tertiary Flow	Influent BOD 5	Primary Clarifier BOD 5	Intermediate Clarifier CBOD 5	Tertiary Effluent CBOD 5	Tertiary Effluent CBOD 5 Load	BOD 5 Removal %	Ambient Air Temp Min	Ambient Air Temp Max	Influent Flow Temp
Date	MGD	mg/l	mg/l	mg/l	mg/l		%	Deg F	Deg F	Deg F
8/1/2024	7.32	176	100	1.6	2.0	122	98.2	71	93	68.9
8/2/2024	10.44							70	92	
8/3/2024	7.49							70	100	
8/4/2024	7.06							69	94	
8/5/2024	7.24	140	116		1.4	85	98.3	74	100	69.6
8/6/2024	7.18	184	102	1.2	0.9	54	98.9	68	81	69.4
8/7/2024	6.90	174	217		1.4	81	98.6	66	84	69.4
8/8/2024	6.43	178	213	1.8	1.6	86	98.4	61	88	69.4
8/9/2024	6.72							60	77	
8/10/2024	6.51							56	80	
8/11/2024	6.50							57	83	
8/12/2024	6.70	191	125		1.6	89	98.4	57	86	69.2
8/13/2024	6.58	205	110	1.2	2.0	110	98.4	60	92	69.8
8/14/2024	6.62	225	145		2.0	110	98.8	62	91	69.8
8/15/2024	7.86	240	112	4.2	2.5	164	98.4	68	77	70.3
8/16/2024	15.56							68	91	
8/17/2024	12.69							70	87	
8/18/2024	9.21							69	83	
8/19/2024	8.70	208	173		1.6	116	98.8	63	81	69.6
8/20/2024	7.32	235	115	3.0	1.0	61	99.1	56	78	69.4
8/21/2024	7.04	247	104		0.5	29	99.3	53	80	69.4
8/22/2024	6.96	293	138	1.2	0.8	46	99.2	50	83	70.2
8/23/2024	6.55							55	86	
8/24/2024	6.60							61	94	
8/25/2024	6.72							75	94	
8/26/2024	6.76	196	127		1.0	56	99.1	79	99	70.7
8/27/2024	7.48	211	100	2.1	1.0	62	99.1	75	104	70.9
8/28/2024	14.99	98	66		1.2	150	96.4	73	104	70.5
8/29/2024	8.93	242	87	1.5	1.2	89	99.2	73	92	70.2
8/30/2024	8.00							72	91	
8/31/2024	7.08							60	89	
Minimum	6.43	98	66	1.2	0.50	29	96.4	50	77	68.9
Maximum	15.56	293	217	4.2	2.50	164	99.3	79	104	70.9
Total	248.14	3,443	2,150	17.8	23.70	1,512	1,676.6	1,187	2,755	1,186.7
Average	8.00	203	126	2.0	1.39	89	98.6	65	89	69.8

## Monthly Operations Report Page 4

	Tertiary Flow	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent TSS	Tertiary Effluent TSS Load	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
8/1/2024	7.32	208	59	1.8	0.6	37	99.7	7.6	7.4	7.1	7.1
8/2/2024	10.44	212			0.9	78	99.6	7.6	7.4	7.1	7.2
8/3/2024	7.49	380			0.9	56	99.8				
8/4/2024	7.06	196			1.2	71	99.4				
8/5/2024	7.24	200	67		0.9	54	99.6	7.5	7.4	7.3	7.2
8/6/2024	7.18	208	59	3.2	0.8	48	99.6	7.6	7.5	7.4	7.2
8/7/2024	6.90	176	29		0.9	52	99.5	7.5	7.4	7.2	7.2
8/8/2024	6.43	188	97	6.0	0.6	32	99.7	7.5	7.4	7.2	
8/9/2024	6.72	188			0.7	39	99.6	7.6	7.3	7.1	7.2
8/10/2024	6.51	176			0.5	27	99.7				
8/11/2024	6.50	168			0.6	33	99.6				
8/12/2024	6.70	204	63		0.4	22	99.8	7.5	7.3	7.1	7.4
8/13/2024	6.58	208	49	2.0	0.8	44	99.6	7.5	7.4	7.0	7.1
8/14/2024	6.62	212	54		0.8	44	99.6	7.5	7.2	7.0	7.2
8/15/2024	7.86	236	75	13.8	1.2	79	99.5	7.5	7.4	7.0	7.1
8/16/2024	15.56	216			1.3	169	99.4	7.5	7.4	6.9	7.3
8/17/2024	12.69	80			1.0	106	98.8				
8/18/2024	9.21	120			0.7	54	99.4				
8/19/2024	8.70	196	143		0.8	58	99.6	7.5	7.3	7.3	7.3
8/20/2024	7.32	224	68	13.2	0.5	31	99.8	7.5	7.4	7.2	7.3
8/21/2024	7.04	236	57		1.2	70	99.5	7.5	7.3	7.2	7.2
8/22/2024	6.96	304	87	3.8	0.4	23	99.9	7.5	7.2	7.1	7.2
8/23/2024	6.55	296			0.2	11	99.9	7.5	7.5	7.1	7.2
8/24/2024	6.60	200			0.4	22	99.8				
8/25/2024	6.72	154			0.3	17	99.8				
8/26/2024	6.76	230	108		0.3	17	99.9	7.5	7.5	7.2	7.2
8/27/2024	7.48	230	76	9.6	0.2	12	99.9	7.6	7.4	7.0	7.0
8/28/2024	14.99	164	61		0.9	113	99.5	7.6	7.6	6.9	7.0
8/29/2024	8.93	220	60	7.4	0.4	30	99.8	7.6	7.6	7.2	7.2
8/30/2024	8.00	208			0.8	53	99.6	7.5	7.4	7.2	7.3
8/31/2024	7.08	156			0.6	35	99.6				
Minimum	6.43	80	29	1.8	0.2	11	98.8	7.5	7.2	6.9	7.0
Maximum	15.56	380	143	13.8	1.3	169	99.9	7.6	7.6	7.4	7.4
Total	248.14	6,394	1,212	60.8	21.8	1,537	3,088.4	165.7	162.7	156.8	151.1
Average	8.00	206	71	6.8	0.7	50	99.6	7.5	7.4	7.1	7.2



# 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
8/1/2024	7.32	24.15	0.10	6.1		
8/2/2024	10.44					
8/3/2024	7.49					
8/4/2024	7.06	23.46	0.10	5.9		
8/5/2024	7.24	23.72	0.10	6.0		
8/6/2024	7.18	27.76	0.10	6.0	0.015	3
8/7/2024	6.90	24.56	0.10	5.8	0.015	4
8/8/2024	6.43	25.49	0.10	5.4		
8/9/2024	6.72					
8/10/2024	6.51					
8/11/2024	6.50	22.38	0.16	8.7		
8/12/2024	6.70	32.79	0.16	8.9		
8/13/2024	6.58	23.11	0.15	8.2	0.015	5
8/14/2024	6.62	26.74	0.13	7.2	0.015	3
8/15/2024	7.86	24.51	0.13	8.5		
8/16/2024	15.56					
8/17/2024	12.69					
8/18/2024	9.21	14.48	0.12	9.2		
8/19/2024	8.70	18.60	0.10	7.3		
8/20/2024	7.32	20.90	0.13	7.9	0.015	0
8/21/2024	7.04	25.13	0.12	7.0	0.015	0
8/22/2024	6.96	26.06	0.10	5.8		
8/23/2024	6.55					
8/24/2024	6.60					
8/25/2024	6.72	21.28	0.10	5.6		
8/26/2024	6.76	26.68	0.14	7.9		
8/27/2024	7.48	29.98	0.11	6.9	0.015	5
8/28/2024	14.99	13.07	0.10	12.5	0.015	11
8/29/2024	8.93	21.20	0.10	7.4		
8/30/2024	8.00					
8/31/2024	7.08					
Minimum	6.43	13.07	0.10	5.4	0.015	0.0
Maximum	15.56	32.79	0.16	12.5	0.015	11.0
Total	248.14	496.05	2.45	154.3	0.120	31.0
Average	8.00	23.62	0.12	7.3	0.015	4.6

## SLUDGE DATA

Primary Sludge	TS	2.45 %	658,175 Gallons
WAS to Thickener	TS	2.08 %	850,990 Gallons
TWAS to Digester 4	TS	5.82 %	309,265 Gallons
Hauled Grease to Digs	TS	7.50 %	267,204 Gallons

## Anaerobically Digested Sludge Pumping

to Drying Beds	TS	2.60 %	94,080 Gallons
to BFP	TS	2.23 %	604,785 Gallons
to Lagoons	TS	%	Gallons
Total			698,865 Gallons
VS Destruction			59.4 %

## Biosolids Disposal

Class A Distribution	Aug	51 Dry Tons
Class B Hauling	Aug	240 Dry Tons
Total	Aug	291 Dry Tons
Class A Distribution	YTD	564 Dry Tons
Class B Hauling	YTD	440 Dry Tons
Total	YTD	1,004 Dry Tons

## ENERGY DATA

Total Digester Gas Production	5,578,833 SCF
Gas Volume per Volatile Solids Load	14.6 Cu.Ft./Lb.

## Digester Gas Utilization

Heat Exchangers	75,857 SCF
Dehumidification	456,834 SCF
CHP	4,874,210 SCF
Total	5,406,901 SCF

## Digester Gas Flared

171,931 SCF

## Natural Gas Consumed

WWTC	4,533 SCF
MSB	2,933 SCF
Chemical Feed	100 SCF
5006 Walnut	0 SCF

Kilowatt-hours Generated CHP	397,347 KWH
Net energy from Comed	-39,567 KWH
Monthly net energy	-37 MWH

## MISCELLANEOUS

Grit Removal	Aug	20 Cu. Yds
Grit Removal	YTD	180 Cu. Yds
Anaerobic Supernate		928,264 Gallons
Waste Activated Sludge		145,470 Gals/Day
City Water Consumed		97,016 Gallons

## Monthly Operations Report Page 6

	Tertiary Flow	Influent Phosphorus	Tertiary Effluent Phosphorus	Influent Phosphorus Load	Tertiary Effluent Phosphorus Load	Phosphorus Removal %	Influent Nitrogen	Tertiary Effluent Nitrogen	Influent Nitrogen Load	Tertiary Effluent Nitrogen Load	Nitrogen Removal %	Tertiary Effluent Nitrate Grab
Date	MGD	mg/l	mg/l	lbs/day	lbs/day	%	mg/l	mg/l	lbs/day	lbs/day	%	mg/l
8/1/2024	7.32											24.27
8/2/2024	10.44											
8/3/2024	7.49											
8/4/2024	7.06											
8/5/2024	7.24											
8/6/2024	7.18											
8/7/2024	6.90	5.67	4.17	306.8	239.9	26.5						
8/8/2024	6.43											27.88
8/9/2024	6.72											
8/10/2024	6.51											
8/11/2024	6.50											
8/12/2024	6.70	7.04	4.50	367.4	251.6	36.1						
8/13/2024	6.58						43.9	21.7	2,226.9	1,191.3	46.5	
8/14/2024	6.62											
8/15/2024	7.86		4.59		301.0							
8/16/2024	15.56											
8/17/2024	12.69											
8/18/2024	9.21											
8/19/2024	8.70	4.61	2.27	320.5	164.7	50.8						
8/20/2024	7.32		2.96		180.7							
8/21/2024	7.04											
8/22/2024	6.96											26.08
8/23/2024	6.55											
8/24/2024	6.60											
8/25/2024	6.72											
8/26/2024	6.76	5.90	3.78	322.5	213.2	35.9						
8/27/2024	7.48											
8/28/2024	14.99	4.28	3.36	517.2	420.2	21.5						
8/29/2024	8.93											20.26
8/30/2024	8.00											
8/31/2024	7.08											
Minimum	6.43	4.28	2.27	306.8	164.7	21.5	43.9	21.7	2,226.9	1,191.3	46.5	20.26
Maximum	15.56	7.04	4.59	517.2	420.2	50.8	43.9	21.7	2,226.9	1,191.3	46.5	27.88
Total	248.14	27.50	25.63	1,834.3	1,771.3	170.7	43.9	21.7	2,226.9	1,191.3	46.5	98.49
Average	8.00	5.50	3.66	366.9	253.0	34.2	43.9	21.7	2,226.9	1,191.3	46.5	24.62

DMR Copy of Record

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

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER  
5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Permitted Feature:

001  
External Outfall

Discharge:

001-0  
COMBINED DISCHARGE FROM A01, B01, & C01

Report Dates & Status

Monitoring Period:

From 08/01/24 to 08/31/24

DMR Due Date:

09/25/24

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:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.2			=	6.6	19 - mg/L	0
					Permit Req.							Req Mon MO AV MN				Req Mon DAILY MN	19 - mg/L	
					Value NODI													
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	2.6			=	3.2	19 - mg/L	0
					Permit Req.						<=	30.0 MO AVG			<=	45.0 WKLY AVG	19 - mg/L	
					Value NODI													
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.9			=	7.4	12 - SU	0
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	0.7			=	0.9	19 - mg/L	0
					Permit Req.						<=	30.0 MO AVG			<=	45.0 WKLY AVG	19 - mg/L	
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	0.12			=	0.16	19 - mg/L	0
					Permit Req.							Req Mon MO AVG				Req Mon DAILY MX	19 - mg/L	
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	3.66			=	4.59	19 - mg/L	0
					Permit Req.							Req Mon MO AVG				Req Mon DAILY MX	19 - mg/L	
					Value NODI													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.02					19 - mg/L	0
					Permit Req.						<=	0.75 MO AVG					19 - mg/L	
					Value NODI													
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	11.0					13 - #/100mL	0
					Permit Req.						<=	400.0 DAILY MX					13 - #/100mL	
					Value NODI													
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	248.14	80 - Mgal/mo								0
					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*

31 days of discharge. Zero days of discharge combined with A01 and zero days discharge 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: 2024-09-11 09:38 (Time Zone: -05:00)

*Report Last Signed By*

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2024-09-11 09:46 (Time Zone: -05:00)

DMR Copy of Record

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

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER  
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 08/01/24 to 08/31/24

DMR Due Date:

09/25/24

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading				Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample													
					Permit Req.											Req Mon DAILY MN	19 - mg/L	DL/DS - Daily When Discharging
					Value NODI											C - No Discharge		GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample													
					Permit Req.								<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	DL/DS - Daily When Discharging
					Value NODI									C - No Discharge		C - No Discharge		GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample													
					Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU	DL/DS - Daily When Discharging
					Value NODI						C - No Discharge					C - No Discharge		GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													
					Permit Req.								<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	DL/DS - Daily When Discharging
					Value NODI									C - No Discharge		C - No Discharge		GR - GRAB
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
					Value NODI											C - No Discharge		GR - GRAB
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
					Value NODI									C - No Discharge		C - No Discharge		GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample													
					Permit Req.								<=	0.75 MO AVG			19 - mg/L	DL/DS - Daily When Discharging
					Value NODI									C - No Discharge				GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample													
					Permit Req.										<=	400.0 DAILY MX	13 - #/100mL	DL/DS - Daily When Discharging
					Value NODI											C - No Discharge		GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	--	Sample													
					Permit Req.					Req Mon MO TOTAL	80 - Mgal/mo							DL/DS - Daily When Discharging
					Value NODI					C - No Discharge								

Submission Note

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: 2024-09-11 09:39 (Time Zone: -05:00)

*Report Last Signed By*

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2024-09-11 09:46 (Time Zone: -05:00)

DMR Copy of Record

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

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER  
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 08/01/24 to 08/31/24

DMR Due Date:

09/25/24

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample												19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MN			
					Value NODI											C - No Discharge			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample												19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	30.0 MO AVG	<=	45.0 WKLY AVG			
					Value NODI									C - No Discharge		C - No Discharge			
00400	pH	1 - Effluent Gross	0	--	Sample												12 - SU	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM			
					Value NODI						C - No Discharge					C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	30.0 MO AVG	<=	45.0 WKLY AVG			
					Value NODI									C - No Discharge		C - No Discharge			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample												19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX			
					Value NODI											C - No Discharge			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample												19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX			
					Value NODI									C - No Discharge		C - No Discharge			
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample												19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	0.75 MO AVG					
					Value NODI									C - No Discharge					
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample												13 - #/100mL	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										<=	400.0 DAILY MX			
					Value NODI											C - No Discharge			
82220	Flow, total	1 - Effluent Gross	0	--	Sample													DL/DS - Daily When Discharging	
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo									
					Value NODI				C - No Discharge										

Submission Note

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



Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2024-09-11 09:39 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2024-09-11 09:46 (Time Zone: -05:00)

DMR Copy of Record

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

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER  
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 08/01/24 to 08/31/24

DMR Due Date:

09/25/24

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

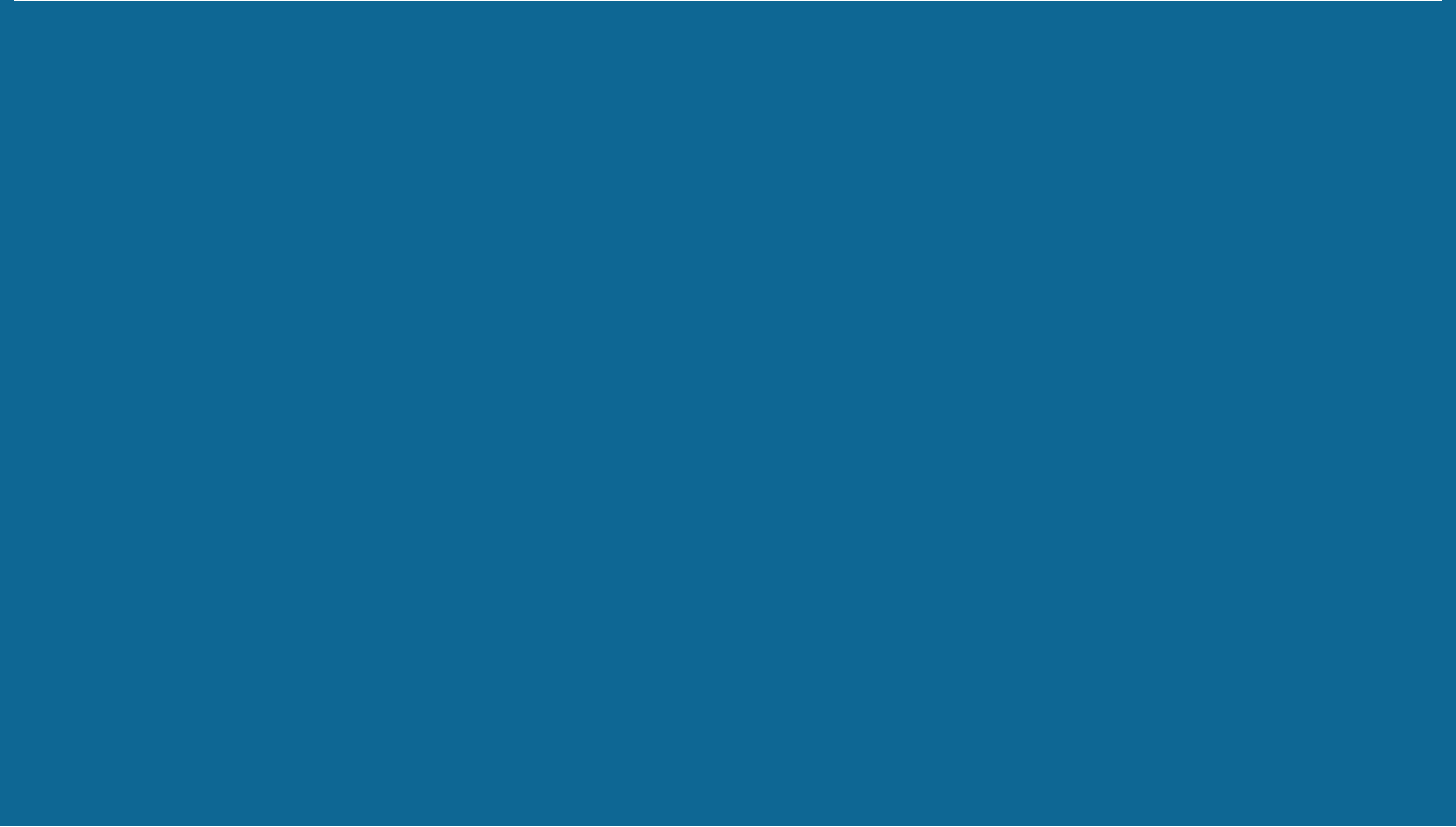
Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:	2024-09-11 09:40 (Time Zone: -05:00)
<i>Report Last Signed By</i>	
User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2024-09-11 09:46 (Time Zone: -05:00)



DMR Copy of Record

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

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER  
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 08/01/24 to 08/31/24

DMR Due Date:

09/25/24

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

					Value NODI								=	4.22	=	4.22	19 - mg/L			01/30 - Monthly	CP - COMPOS
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0		01/30 - Monthly	CP - COMPOS
					Value NODI																
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req.								=			123.0	19 - mg/L			01/30 - Monthly	GR - GRAB
					Value NODI											Req Mon DAILY MX	19 - mg/L	0		01/30 - Monthly	GR - GRAB
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross	0	--	Sample Permit Req.								=			0.0	23 - %				
					Value NODI								<=			10.0 MAXIMUM	23 - %	0			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	=	8.0	=	15.56	03 - MGD										99/99 - Continuous	
					Value NODI		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0		99/99 - Continuous	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req.								<			0.015	19 - mg/L			02/DA - 2 Days Every Week	GR - GRAB
					Value NODI								<=			0.038 DAILY MX	19 - mg/L	0		02/DA - 2 Days Every Week	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req.	=							=	4.63	=	11.0	13 - #/100mL			02/DA - 2 Days Every Week	GR - GRAB
					Value NODI	<=								200.0 GEO MEAN		Req Mon DAILY MX	13 - #/100mL	0		02/DA - 2 Days Every Week	GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample Permit Req.	=	88.92	=	163.94	26 - lb/d			=	1.4	=	2.5	19 - mg/L			04/07 - Four Per Week	CP - COMPOS
					Value NODI	<=	1835.0 MO AVG	<=	3670.0 DAILY MX	26 - lb/d			<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	0		02/DA - 2 Days Every Week	CP - COMPOS

### 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:	2024-09-11 09:44 (Time Zone: -05:00)

## Report Last Signed By

User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2024-09-11 09:46 (Time Zone: -05:00)

DMR Copy of Record

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

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER  
5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Permitted Feature:

C01  
External Outfall

Discharge:

C01-0  
EXCESS FLOW FROM INTERMEDIATE CLARIFIER #1

Report Dates & Status

Monitoring Period:

From 08/01/24 to 08/31/24

DMR Due Date:

09/25/24

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time: 2024-09-11 09:45 (Time Zone: -05:00)

*Report Last Signed By*

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-09-11 09:46 (Time Zone: -05:00)



DMR Copy of Record

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

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER  
5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Permitted Feature:

INF  
Influent Structure

Discharge:

INF-L  
INFLUENT MONITORING

Report Dates & Status

Monitoring Period:

From 08/01/24 to 08/31/24

DMR Due Date:

09/25/24

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample								=	203.0		19 - mg/L	0	09/99 - See Permit	CP - COMPOS	
					Permit Req.									Req Mon MO AVG		19 - mg/L		09/99 - See Permit	CP - COMPOS	
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	206.0		19 - mg/L	0	09/99 - See Permit	CP - COMPOS	
					Permit Req.									Req Mon MO AVG		19 - mg/L		09/99 - See Permit	CP - COMPOS	
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample										=	43.9	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample										=	7.04	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	7.65	=	14.72	03 - MGD							0	99/99 - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous		
					Value NODI															

Submission Note

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

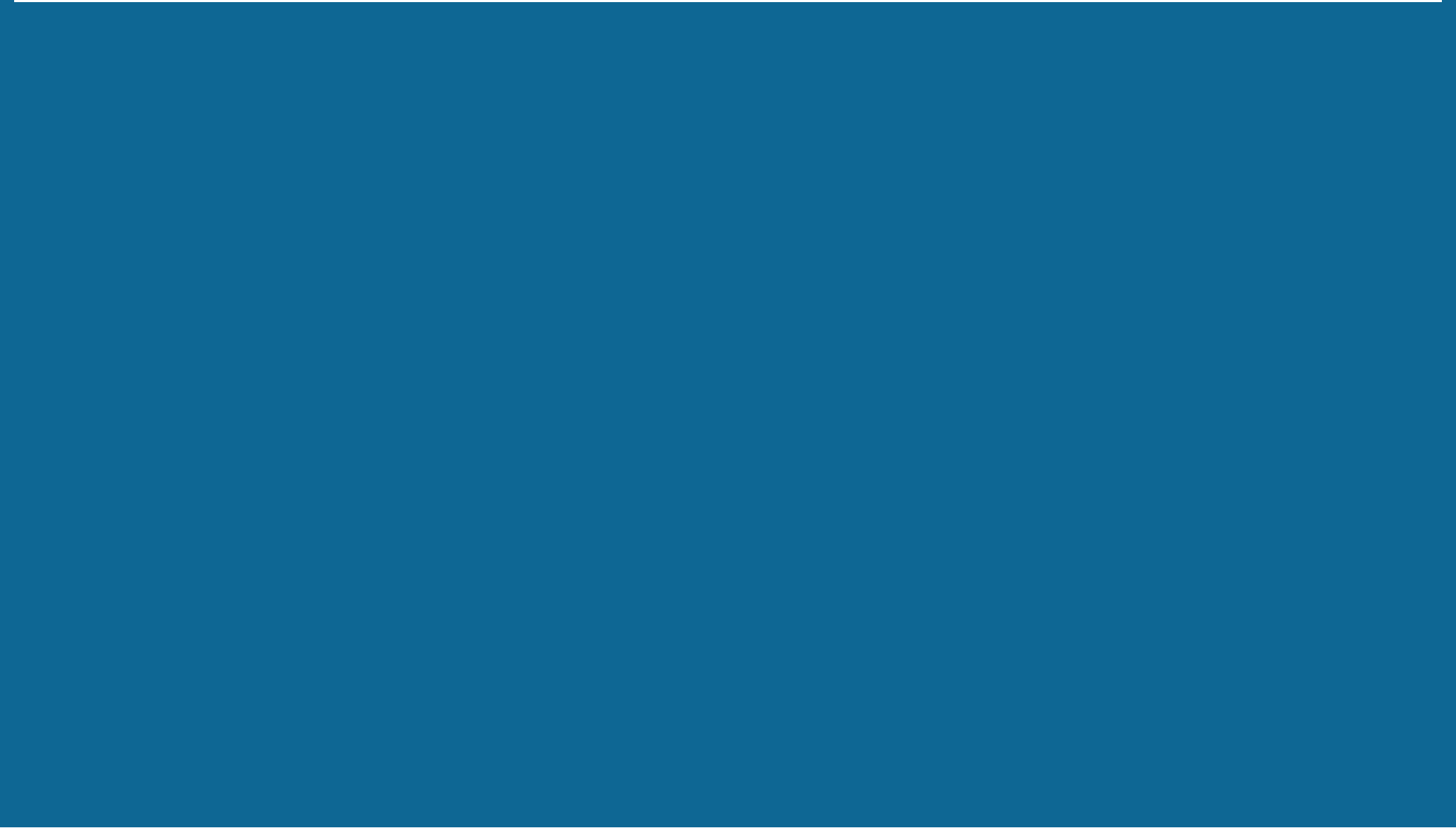
Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:	2024-09-11 09:45 (Time Zone: -05:00)
Report Last Signed By	
User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2024-09-11 09:46 (Time Zone: -05:00)



## DOWNERS GROVE SANITARY DISTRICT

### M E M O

TO: Amy Underwood, General Manager

FROM: Nick Whitefleet, Maintenance Supervisor

DATE: September 17th, 2024

SUBJECT: August 2024 Maintenance Report

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

Special projects in August included:

#### **Primary Clarifier 2 Valve 3 Repair**

Operators reported that valve #3 was not opening or closing properly. Maintenance department electricians and mechanics investigated everything above the waterline and found no defect. The tank was then drained, and mechanics found that the valve linkage between the actuator and the plug valve was no longer fixed to the operator nut on the valve. District mechanics fabricated a new linkage and installed it between the valve and actuator. District electricians reinstalled the actuator and verified operation. The valve assembly is working as expected. The total repair cost for this was \$58.12.

#### **Hobson Pump 4 Overhaul**

A vibration and pump fail alarm received by maintenance on-call personnel resulted in maintenance staff pulling the pump to investigate the cause of alarm. Severe wear and possible damage from solid object(s) to the impeller, pump shaft, and volute wear ring were observed. The complete pump assembly requires overhaul, so it was removed from the station for the work to be performed by Stevenson Crane. All the parts have been ordered and are expected to arrive in January. Fortunately, a pump overhaul was budgeted for at Hobson lift station this fiscal year.

#### **Shop Pipe Threader & Welder Procurement**

The District pipe threader was over 40 years old and has become unreliable. The 20-year-old shop Mig welder had become troublesome, requiring repairs and inconsistent performance. \$12,400 was budgeted for the replacement of both pieces of equipment. After receiving proposals from numerous vendors, we found the best pricing for the welder through Terrace Supply Co. and Grainger for the pipe threader. The total cost for both items came in at \$11,450, \$550 below budget.

### **Microstrainer Building West Furnace Replacement**

The west furnace in the Microstrainer building has not been operational for over a year due to a cracked heat exchanger. \$5,000 was budgeted for its replacement. District Electricians Marco Rendon and Rolf Flechsig removed and replaced the existing furnace with a new high efficiency furnace for the total cost of \$1,900.

### **CHP Gas Cleaning System, Unison Gas Skid Repair**

The Unison Gas skid experienced an unexpected shutdown during the month of August due to a condensate drain level sensor failure. With the help of Unison personnel, maintenance staff were able to identify the problem, get the correct parts ordered and get the gas cleaning skid back in operation within the same day. Once the new parts were received, we were able to schedule the permanent repair work to be performed in a timeframe that would have the least negative impact to the District. The total cost for this repair was \$1,017.63.

### **CHP System – Units 1&2 Operation Update**

**CHP 1:** CHP 1 has been operating throughout the month of August. Oil consumption issues were investigated this month by a Nissen technician. The investigation did not yield a definitive cause for the oil consumption. CHP 1 is due for a planned turbo charger replacement in late September to early October. Although there is no evidence that the turbo is the cause of the consumption, it is possible that it is the issue. We will continue to observe the oil consumption before and after the turbo charger replacement and proceed with the investigation accordingly.

**CHP 2:** CHP 2 operated through the month of August as expected. A battery replacement was required in early August as well as a small repair to the main circuit breaker late in the month.

### **Centex Lift Station Replacement Update:**

The punch list is still in the process of being completed. In the meantime, the station has been operating as expected.

### **Procurement:**

\$938.65 – Altorfer Power Systems, spare jacket water heater for WWTC emergency generators 1,2&3.

\$5,278 – LAI Ltd. Rotork actuator, Primary 6 valve 8

\$5,278 – LAI Ltd. Rotork actuator, waste activated sludge valve

\$1,251 – LAI Ltd. 6” Dezurik plug valve, drying beds 19-20

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

# Work Order Summary

Work Order Completion Dates from 8/1/2024 to 8/30/2024

Work Assignment	Completion Date	Equipment	NOTATIONS
3 Months Inspection on Electric Carts and Front End Loader	01-Aug-24	2016 Club Car Carryall 300 2019 Yamaha UMAX 2 AC (#3) 2022 Club Car Carryall 500	
Monthly Underground Storage Tanks Inspection		Emerg Gen Diesel Storage Tank	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
34,028 Hours, Change Oil	02-Aug-24	CHP Engine Genset #2	Changed Oil and oil filters. Took oil sample and sent to lab for analysis. Sample ID# IND-72004.
Basement Vent Fan, Replace Motor		Microstrainer Building	Replaced vent fan motor that failed with new in microstrainer basement.
Bumper Crane Repair	05-Aug-24	2013 FORD F-150 Reg Cab	Replaced broken release pin with new.
Check Sump Pumps at The WWTC and Administration Bldg.		Administration Center Blower Building	
24,141 hours Oil Change		CHP Engine Genset #1	Changed oil and oil filters. Took oil sample and sent for lab analysis, #IND-72005.
Check Sump Pumps at The WWTC and Administration Bldg.		Digester 1 and 2 Control Bldg Digester 3 Control Building Digester 4 - 5 Control Buildg Excess Flow Pump Station Excess Flow Sludge Pump House Grit Building Hypochlorite Feed Blg Interm Clarifier Sludge Bldg Maintenance Services Building Microstrainer Building Operations Center Raw Sewage Pump Station Tunnel/Chan Aeration Tank 1-11	
Battery fill tube connector replacement	06-Aug-24	2019 Yamaha UMAX 2 AC (#3)	Replaced connector on cart battery fill hose and on filler pump.
Secure Hallway runner to tile		Administration Center	Procured and installed double sided tape to resecure the carpet.

Work Assignment	Completion Date	Equipment	NOTATIONS
Replace Discharge Force Main Air Relief Valve (1)	07-Aug-24 -	Centex Discharge Force Main	Removed and replaced 1 force main air relief valve. Rebuilt assembly that was removed.
Ht. Ex. 4 Actuator Fail		CHP Heat Recovery System	Heat loop actuator for HT. Ex.4 bypass - Replaced actuator arm with new from stock. Ordered replacement for stock.
Replace Drive Belt		Grit Blower 3 Kaeser	Replaced the belt with new from stock. Ordered new belt for stock.
Replace Discharge Force Main Air Relief Valves (2)		Hobson Discharge Force Main	Removed and replaced 2 force main air relief valves. Rebuilt assemblies that were removed.
		Wroble Discharge Force Main	
Check all life ring boxes and clean if needed.	08-Aug-24		
Change small air filter located on Unison Control Panel A/C Air intake		CHP Gas Cleaning System	
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Roof fan repairs	08-Aug-24	Grit Building	Replaced 1/12th HP motor (North-East Corner), Replaced belt and motor (1/2 hp) at North-West corner of build roof vent fan assys.
Replace Discharge Force Main Air Relief Valves (4)		Liberty Park Dschrg Force Main	Removed and replaced 2 force main air relief valves (2nd & 4th from station). Rebuilt assemblies that were removed. Fairview valve required isolation valve replacement.
Replace Discharge Force Main Air Relief Valves (2)		Venard Discharge Force Main	Removed and replaced 2 force main air relief valves. Rebuilt assemblies that were removed.
Roof fan repairs, 3 impellers, 1 motor		Filter Building	Replaced impellers on the 3 larger assemblies \$515.22 (Grainger). Replaced motor on smaller assembly \$347.54 (Grainger).
Annual Oil Change Gear Reducer Grit Conveyors.		Grit Conveyor System	
Replace Discharge Force Main Air Relief Valves (3)	09-Aug-24	Northwest Discharge Force Main	Removed and replaced 3 force main air relief valves. Rebuilt assemblies that were removed.
Lubricate skid steer and attachment mechanisim		2019 Skid Steer	
Annual Oil Change Screening Compactors & Conveyor Reducers		Bar Screen Rag Compactor	
Bi-Monthly check of all ladders		Belt Filter Press Building	
		Bisulfite Building	
		Blower Building	
		CHP Engine Genset #2	
		Digester 3 Control Building	
		Digester 4 - 5 Control Buildg	
Exercise of Excess Influent and Effluent Gates		Excess Flow Clarifier 1	
		Excess Flow Clarifier 2	
		Excess Flow Clarifier 3	
		Excess Flow Clarifier 4	
Bi-Monthly check of all ladders		Excess Flow Pump Station	

Work Assignment	Completion Date	Equipment	NOTATIONS
		Excess Flow Sludge Pump House	
		Filter Building	
		Hypochlorite Feed Blg	
		Maintenance Services Building	
		Microstrainer Building	
		Operations Center	
2 MONTH OUTFALL ROAD INSPECTION AND CLEARING		Outfall 001 Pipe/Sample Trough	
Bi-Monthly check of all ladders		System Garage	
Exercise both 24" primary influent ratio valves		Tunnel From PS to Grit	
		Tunnel/Chan Primary Clarifiers	
MONTHLY CLEANING OF TWAS HOPPERS		WAS Volute Thickener	
REPLACE OIL ABSORBENT PADS IN GREASE CABINET	12-Aug-24	Administration Center	
Change Pre-Filters Blowers 1 - 4.		Blower Bag Room	
Install Fence for Screening		Centex Lift Station	Received 3 quotes for fence installation. Discount fence was best price and installed beige 6' vinyl fence on South & West sides of station.
34,226 hours, Replace batteries with new		CHP Engine Genset #2	West Battery failed. Replaced both batteries with new.
Check Hose Connections On #2 & #4 PEARTH Units		Digester 2 Mixing System	
		Digester 4 Mixing System	
EXCESS 003- Exercise 30" and 24" DEZURIK Valves		Excess Flow 003 Valves	
Grease fittings on munters unit		Filter Building	
6 months greasing of op station roof vent blowers		Operations Center	
2000 Hour Grease of Plant Effluent Pumps		Plant Effluent Water Pump #2	
Six Month Oil Change Primaries 1 & 2 Long Collector		Primary Clarifier 1	
		Primary Clarifier 2	
3 Month Grease- Secondaries 1 & 2		Secondary Clarifier 1	
		Secondary Clarifier 2	
Exercise Ratio Valve #2		Tunnel - System 2 RAS	
CLEAN TWAS POLYMER EFFLUENT STRAINER		WAS Thickener Polymer System	
ATS Cabinet, replace door seal and door hardware.		Wroble Stationary Generator	Removed and replaced ATS cabinet door gasket. Repaired door cam locks. Replaced damaged pipe nipples and repainted damaged portion of cabinet.
24,230 hours. 1,200 hour service	13-Aug-24	CHP Engine Genset #1	Performed all aspects of a 1,200 hour service. Replaced air filter, valve cover gaskets and ignition insulators.
Check Roof Vent Fans - Replace Belts		Operations Center	Check both Ops. Center roof fans, 1 broken belt, 1 worn out. Replaced both with new.
Test No. 200 Generator at Butterfield, Venard or Liberty Park		Portable Generator 200	Inspected and load tested at Centex lift station.

Work Assignment	Completion Date	Equipment	NOTATIONS
Restore grade and seed after fence installation.	14-Aug-24	Centex Lift Station	Graded Southwest corner of station, spread top soil and reseeded.
Biogas Feed to HE leaking - Repair		Digester 4 Heat Exchanger	Repaired gas feed to H.E. 4 (NW corner of bldg.) Replaced damaged nipple with new, installed new valve from stock.
2 MONTH EXERCISE AND INSPECTION OF PORTABLE GENERATORS		Portable Generator 150	Inspected and load tested all three portable generators. 150 kw required fuel line cleaning to start.
		Portable Generator 200	
		Portable Generator 350	
Jetter Truck transmission repair.	15-Aug-24	2011 Freightliner M2	
Vac-Con repair.		2023 VAC-CON	Replaced suspension bolts, tire rotation, paint touch up.
Check All Fluids In The Equipment Listed Below	16-Aug-24	2009 Sterling LT 7500	
		2014 Freightliner M2106 6 yd d	
		2015 Wheel Loader #332	
		2017 Deere 544K Wheel Loader	
Repair Auger #5		2019 AUGER DAWG G-30 3F052	Diagnose and replace hydraulic motor on Auger #5.
Check All Fluids In The Equipment Listed Below		2019 Skid Steer	
		2022 Deere 244L Wheel Loader	
		4 inch EBARA Pump (Old Jaeger)	
		6 in CH&E DSL TRSH PMP PERKIN	
		6 in CHE Diesel Trash Pump C/P	
		6 in JAEGER PUMP ( FORD )	
Replace broken caster on rag dumpster		Bar Screen Rag Compactor	Replaced non-swivel castor on rag dumpster with new.
Procure JW Heater for spare		Emergency Generator 1	Ordered spare JW heater for WWTC emergency generators 1,2&3.
		Emergency Generator 2	
		Emergency Generator 3	
Check All Fluids In The Equipment Listed Below		Portable Generator 150	
		Portable Generator 200	
		Portable Generator 350	
		WWTC ODS Pump Air Compressor	
Replace flat tire with new	19-Aug-24	2014 Ford F-150 4x2 Shortbed	Flat tire, non-repairable, replaced 1 tire with new.
24,372 Hours, investigate oil consumption / leak		CHP Engine Genset #1	Henrik from Nissen onsite to investigate oil consumption. Ultimately no conclusion was made.
Digester 1 Mixing System Semi-Annual/2000 Hour Oil Change		Digester 1 Mixing Pump	
3 Month check and repair of Belt Press Ventilation Fans	20-Aug-24	Belt Filter Press Building	All fans working propoerly.
Procure Engine Oil		CHP Engine Genset #1	Ordered engine oil for both CHP's (Nissen), 4 - 55 Gallon



Work Assignment	Completion Date	Equipment	NOTATIONS
			drums.
Replace condensate level sensor with new		CHP Engine Genset #2	
Check, Remove,Clean. Grease-debris from wells		CHP Gas Cleaning System	Replaced South most condensate drain level sensor with new. Modified electrical connection.
		Excess Flow Pump Station	Removed and cleaned.
		Raw Sewage Pump Station	
Inspect Heat exchanger for signs of oil leak	21-Aug-24	CHP Engine Genset #1	Removed upstream exhaust piping and H.E. end cap for inspection, no signs of oil. Reinstalled piping w/ new gaskets.
6000 Hour Oil Change on Unison Gas Skid Blower		CHP Gas Cleaning System	
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Replace burnt out light bulb on roof	22-Aug-24	2019 Yamaha UMAX 2 AC (#3)	Replaced burnt out light bulb on roof light.
Modify gas piping in basement for Microstrainer feed		Digester 4 - 5 Control Buildg	Installed drain extension in basement for gas feed to Microstrainer. All stainless piping utilized.
Quartely Flow Test In Maintenance Garage		Maintenance Services Building	
3 MONTH CHANGE OF PREFILTERS ON HONEYWELL AIR PUR	23-Aug-24	Administration Center	Pre filters changed on all air purifiers. Filters used from stock.
Grease Tracks, Check Lube Sites On Bar Screens #1 & #2		Bar Screen 1 - North	
		Bar Screen 2 -South	
		Bar Screen Rag Compactor	
Exercise valves at Belt Press Building		Belt Filter Press	
		Belt Filter Press Building	
		Belt Press Feed Sludge Pits	
		Belt Press Polymer Mix System	
		Belt Press Sludge Conveyor	
		Belt Press Sludge Feed Pump 1	
3 MONTH GREASE OF BFP MOYNO PUMPS		Belt Press Sludge Feed Pump 2	
6 MONTH GREASE OF BELT PRESS WASHWATER		Belt Press Washwater System	
Install Grip Tape on Ladder Rungs		Blower Building	Installed grip tape on exterior ladder rungs.
Turn on and run Chlorine Contact Tank sweep arm		Chlorine Contact Tank	
Dig. 4-5, Heat loop actuator for HE4 not working		CHP Heat Recovery System	Actuator to valve linkage broken. Exercised valve and replaced linkage. Ordered linkage (2) for stock (Neuco).
MONTHLY EXERCISE OF ALL HEAT EXCHANGERS- GAS MODE		Digester 1 Heat Exchanger	

Work Assignment	Completion Date	Equipment	NOTATIONS
		Digester 2 Heat Exchanger	
		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
Oil Bell & Gosset Pumps		Excess Flow Pump Station	
3 MONTH CHANGE OF PREFILTERS ON HONEYWELL AIR PUR		Laboratory	Pre filters changed on all air purifiers. Filters used from stock.
		Maintenance Services Building	
		Operations Center	
Replace small cooling filters for ABS #2	26-Aug-24	Aeration Blower ABS #2	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Exercising of Raw and Excess Influent valves		Excess Flow Pump Station	
Exercising of Inf, Eff, Drain and fill valves at Filter Building		Filter 1	
		Filter 2	
		Filter 3	
		Filter 4	
		Filter 5	
		Filter 6	
2 MONTH EXERCISE OF INTERMEDIATE VALVES		Intermediate Sludge Pump 1	
		Intermediate Sludge Pump 2	
Replace Air Filter On Operations Center Furnace		Operations Center	Replaced air filter with new from stock.
Valve 3 not opening or closing		Primary Clarifier 2	Replaced valve stem extension, 2" blk pipe (Home Depot), reinstalled actuator and reset limits.
Exercising of Raw and Excess Influent valves		Raw Sewage Pump Station	
Exercise Of EBARA and Excess Pumps	27-Aug-24	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	
6 Month Oil Change On Bearings, Intermediate Pumps #1 & #2		Intermediate Sludge Pump 1	
		Intermediate Sludge Pump 2	
Replace Shop Mig Welder		Maintenance Services Building	Order new Milleromatic 255 mig welder to replace existing shop mig welder.
Tuesday, September 17, 2024			

Work Assignment	Completion Date	Equipment	NOTATIONS
Semi-Annual Greasing Of Various Equipment	28-Aug-24	Digester 1 Sludge Recirc Pump Digester 1 Sludge Trnsfr Pump Digester 2 Sludge Recirc Pump Digester 2 Sludge Trnsfr Pump	
Replace UPS batteries (primary & backup)		Earlston Lift Station	Replaced primary and backup UPS batteries w/ new at Hobson,Wroble,Liberty Park, Earlston, and Venard.
Semi-Annual Greasing Of Various Equipment		Excess Flow Pump Station	
Replace UPS batteries (primary & backup)		Hobson Lift Station	Replaced primary and backup UPS batteries w/ new at Hobson,Wroble,Liberty Park, Earlston, and Venard.
		Liberty Park LS	
Semi-Annual Greasing Of Various Equipment		Operations Center	
		Primary Sludge Pump 2	
		Primary Sludge Pump 3	
		Primary Sludge Pump 5	
		Raw Sewage Pump Station	
Replace UPS batteries (primary & backup)		Venard Lift Station	Replaced primary and backup UPS batteries w/ new at Hobson,Wroble,Liberty Park, Earlston, and Venard.
		Wroble Lift Station	
Procure spare maintenance parts - both engines	29-Aug-24	CHP Engine Genset #1 CHP Engine Genset #2	Ordered: 16 spark plugs, 2 oil breather elements, and 8 valve cover gaskets.
Trim trees, clean gutters, paint HVAC Fittings	30-Aug-24	5006 Walnut Eqpmnt Strge Bldg	Trim overhanging tree branches, clean gutters and paint (AutoZone) HVAC roof vents.
34,257 hours, Under voltage coil failure		CHP Engine Genset #2	
3 MONTH OIL CHANGE-GRIT BLOWER #3- KAESER		Grit Blower 3 Kaeser	
Replace West Furnace with new		Microstrainer Building	Replaced non-functional West furnace with new. Poured grout curb and modified ductwork to accomodate new furnace.

**DOWNERS GROVE SANITARY DISTRICT**  
**M E M O**

DATE: September 11, 2024

TO: Amy Underwood  
General Manager

FROM: Todd Freer  
Sewer System Maintenance Supervisor

RE: Monthly Report – August 2024

1.

<b>JULIE Line Markings:</b>	<b>Current</b>	<b>Year to Date</b>
Received	1,076	8,438
In District	1,039	8,178
Marked	298	2,245
Man Hours	108	755.8

2.

<b>Building Service:</b>	<b>Current</b>	<b>Year to Date</b>
BSSRAP TV Inspections	17	148
Emergency BSSRAP Repairs	5	69
Total BSSRAP Repairs	11	126
I&I Inspections	0	33
I&I C.O. Inspections	0	0
Replace Broken Cleanout Caps	0	2
OHSP TV Inspections	1	2
Post Rodding TV	4	43

3.

<b>Sewer Back-Ups:</b>	<b>Current</b>	<b>Year to Date</b>
Public Sewer	0	3
Private Sewer	19	133
Surcharged Main	0	0
Pump Station	0	1
Total	19	137

4.

	<b>Current</b>	<b>Year to Date</b>
Sewer Cleaning (DGSD Personnel):	40,797.9	217,313.9 Ft.
a. Sewer Cleaning (Outside Contractors)	0 Ft.	0 Ft.

5.

Main Sewer Televising (DGSD personnel)	436	1,375 Ft.
a. Sewer Televising (Outside Contractors)	0	4,806.6 Ft.

6.

	<b>Current</b>	<b>Year to Date</b>
LETS TV	0	0

7.

Manhole Inspections	1	166
---------------------	---	-----

8.

Infiltration/Inflow Removal Work

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

9.

The contract for the 2024 Sewer Televising Project has been awarded to SewerTech, LLC. Televising will begin September 16th.

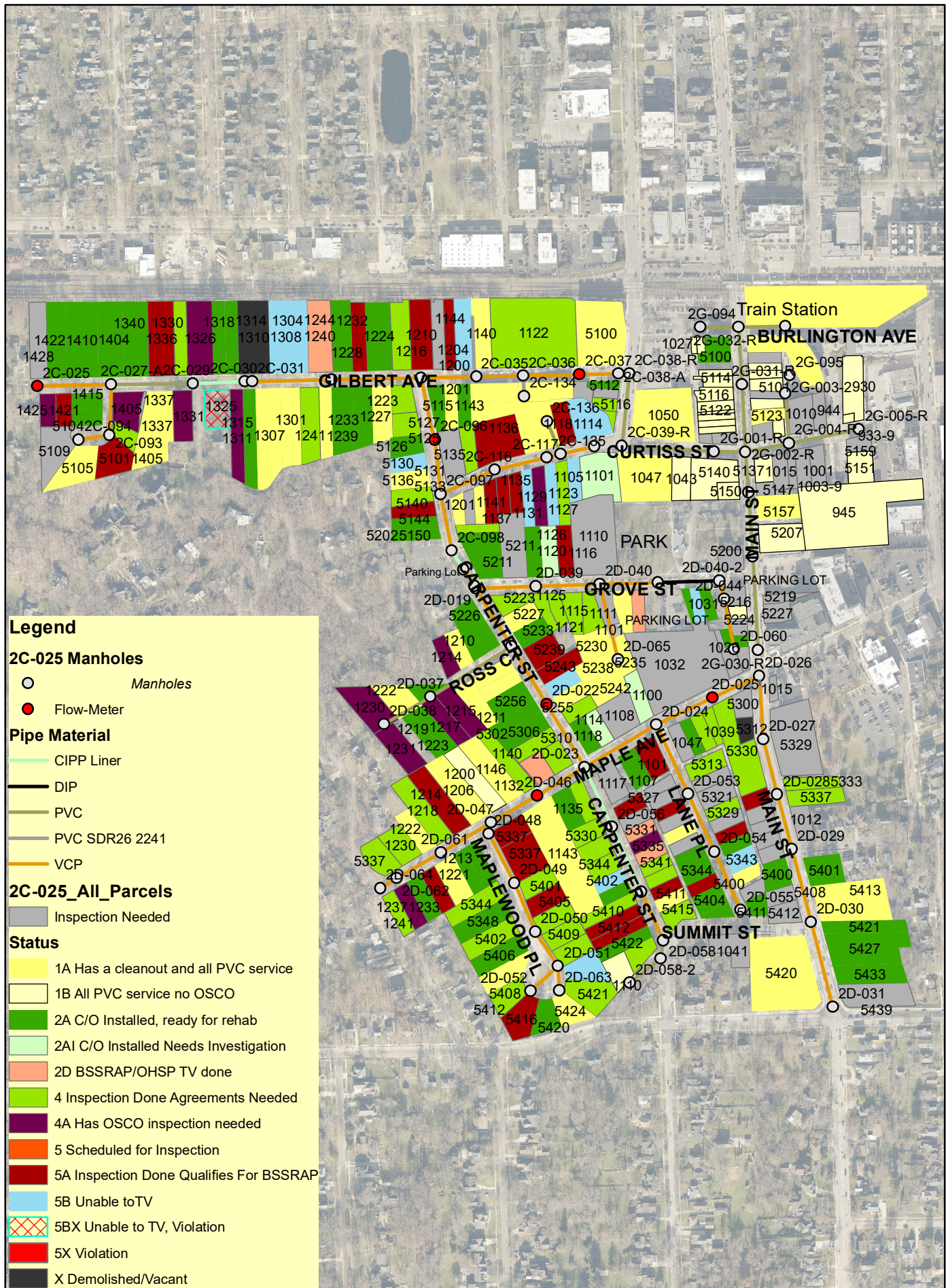
10.

The Powell Street Cured-In-Place Liner Project has been awarded to Hoerr Construction. This project will also include the Outfall lining and Ogden Avenue.

**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	50	17%
4A	N	N	N	N	N/A	N	13	5%
5	Y	N	N	N	N	N	1	1%
5A	Y	Y	N	N	N	N	33	11%
5AX	Y	Y	N	N	N	N	0	0%
5B	Y	N	N	N	N	N	14	5%
5BX	Y	N	N	N	N	N	0	0%
0	N	N	N	N	N	N	44	15%
X	-	-	-	-	-	-	3	1%
5X	-	-	-	-	-	-	0	0%
							<u>288</u>	<u>100%</u>

### Category Description:

27% Complete

- 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

2023 Basin I&I Ranking = 9

**DOWNERS GROVE SANITARY DISTRICT**  
**M E M O**

DATE: September 10, 2024

TO: Amy R. Underwood  
General Manager

FROM: Keith Shaffner  
Sewer Construction Supervisor

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

- | 1. | Permits issued: | Current  | Year to Date |
|----|-----------------|----------|--------------|
| a. | Single family   | 4        | 31           |
| b. | Multiple family | 0        | 0            |
| c. | Commercial      | 0        | 7            |
| d. | Repair          | 2        | 11           |
| e. | Disconnection   | <u>6</u> | <u>23</u>    |
|    | Total           | 12       | 72           |
- 
- | 2. | Inspections made:      | Current  | Year to Date |
|----|------------------------|----------|--------------|
| a. | Connections            | 4        | 43           |
| b. | Finals                 | 3        | 28           |
| c. | Repairs                | 3        | 10           |
| d. | Disconnects            | 7        | 22           |
| f. | Walk-Thru              | 0        | 0            |
| g. | Pre-connections        | 0        | 3            |
| h. | Overhead Sewer Program | 0        | 0            |
| i. | Code Enforcement       | 1        | 4            |
| j. | Lateral testing        | <u>3</u> | <u>32</u>    |
|    | Total                  | 21       | 142          |
- 
3. New Sewer Extension Construction:
- None
- 
4. New Sewer Extension Testing - air, deflection, manhole, and televising:
- None
- 
5. Code Enforcement:
- None



6. Plan & Permit Reviews:
  - a. 5617 Middaugh – Single Family Home
  - b. 5401 Blodgett – Single Family Home
  - c. 4641 Stonewall – Single Family Home
  - d. 17 W. 60<sup>th</sup> – Single Family Home
7. Building Sanitary Service Access Agreements:
  - a. 5121 Lee – Downers Grove
  - b. 5617 Middaugh – Downers Grove
  - c. 4641 Stonewall – Downers Grove
8. Illinois EPA Permits:

None
9. Miscellaneous:

Swallow Construction has completed the installation of the Venard force main. The road has been paved and most restorations have been completed. There are few items that need to be corrected before the project will be completed.

Hoerr Construction has started the cleaning and televising for the Outfall Lining Project. This stage is so they can clean the pipe and measure for materials they will need to line the pipe later this year.

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

# Permits Issued: AUGUST 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2024	62	5401	BLODGETT	DG	8/5/2024	DISCON		
2024	59	5121	LEE	DG	8/5/2024	SF	\$3,860.50	\$273.00
2024	63	728 W	65TH	W	8/5/2024	REPAIR		
2024	66	4636	WILSON	DG	8/12/2024	REPAIR		
2024	64	5617	MIDDAUGH	DG	8/16/2024	SF-RB		\$273.00
2024	67	4641	STONEWALL	DG	8/19/2024	SF-RB		\$273.00
2024	65	5401	BLODGETT	DG	8/19/2024	SF-RB		\$273.00
2024	70	200 W	59TH	W	8/19/2024	DISCON		
2024	68	801	BURLINGTON	DG	8/15/2024	DISCON		
2024	69	825	BURLINGTON	DG	8/15/2024	DISCON		
2024	71	404 N	PARK	W	8/23/2024	DISCON		
2024	72	5405	BENTON	DG	8/28/2024	DISCON		
TOTAL:							\$3,860.50	\$1,092.00

Permit Type Index: SF=Single Family, RB=Rebuild, SC=Septic Conversion, ADD=Addition, Discon=Disconnect for Demolition, Comm=Commercial, MF=Multiple Family

# Permit Final Inspections: AUGUST 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2023	79	544	FRANKLIN	DG	8/1/2024
2022	28	4517	WILSON	DG	8/12/2024
2023	33	1225	ARNOLD	DG	8/14/2024

## Progress Report

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

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

### **Pretreatment:**

Arrow Gear permit was completed and issued during August 2024. The permit effective date is September 1, 2024.

Lovejoy, Inc. completed its 90-day compliance sampling within the required 90 days. We assisted with their initial sampling to ensure samples were collected properly and their staff was comfortable with the process. I am planning to assist in the Jan-June 2025 sampling period as well. We collected samples at the same time to fulfill our sampling requirements for the current monitoring period. We are awaiting sample results.

### **Surcharge:**

We anticipate surcharge sampling to begin in September or October this year. We are anticipating a shorter sampling season to accommodate other projects we need to complete. We've delayed this a bit but anticipate no issues completing the sampling by the end of the year.

### **Personnel:**

I was on vacation for a week during the month of August. We've had scheduled time off from all 3 team members in the laboratory, which impacted the surcharge sampling schedule. We hope to begin this project as soon as possible.

The collaboration with the high school student came to an end. I believe the student was collecting samples twice per week from 10-15 wastewater treatment facilities. It was a large project, and I believe they are currently processing all the data collected for this project. I will update this monthly report if/when I hear anything further.

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

To: Board of Trustees  
From: Amy Underwood  
Re: Engineering Report for August 2024  
Date: September 20, 2024

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

## **I. Planning Projects & Studies**

### **A. Biosolids Processing Improvements**

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

### **B. WWTC & Lift Station Code Review**

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

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

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

### **D. Lacey Creek Watershed Plan**

The draft Lacey Creek Watershed Plan was presented to the DuPage County Stormwater Committee on September 3. A 30-day public comment period is currently open and will end on October 3. A public meeting was held on September 18. The County expects to approve the plan in November.

## **II. Design Projects**

### **A. 1-G-004 to 1-G-004A Sewer Replacement**

The 28 feet of 15" trunk line between manholes 1-G-004 and 1-G-004A will be replaced under this project. The existing clay pipe is hinge fractured with a 25% deformity. This sewer carries flow from the sewer running under Rogers Street in Downers Grove south to the sewer that runs along the BNSF railroad tracks. Replacement is planned for FY25-26. A kickoff meeting was held with B&W on August 13. B&W continues to work on the design.

### **B. Wroble Force Main Repair**

Replacement of a 350-foot section of the Wroble Lift Station force main is planned for FY25-26. The force main has broken in this location multiple times in the past. A kickoff meeting was held with B&W on August 13. B&W is working on the design.

### III. Construction Projects

#### A. Centex Lift Station Replacement

No pay request was submitted this month.

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

D	Total Completed and Stored to Date	D		\$1,313,694.22
E	Retainage	E	-	\$131,369.42
F	Total Earned Less Retainage	D-E= F		<hr/> \$1,182,324.80

G	Less Previous Certificates for Payment	Previous Payments	-	\$1,182,324.80
H	<b>Current Payment Due</b>	<b>F-G= H</b>		<hr/> <b>\$0.00</b>

I	Balance to Finish, including Retainage	C-F=I		\$272,675.20
---	--	-------	--	--------------

Berger has submitted several change order requests which B&W has reviewed with District staff and are currently negotiating. The changes include both extras and credits.

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

#### B. Outfall 001 Sanitary Sewer Repair

The work is complete. B&W has approached DuPage County for permit closeout. B&W has requested the final payment application from Archon and all closeout documents.

#### C. Curtiss Street Sewer Lining

The final DBE report was submitted to EPA. The required closeout documentation for the grant program has been drafted.

#### D. Venard Force Main Replacement

No pay request was submitted this month.

A	Original Contract Sum	A		\$669,021.00
B	Net Change by Change Orders to Date	B	-	\$0.00
C	Contract Sum to Date	A+B = C		<hr/> \$669,021.00
D	Total Completed and Stored to Date	D		\$406,176.00
E	Retainage	E	-	\$40,617.60
F	Total Earned Less Retainage	D-E= F		<hr/> \$365,558.40
G	Less Previous Certificates for Payment	Previous Payments	-	\$365,558.40
H	<b>Current Payment Due</b>	<b>F-G= H</b>		<hr/> <b>\$0.00</b>
I	Balance to Finish, including Retainage	C-F=I		\$303,462.60

Swallow has submitted a few change order requests which are being reviewed by District Staff.

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 September Claim Ordinance.

Engineer's Fee	\$236,300.00
Total Completed to Date	\$182,979.02
Less Previous Payments	<u>-\$179,594.02</u>
Current Payment Due	<u>\$ 3,385.00</u>
Remaining	\$53,320.98

Concentric continues to work on screens for the WWTC. Staff review of the screens is ongoing.

A progress meeting was held with Concentric on August 27 which focused on reporting. Concentric is creating a video tutorial to demonstrate to District staff how to create data entry sheets and reports. Concentric is currently creating lab tags in Ignition.

#### **F. SCADA PLC Replacement**

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

Engineer's Fee	\$87,960.00
Total Completed to Date	\$69,386.23
Less Previous Payments	<u>-\$64,188.73</u>
Current Payment Due	<u>\$5,197.50</u>
Remaining	\$18,573.77

The work on the Blower Building and Tunnel panels planned to be done in early October.

#### **G. WWTC Gas Detection System**

Connelly is preparing shop drawings, and B&W has started reviewing them.

#### **H. Radio Enhancement**

Installation has been scheduled to start on September 30.

#### **I. 2024 Sewer Rehabilitation (Lining)**

The final payment for the design is included in the September Claim Ordinance. The design fees from B&W for this project totaled \$29,807.50, which is 2% of the construction cost.

Please refer to the monthly Sewer Construction Progress Report for a status update on the work.

#### **J. 2024 Sewer Televising**

Please refer to the monthly Sewer Maintenance Progress Report for a status update on the work.

C: BOLI, CS, DM



DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE  
DATE 8/31/2024

CASH BALANCES

			PREVIOUS MONTH		
			TOTAL BALANCE		
ACCOUNT NAME	ACCOUNT NUMBER	BALANCE PER BANK STATEMENT	PER BANK STATEMENTS	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT PERCENTAGE
DEPOSIT	XXXXXXXXX1116	\$1,640,012.35			
DISBURSEMENT	XXXXXXXXX1111	232,881.87			
FLEXIBLE BENEFITS	XXXXXXXXX6025	16,057.07			
PAYROLL	XXXXXXXXX1117	218,553.28			
PETTY CASH	XXXXXXXXX1112	5,000.00			
USER REFUNDS	XXXXXXXXX1114	6,084.66			
TOTAL - CASH AT BANK		\$2,118,589.23	\$2,170,417.97	\$2,275.48	0.1048%

INVESTMENTS

TYPE	FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	INTEREST RATE	GENERAL CORPORATE FUND (01)	IMPROVEMENT FUND (02)	CONSTRUCTION FUND (03)	PUBLIC BENEFIT FUND (05)	SEWER EXTENSION FUND (71)	APPROXIMATE MONTHLY INTEREST
CERTIFICATE OF DEPOSIT ACCOUNTS:											
CD	STEARNS BANK	9 MOS	1/17/2025	\$250,000.00	5.000%	\$250,000.00					\$1,041.67
CD	LISLE SAVINGS BANK	9 MOS	2/20/2025	\$250,000.00	4.800%	\$250,000.00					\$1,000.00
CD	EVERGREEN BANK GROUP	12 MOS	3/1/2025	\$255,961.06	4.850%	\$255,961.06					\$1,034.51
CD	TRISTATE CAPITAL BANK	24 MOS	8/9/2026	\$250,000.00	4.000%			\$250,000.00			\$833.33
TOTAL CDs				\$1,005,961.06	4.664%	\$755,961.06	\$0.00	\$250,000.00	\$0.00	\$0.00	\$3,909.51
MONEY MARKET ACCOUNTS:											
MM	BANKFINANCIAL	ONGOING	ONGOING	\$252,992.49	5.250%	\$252,992.49					\$1,106.84
MM	TRISTATE CAPITAL BANK	ONGOING	ONGOING	\$11.91	3.230%			\$11.91			\$0.03
TOTAL MM ACCOUNTS				\$253,004.40	5.250%	\$252,992.49	\$0.00	\$11.91	\$0.00	\$0.00	\$1,106.87
ILLINOIS FUNDS - MONEY MARKET				\$8,117,634.02	5.373%	\$6,117,540.79	\$902,715.69	\$1,097,377.54	\$0.00	\$0.00	\$36,346.71
TOTAL - ALL INVESTMENTS				\$9,376,599.48	5.294%	\$7,126,494.34	\$902,715.69	\$1,347,389.45	\$0.00	\$0.00	\$41,363.09
TOTAL CASH AND INVESTMENTS				\$11,495,188.71							

**Board of Trustees**

Amy E. Sejnost  
*President*

Jeremy M. Wang  
*Vice President*

Mark Eddington, P.E.  
*Clerk*

# Downers Grove Sanitary District

2710 Curtiss Street  
P.O. Box 1412  
Downers Grove, IL 60515-0703  
Phone: 630-969-0664  
Fax: 630-969-0827  
[www.dgsd.org](http://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 R. Underwood, General Manager  
Date: September 20, 2024  
Subject: Treasurer's Report for August 2024

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

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

Year-to-date	Income	Expenses
General Fund	\$ 4,498,699.96 (page 1)	\$ 3,399,361.74 (page 6)
Improvement Fund	\$ 413,814.52 (page 7)	\$ 503,156.79 (page 8)
Construction Fund	\$ 42,400.29 (page 9)	\$ 7,270.00 (page 10)
Public Benefit Fund	\$ 0.00 (page 11)	\$ 0.00 (page 11)
TOTAL	\$ 4,954,914.77	\$ 3,909,788.53

C: BOLI, DM, CS

=====

Fund number & Description	Ending Fund Balance
-----	
Fund 01 : GENERAL FUND	\$8,320,036.18
Fund 02 : IMPROVEMENT FUND	\$1,381,295.81
Fund 03 : CONSTRUCTION FUND	\$1,856,343.74
Fund 05 : PUBLIC BENEFIT FUND	\$37,817.83
Recap Totals	<hr/> \$11,595,493.56

TREASURER'S REPORT

DATE 09/10/24  
FUND 01 GENERAL FUND

MONTH ENDED 08/31/24

PAGE 1

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
DEPT 05	REVENUES								
3000	PROPERTY TAXES		19,573.35-	15,178-	825,771.69-	793,975-	31,796.69-	4.0	1,473,600-
3001	USER RECEIPTS		393,841.48-	408,504-	1,426,557.11-	1,412,345-	14,212.11-	1.0	4,702,200-
3002	SURCHARGES		28,299.42-	41,179-	133,520.98-	142,371-	8,850.02	6.2-	474,000-
3004	PLAN REVIEW FEES		.00	125-	.00	250-	250.00	100.0-	500-
3005	CONSTRUCTION INSPECTION FEES		.00	120-	.00	240-	240.00	100.0-	500-
3006	PERMIT INSPECTION FEES		1,092.00-	1,600-	4,535.00-	6,400-	1,865.00	29.1-	19,000-
3007	INTEREST ON INVESTMENTS		39,906.58-	6,500-	150,599.91-	26,000-	124,599.91-	479.2	77,500-
3013	SAMPLING AND MONITORING		10,589.19-	11,200-	49,251.02-	39,950-	9,301.02-	23.3	116,000-
3014	REPLACEMENT TAXES		5,247.52-	9,300-	64,824.25-	43,900-	20,924.25-	47.7	120,000-
3015	MISCELLANEOUS INCOME		2,800.00-	400-	3,359.01-	1,600-	1,759.01-	109.9	4,000-
3016	SALE OF ELECTRICITY		.00	2,000-	1,835.08-	8,000-	6,164.92	77.1-	20,000-
3020	SALE OF PROPERTY		.00	15,000-	994.00-	49,000-	48,006.00	98.0-	92,000-
3021	TELEVISION INSPECTION		.00	0	.00	0	.00	.0	150-
3023	PROPERTY LEASE PAYMENTS		3,288.81-	3,400-	13,155.24-	13,600-	444.76	3.3-	40,000-
3024	MONTHLY SERVICE FEES		401,000.13-	405,020-	1,621,395.28-	1,620,065-	1,330.28-	.1	4,860,200-
3027	GREASE WASTE		8,633.38-	17,000-	71,794.79-	68,000-	3,794.79-	5.6	200,000-
3035	INTERFUND TRANSFER		.00	0	400,000.00	400,000	.00	.0	1,150,000
3040	RENEWABLE ENERGY CREDITS		.00	0	21,225.60-	7,500-	13,725.60-	183.0	30,000-
3094	GRANTS AND INCENTIVES		.00	0	509,881.00-	0	509,881.00-	.0	0
=====									
DEPT 05 TOTALS			914,271.86-	936,526-	4,498,699.96-	3,833,196-	665,503.96-	17.4	11,079,650-
=====									
FUND REVENUE TOTAL			914,271.86-	936,526-	4,498,699.96-	3,833,196-	665,503.96-	17.4	11,079,650-
=====									
DEPT 11	O & M EXPENSES - ADMINISTRATION								
SECT A	SALARIES AND WAGES								
A001	TRUSTEES		4,500.00	4,500	8,097.50	9,000	902.50-	10.0-	18,000
A002	BOLI		.00	225	.00	450	450.00-	100.0-	900
A003	GENERAL MANAGEMENT		18,410.10	22,320	94,400.28	100,430	6,029.72-	6.0-	290,100
A004	FINANCIAL RECORDS		18,414.82	21,170	81,858.70	95,260	13,401.30-	14.1-	275,200
A005	ADMINISTRATIVE RECORDS		4,455.45	2,410	13,790.99	10,840	2,950.99	27.2	31,300
A006	ENGINEERING		.00	90	230.80	410	179.20-	43.7-	1,200
A007	CODE ENFORCEMENT		26,887.39	25,730	121,371.05	115,790	5,581.05	4.8	334,500
A008	SAFETY ACTIVITIES		4,468.21	4,220	22,481.14	19,000	3,481.14	18.3	54,900
A030	BUILDING AND GROUNDS		.00	660	547.13	2,970	2,422.87-	81.6-	8,600
=====									
SECT A TOTALS			77,135.97	81,325	342,777.59	354,150	11,372.41-	3.2-	1,014,700
=====									
SECT B	OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY		.00	900	276.92	3,600	3,323.08-	92.3-	8,800
B101	NATURAL GAS		47.22	200	337.03	800	462.97-	57.9-	3,500
B102	WATER, GARBAGE AND OTHER UTILITIES		.00	0	211.62	450	238.38-	53.0-	1,300
B110	BANK CHARGES		27.50	950	117.10	3,900	3,782.90-	97.0-	11,500
B112	COMMUNICATION		2,661.78	2,400	8,537.72	9,600	1,062.28-	11.1-	28,000
B113	EMERGENCY/SAFETY EQUIPMENT		374.44	1,800	8,597.77	8,100	497.77	6.2	21,700
B115	EQUIPMENT/EQUIPMENT REPAIR		8,322.00	23,750	34,477.10	108,000	73,522.90-	68.1-	297,000

## TREASURER'S REPORT

DATE 09/10/24

MONTH ENDED 08/31/24

PAGE 2

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
B116	SUPPLIES		994.88	700	2,231.48	2,800	568.52-	20.3-	7,500
B117	EMPLOYEE/DUTY COSTS		627.94	2,000	5,807.88	8,000	2,192.12-	27.4-	23,500
B118	BUILDING AND GROUNDS		2,548.03	5,000	6,757.32	20,000	13,242.68-	66.2-	56,200
B119	POSTAGE		1,005.95	1,000	2,030.95	4,000	1,969.05-	49.2-	9,200
B120	PRINTING/PHOTOGRAPHY		994.93	1,000	9,679.74	10,000	320.26-	3.2-	14,500
B121	USER BILLING MATERIALS		8,555.27	7,000	27,898.90	28,000	101.10-	.4-	83,000
B124	CONTRACT SERVICES		8,368.73	29,000	44,244.42	117,000	72,755.58-	62.2-	348,800
B137	MEMBERSHIPS/SUBSCRIPTIONS		.00	0	1,008.07	900	108.07	12.0	8,900
=====									
SECT B TOTALS			34,528.67	75,700	152,214.02	325,150	172,935.98-	53.2-	923,400
=====									
SECT C VEHICLES									
C222	GAS/FUEL		182.70	250	656.37	1,100	443.63-	40.3-	3,100
C225	OPERATION/REPAIR		998.96	700	1,182.27	1,400	217.73-	15.6-	2,700
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	28,000
=====									
SECT C TOTALS			1,181.66	950	1,838.64	2,500	661.36-	26.5-	33,800
=====									
DEPT 11 TOTALS									
			112,846.30	157,975	496,830.25	681,800	184,969.75-	27.1-	1,971,900
=====									
DEPT 12 O & M EXPENSES - WWTC									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		1,383.86	610	3,357.54	2,740	617.54	22.5	7,900
A009	OPERATIONS MANAGEMENT		9,456.81	9,420	39,214.71	42,380	3,165.29-	7.5-	122,400
A010	MAINTENANCE - BUDGET		.00	53,510	.00	240,790	31,196.96-	13.0-	695,600
A011	MAINTENANCE - WWTC		29,350.44	0	132,520.69	0	.00	.0	0
A012	MAINTENANCE - VEHICLES		.00	0	84.62	0	.00	.0	0
A013	MAINTENANCE - ENERGY RECOVERY		412.81	0	1,517.73	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL		16,784.36	0	75,470.00	0	.00	.0	0
A020	WWTC - BUDGET		.00	47,270	.00	212,710	8,363.92	3.9	614,500
A021	WWTC - OPERATIONS		36,208.81	0	154,787.79	0	.00	.0	0
A022	WWTC - SLUDGE HANDLING		14,162.72	0	64,599.54	0	.00	.0	0
A023	WWTC - ENERGY RECOVERY		40.91	0	1,686.59	0	.00	.0	0
A030	BUILDING AND GROUNDS		7,580.03	5,590	37,623.73	25,160	12,463.73	49.5	72,700
=====									
SECT A TOTALS			115,380.75	116,400	510,862.94	523,780	12,917.06-	2.5-	1,513,100
=====									
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		170.90	15,000	8,412.83	49,000	40,587.17-	82.8-	145,000
B101	NATURAL GAS		269.52	400	1,463.98	2,600	1,136.02-	43.7-	12,500
B102	WATER, GARBAGE AND OTHER UTILITIES		2,005.82	3,000	11,645.55	16,000	4,354.45-	27.2-	43,500
B103	ODOR CONTROL		.00	400	.00	1,600	1,600.00-	100.0-	4,000
B104	FUEL - GENERATORS		.00	3,500	.00	7,500	7,500.00-	100.0-	14,500
B112	COMMUNICATION		1,865.09	2,000	6,083.64	8,000	1,916.36-	24.0-	22,500
B113	EMERGENCY/SAFETY EQUIPMENT		759.07	3,000	7,311.60	14,200	6,888.40-	48.5-	38,200
B116	SUPPLIES		1,627.84	2,800	7,150.17	11,400	4,249.83-	37.3-	33,800
B117	EMPLOYEE/DUTY COSTS		1,629.98	3,000	9,219.16	12,000	2,780.84-	23.2-	34,500
B124	CONTRACT SERVICES		.00	0	204,234.00	204,300	66.00-	.0	204,300

## TREASURER'S REPORT

DATE 09/10/24

MONTH ENDED 08/31/24

PAGE 3

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
B130	NPDES PERMIT FEES		.00	0	53,000.00	53,000	.00	.0	53,000
B131	SLUDGE HAULING/DISPOSAL SERVICES		.00	0	.00	0	.00	.0	135,000
B400	CHEMICALS - BUDGET		.00	25,000	.00	100,000	40,244.28-	40.2-	246,500
B401	CHEMICALS - DISINFECTION		23,189.12	0	52,571.55	0	.00	.0	0
B402	CHEMICALS - SLUDGE DEWATERING		.00	0	6,148.08	0	.00	.0	0
B404	CHEMICALS - OTHER		.00	0	1,036.09	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS		205,785.59	3,000	211,899.60	252,000	40,100.40-	15.9-	275,400
B502	EQPT/EQPT REPAIR - DISINFECTION		34.29	2,500	2,837.30	10,000	7,162.70-	71.6-	58,400
B503	EQPT/EQPT REPAIR - EXCESS FLOW		.00	5,000	4,217.92	20,100	15,882.08-	79.0-	60,400
B504	EQPT/EQPT REPAIR - GRIT REMOVAL		25.64	16,000	25.64	35,000	34,974.36-	99.9-	47,000
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING		665.44	6,500	8,149.97	29,400	21,250.03-	72.3-	78,400
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT		496.38	27,500	1,653.29	80,600	78,946.71-	98.0-	151,600
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT		23,500.00	7,300	47,407.40	77,300	29,892.60-	38.7-	191,700
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION		13,800.00	5,300	13,800.00	16,400	2,600.00-	15.9-	20,700
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING		2,427.81	2,500	5,302.40	10,000	4,697.60-	47.0-	30,000
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION		7,711.63	6,500	16,765.62	26,000	9,234.38-	35.5-	103,000
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT		165.39	27,000	5,672.25	106,900	101,227.75-	94.7-	128,900
B512	EQPT/EQPT REPAIR - WWTC GENERAL		1,712.79	5,000	13,545.76	20,000	6,454.24-	32.3-	55,200
B513	EQPT/EQPT REPAIR - WWTC UTILITIES		36,301.49	100,000	177,580.31	252,000	74,419.69-	29.5-	831,800
B801	BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS		53.46	25	53.46	100	46.54-	46.5-	300
B802	BLDG AND GROUNDS - DISINFECTION		8,464.84	700	8,722.61	3,000	5,722.61	190.8	8,600
B803	BLDG AND GROUNDS - EXCESS FLOW		.00	800	169.87	3,000	2,830.13-	94.3-	9,000
B804	BLDG AND GROUNDS - GRIT REMOVAL		4,248.60	500	4,325.79	2,000	2,325.79	116.3	5,900
B805	BLDG AND GROUNDS - INFLUENT PUMPING		389.00	2,000	524.00	8,000	7,476.00-	93.5-	23,000
B807	BLDG AND GROUNDS - SECONDARY TREATMENT		.00	100	23.48	800	776.52-	97.1-	1,600
B809	BLDG AND GROUNDS - SLUDGE DEWATERING		24.98	800	364.13	2,900	2,535.87-	87.4-	7,700
B810	BLDG AND GROUNDS - SLUDGE DIGESTION		4,012.05	600	4,166.44	2,400	1,766.44	73.6	6,800
B811	BLDG AND GROUNDS - TERTIARY TREATMENT		7,385.81	15,800	7,801.01	35,600	27,798.99-	78.1-	51,600
B812	BLDG AND GROUNDS - WWTC GENERAL		3,429.89	68,400	23,992.14	185,800	161,807.86-	87.1-	436,400
B813	BLDG AND GROUNDS - WWTC UTILITIES		.00	400	62.00	1,600	1,538.00-	96.1-	4,400
=====									
SECT B TOTALS			352,152.42	362,325	927,339.04	1,660,500	733,160.96-	44.2-	3,575,100
=====									
SECT C VEHICLES									
C222	GAS/FUEL		2,331.42	2,500	8,844.79	10,000	1,155.21-	11.6-	27,000
C225	OPERATION/REPAIR		301.79	700	3,149.29	2,800	349.29	12.5	7,000
C226	VEHICLE PURCHASES		.00	0	.00	99,800	99,800.00-	100.0-	104,800
=====									
SECT C TOTALS			2,633.21	3,200	11,994.08	112,600	100,605.92-	89.4-	138,800
=====									
DEPT 12 TOTALS			470,166.38	481,925	1,450,196.06	2,296,880	846,683.94-	36.9-	5,227,000
=====									
DEPT 13 O & M EXPENSES - LABORATORY									
=====									
SECT A SALARIES AND WAGES									
A009	OPERATIONS MANAGEMENT		9,201.72	5,620	35,890.76	25,280	10,610.76	42.0	73,000
A040	LABORATORY - BUDGET		.00	17,380	.00	78,210	14,848.11-	19.0-	225,900
A041	LAB - WWTC		11,824.32	0	56,142.79	0	.00	.0	0
A042	LAB - PRETREATMENT		237.45	0	4,633.11	0	.00	.0	0

## TREASURER'S REPORT

DATE 09/10/24

MONTH ENDED 08/31/24

PAGE 4

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
A043	LAB - SURCHARGE PROGRAM		.00	0	56.94	0	.00	.0	0
A045	LAB - SOLIDS		.00	0	113.87	0	.00	.0	0
A046	LAB - AMMONIA		.00	0	56.94	0	.00	.0	0
A047	LAB - MICRO		8.05	0	265.12	0	.00	.0	0
A048	LAB - ENERGY RECOVERY		481.05	0	2,093.12	0	.00	.0	0
=====									
SECT A TOTALS			21,752.59	23,000	99,252.65	103,490	4,237.35-	4.1-	298,900
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		280.54	300	922.29	1,200	277.71-	23.1-	3,000
B114	CHEMICALS		1,207.63	2,300	4,396.53	9,300	4,903.47-	52.7-	27,700
B115	EQUIPMENT/EQUIPMENT REPAIR		49.98	5,000	4,328.47	20,000	15,671.53-	78.4-	52,000
B116	SUPPLIES		2,283.18	3,000	5,792.69	12,000	6,207.31-	51.7-	29,700
B117	EMPLOYEE/DUTY COSTS		.00	1,000	1,283.78	4,000	2,716.22-	67.9-	8,000
B122	MONITORING EQUIPMENT		15.46	2,400	1,635.40	4,900	3,264.60-	66.6-	9,700
B123	OUTSIDE LAB SERVICES		2,955.02	4,300	9,629.22	17,200	7,570.78-	44.0-	51,500
B124	CONTRACT SERVICES		6,187.17	6,300	7,857.17	25,200	17,342.83-	68.8-	75,000
=====									
SECT B TOTALS			12,978.98	24,600	35,845.55	93,800	57,954.45-	61.8-	256,600
=====									
SECT C VEHICLES									
C222	GAS/FUEL		72.41	100	260.88	400	139.12-	34.8-	1,000
C225	OPERATION/REPAIR		4.25	250	22.93	500	477.07-	95.4-	1,000
=====									
SECT C TOTALS			76.66	350	283.81	900	616.19-	68.5-	2,000
=====									
DEPT 13 TOTALS			34,808.23	47,950	135,382.01	198,190	62,807.99-	31.7-	557,500
=====									
DEPT 14 O & M EXPENSES - SEWER SYSTEM									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		689.56	380	3,089.70	1,700	1,389.70	81.8	4,900
A050	SEWER MAINTENANCE - BUDGET		.00	23,200	.00	104,400	12,534.37	12.0	301,600
A051	SEWER MAINTENANCE		26,790.65	0	112,810.27	0	.00	.0	0
A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS		865.49	0	4,124.10	0	.00	.0	0
A060	INSPECTION - BUDGET		.00	18,150	.00	81,660	12,919.63-	15.8-	235,900
A061	INSPECTION - NEW CONSTRUCTION		775.22	0	1,012.10	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS		1,441.28	0	12,955.12	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS		728.72	0	7,771.74	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS		510.70	0	5,875.85	0	.00	.0	0
A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES		964.56	0	11,757.20	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT		9,845.38	0	29,368.36	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET		.00	1,580	.00	7,120	4,537.20-	63.7-	20,600
A072	SEWER INVESTIGATIONS		1,047.47	0	2,582.80	0	.00	.0	0
=====									
SECT A TOTALS			43,659.03	43,310	191,347.24	194,880	3,532.76-	1.8-	563,000
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		990.28	800	2,956.26	3,200	243.74-	7.6-	9,500

TREASURER'S REPORT

DATE 09/10/24  
FUND 01 GENERAL FUND

MONTH ENDED 08/31/24

PAGE 5

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
B113	EMERGENCY/SAFETY EQUIPMENT		.00	250	160.43	1,000	839.57-	84.0-	3,000
B115	EQUIPMENT/EQUIPMENT REPAIR		4,580.58	3,000	38,511.45	57,000	18,488.55-	32.4-	74,500
B116	SUPPLIES		927.39	400	1,283.98	1,600	316.02-	19.8-	4,700
B117	EMPLOYEE/DUTY COSTS		325.61	1,800	4,990.97	7,200	2,209.03-	30.7-	21,500
B124	CONTRACT SERVICES		.00	10,000	.00	10,000	10,000.00-	100.0-	105,000
B127	JULIE SYSTEM		4,005.36	4,000	8,010.72	8,000	10.72	.1	16,400
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM		.00	1,000	.00	7,000	7,000.00-	100.0-	15,000
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE		.00	1,000	350.00	4,000	3,650.00-	91.3-	12,000
B900	SEWER SYSTEM REPAIRS - BUDGET		.00	275,000	.00	855,100	442,541.29-	51.8-	3,055,100
B901	SEWER SYSTEM REPAIRS - I/I PROGRAM		.00	0	184,676.40	0	.00	.0	0
B902	SEWER SYSTEM REPAIRS - REPLACEMENT		798.75	0	1,338.75	0	.00	.0	0
B903	SEWER SYSTEM REPAIRS - REHABILITATION		13,287.50	0	28,665.00	0	.00	.0	0
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM		99,587.54	0	189,625.22	0	.00	.0	0
B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R		.00	0	8,253.34	0	.00	.0	0
=====									
SECT B TOTALS			124,503.01	297,250	468,822.52	954,100	485,277.48-	50.9-	3,316,700
=====									
SECT C VEHICLES									
C222	GAS/FUEL		1,836.04	1,700	8,305.89	6,800	1,505.89	22.2	20,000
C225	OPERATION/REPAIR		118.81	1,300	863.09	5,200	4,336.91-	83.4-	15,000
C226	VEHICLE PURCHASES		.00	48,500	.00	48,500	48,500.00-	100.0-	114,500
=====									
SECT C TOTALS			1,954.85	51,500	9,168.98	60,500	51,331.02-	84.8-	149,500
=====									
DEPT 14 TOTALS			170,116.89	392,060	669,338.74	1,209,480	540,141.26-	44.7-	4,029,200
=====									
DEPT 15 O & M EXPENSES - LIFT STATIONS									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		328.63	380	661.06	1,700	1,038.94-	61.1-	4,900
A009	OPERATIONS MANAGEMENT		822.04	120	4,000.14	520	3,480.14	669.3	1,500
A030	BUILDING AND GROUNDS		.00	190	649.42	840	190.58-	22.7-	2,400
A080	LIFT STATION MAINTENANCE		3,248.89	1,730	6,971.80	7,760	788.20-	10.2-	22,400
=====									
SECT A TOTALS			4,399.56	2,420	12,282.42	10,820	1,462.42	13.5	31,200
=====									
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		7,667.76	17,000	43,736.65	68,000	24,263.35-	35.7-	200,000
B104	FUEL - GENERATORS		.00	1,200	.00	2,400	2,400.00-	100.0-	4,600
B112	COMMUNICATION		305.53	400	1,222.12	1,800	577.88-	32.1-	5,000
B113	EMERGENCY/SAFETY EQUIPMENT		.00	700	.00	1,500	1,500.00-	100.0-	2,200
B116	SUPPLIES		.00	100	172.74	200	27.26-	13.6-	400
B124	CONTRACT SERVICES		.00	100	.00	400	400.00-	100.0-	500
B520	EQPT/EQPT REPAIR - BUTTERFIELD		.00	700	640.00	2,800	2,160.00-	77.1-	7,700
B521	EQPT/EQPT REPAIR - CENTEX		36.68	300	56.86	1,400	1,343.14-	95.9-	3,800
B522	EQPT/EQPT REPAIR - COLLEGE		.00	300	1,205.00	17,900	16,695.00-	93.3-	20,200
B523	EQPT/EQPT REPAIR - EARLSTON		.00	2,600	.00	10,500	10,500.00-	100.0-	31,300
B524	EQPT/EQPT REPAIR - HOBSON		500.00	11,000	1,645.72	15,200	13,554.28-	89.2-	101,700
B525	EQPT/EQPT REPAIR - LIBERTY PARK		.00	100	20.18	1,400	1,379.82-	98.6-	4,200



TREASURER'S REPORT

DATE 09/10/24  
FUND 01 GENERAL FUND

MONTH ENDED 08/31/24

PAGE 6

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
B526	EQPT/EQPT REPAIR - NORTHWEST		.00	2,000	44.90	5,200	5,155.10-	99.1-	8,600
B527	EQPT/EQPT REPAIR - VENARD		.00	1,400	620.91	5,600	4,979.09-	88.9-	15,900
B528	EQPT/EQPT REPAIR - WROBLE		107.81	1,300	1,206.30	5,200	3,993.70-	76.8-	15,500
B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL		248.34	5,200	309.26	20,800	20,490.74-	98.5-	62,700
B820	BLDG AND GROUNDS - BUTTERFIELD		153.16	0	612.25	0	612.25	.0	0
B821	BLDG AND GROUNDS - CENTEX		153.16	0	574.35	0	574.35	.0	0
B822	BLDG AND GROUNDS - COLLEGE		.00	2,500	.00	2,500	2,500.00-	100.0-	5,000
B823	BLDG AND GROUNDS - EARLSTON		153.16	5,000	574.35	20,800	20,225.65-	97.2-	20,800
B824	BLDG AND GROUNDS - HOBSON		153.16	16,000	1,249.50	26,800	25,550.50-	95.3-	57,800
B825	BLDG AND GROUNDS - LIBERTY PARK		153.16	0	2,753.95	0	2,753.95	.0	0
B826	BLDG AND GROUNDS - NORTHWEST		153.16	0	716.26	0	716.26	.0	20,000
B827	BLDG AND GROUNDS - VENARD		153.16	0	574.35	0	574.35	.0	0
B828	BLDG AND GROUNDS - WROBLE		153.16	0	628.95	8,400	7,771.05-	92.5-	8,400
B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL		.00	3,000	.00	12,300	12,300.00-	100.0-	31,300
=====									
SECT B TOTALS			10,091.40	70,900	58,564.60	231,100	172,535.40-	74.7-	627,600
=====									
DEPT 15 TOTALS			14,490.96	73,320	70,847.02	241,920	171,072.98-	70.7-	658,800
=====									
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS									
SECT E INSURANCE AND EMPLOYEE BENEFITS									
E452	LIABILITY/PROPERTY		.00	0	246,393.00	242,000	4,393.00	1.8	242,000
E455	EMPLOYEE GROUP HEALTH		46,063.45	49,000	180,434.99	196,000	15,565.01-	7.9-	587,500
E460	IMRF		14,423.15	14,550	63,156.07	64,990	1,833.93-	2.8-	194,000
E461	SOCIAL SECURITY		19,715.58	19,230	86,783.60	85,910	873.60	1.0	256,500
=====									
SECT E TOTALS			80,202.18	82,780	576,767.66	588,900	12,132.34-	2.1-	1,280,000
=====									
DEPT 17 TOTALS			80,202.18	82,780	576,767.66	588,900	12,132.34-	2.1-	1,280,000
=====									
DEPT 91 SA EXPENSE									
=====									
DEPT 91 TOTALS			.00	0	.00	0	.00	0	
=====									
FUND EXPENSE TOTAL			882,630.94	1,236,010	3,399,361.74	5,217,170	1,817,808.26-	34.8-	13,724,400
=====									
FUND 01 TOTALS			31,640.92-	299,484	1,099,338.22-	1,383,974	2,483,312.22-	179.4-	2,644,750
=====									

DATE	09/10/24	MONTH ENDED	08/31/24	PAGE	7
FUND 02	IMPROVEMENT FUND				

		ACTUAL	BUDGET			
COST		CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====						
DEPT 05	REVENUES					
3007	INTEREST ON INVESTMENTS	1,429.27-	1,300-	5,661.38-	5,200-	15,400-
3010	TRUNK SEWER SERVICE CHARGES	.00	7,500-	8,153.14-	30,000-	90,000-
3035	INTERFUND TRANSFER	.00	0	400,000.00-	400,000-	750,000-
=====						
DEPT 05 TOTALS		1,429.27-	8,800-	413,814.52-	435,200-	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					
0506	CONSTRUCTION CONTRACTS AND PURCHASES	5,180.00	0	133,649.80	0	0
=====						
DEPT 47 TOTALS		5,180.00	0	133,649.80	0	0
=====						
DEPT 48	CAPITAL - VENARD LIFT STATION UPGRADE					
0500	PROJECT BUDGET	.00	268,000	.00	577,000	845,000
0502	DESIGN ENGINEERING/ARCHITECTURAL	.00	0	737.50	0	0
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI	590.00	0	2,207.34	0	0
0506	CONSTRUCTION CONTRACTS AND PURCHASES	.00	0	365,558.40	0	0
=====						
DEPT 48 TOTALS		590.00	268,000	368,503.24	577,000	845,000
=====						
DEPT 49	CAPITAL EXP - WROBLE LIFT STATION UPGRADE					
0500	PROJECT BUDGET	.00	0	.00	0	26,000
0502	DESIGN ENGINEERING/ARCHITECTURAL	1,003.75	0	1,003.75	0	0
=====						
DEPT 49 TOTALS		1,003.75	0	1,003.75	0	26,000
=====						

TREASURER'S REPORT

DATE 09/10/24 MONTH ENDED 08/31/24 PAGE 8  
 FUND 02 IMPROVEMENT FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT			
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 74	CAPITAL EXP - SEWER - UNSEWERED AREAS						
0500 PROJECT BUDGET			.00	0	.00	500	500
			=====				
DEPT 74 TOTALS			.00	0	.00	500	500
			=====				
FUND EXPENSE TOTAL			6,773.75	268,000	503,156.79	577,500	964,700
			=====				
FUND 02 TOTALS			5,344.48	259,200	89,342.27	142,300	109,300
			=====				

## TREASURER'S REPORT

DATE 09/10/24

MONTH ENDED 08/31/24

PAGE 9

FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		2,914.87-	1,900-	11,516.29-	7,900-	23,100-
3009	SEWER PERMIT FEES		3,860.50-	20,900-	30,884.00-	83,600-	250,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	400,000-
=====							
DEPT 05	TOTALS		6,775.37-	22,800-	42,400.29-	91,500-	673,100-
=====							
DEPT 20	CAPITAL EXP - WWTC - GAS DETECTION/ALARMING						
0500	PROJECT BUDGET		.00	55,000	.00	91,000	444,000
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		877.50	0	2,200.00	0	0
=====							
DEPT 20	TOTALS		877.50	55,000	2,200.00	91,000	444,000
=====							
DEPT 21	CAPITAL EXP - WWTC - BIOSOLIDS IMPROVEMENTS						
0500	PROJECT BUDGET		1,137.50	40,000	1,137.50	100,000	447,500
0501	REPORT ENGINEERING/ARCHITECTURAL		.00	0	3,932.50	0	0
=====							
DEPT 21	TOTALS		1,137.50	40,000	5,070.00	100,000	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						

TREASURER'S REPORT

DATE 09/10/24 MONTH ENDED 08/31/24 PAGE 10  
FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
=====							
DEPT 34	TOTALS		.00	0	.00	0	0
=====							
DEPT 35	CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2						
=====							
DEPT 35	TOTALS		.00	0	.00	0	0
=====							
DEPT 37	CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2						
=====							
DEPT 37	TOTALS		.00	0	.00	0	0
=====							
DEPT 38	CAPITAL EXP - WWTC - PROPERTY ACQUISITION						
=====							
DEPT 38	TOTALS		.00	0	.00	0	0
=====							
DEPT 39	CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT						
=====							
DEPT 39	TOTALS		.00	0	.00	0	0
=====							
DEPT 40	CAPITAL EXP - WWTC - LOAN REPAYMENT						
=====							
DEPT 40	TOTALS		.00	0	.00	0	0
=====							
FUND EXPENSE	TOTAL		2,015.00	95,000	7,270.00	191,000	1,255,400
=====							
FUND 03	TOTALS		4,760.37-	72,200	35,130.29-	99,500	582,300
=====							

TREASURER'S REPORT

DATE 09/10/24 MONTH ENDED 08/31/24 PAGE 11  
FUND 05 PUBLIC BENEFIT FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL 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
=====							

DATE 09/10/24 MONTH ENDED 08/31/24  
FUND 71 SEWER EXTENSIONS ESCROW

FUND 71      SEWER EXTENSIONS ESCROW

		ACTUAL	BUDGET			
	COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
NUMBER	DESCRIPTION	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
=====						

## Amy Underwood

---

**From:** Sheela Vemu <svemu@waubonsee.edu>  
**Sent:** Sunday, August 18, 2024 2:35 PM  
**To:** Amy Underwood  
**Cc:** Sheela Vemu  
**Subject:** Exciting News! Thank you for your commitment letter

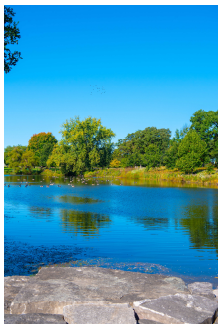
**Follow Up Flag:** Flag for follow up  
**Flag Status:** Completed

Hi Amy,

I hope your summer went well. We are thrilled to announce that Waubonsee Community College has received a three-year \$350,000 grant from the National Science Foundation Advanced Technological Education Program (ATE). The ATE program focuses on educating technicians who work in high-tech fields that drive the nation's economy. Because two-year community and technical colleges are the leading sources of technician education in the United States, faculty from these higher education institutions have had leadership roles in most ATE projects since the program began in 1993.

The three-year grant will fund the college's technician training certificate, "Waubonsee Water Ways: Building Pathways to Careers in the Water Sector." This certificate will prepare students for high-tech careers that pay well and fuel economic development in the region.

We want to thank you for your commitment letter. Here is the [Press release](#) and site. Please forward the news to your network to enhance the impact of our continued collaboration.



[Waubonsee Receives \\$350K Grant to Help Students Launch Careers in Rising Water Sector](#)

Waubonsee Community College has received a three-year \$350,000 grant from the National Science Foundation Advanced Technological Education Program. The grant will fund a project called "Waubonsee Water Ways: Building Pathways to Careers in the Water Sector."

[www.waubonsee.edu](http://www.waubonsee.edu)

We look forward to your enthusiastic participation in our Business and Industry Leadership team, where we will seek your input & ideas to build the certificate.

We are eager to hear from you. Please provide a brief quote regarding the growth and impact of technicians in water careers, as we would love to feature it on our webpage.

The BILT team meeting is on Friday, September 20, from 9:00 to 10:00 a.m. CT via Zoom. We will discuss the finalized list of topics needed for the certificate and future trends for experiential opportunities. I will send a Zoom link next week.

Looking forward to our continued collaboration.

Cheers,



Sheela

Sheela Vemu, Ph.D  
Associate Professor, Biology  
Waubonsee Community College, Sugar Grove, IL 60554

WCC CONFIDENTIALITY NOTE This message, including any attachment(s), is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivery of the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this message in error, please notify the Technical Assistance Center immediately by telephone at 630-466-4357 and then delete the message from your system. Thank you.

# DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

## Wastewater Report, August 2024

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

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

#### Catchment Information

Population Served	65,000
NPDES	IL0028380
zipcode	60515
IL Covid Region	8

### SARS-CoV-2 LEVELS IN WASTEWATER

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

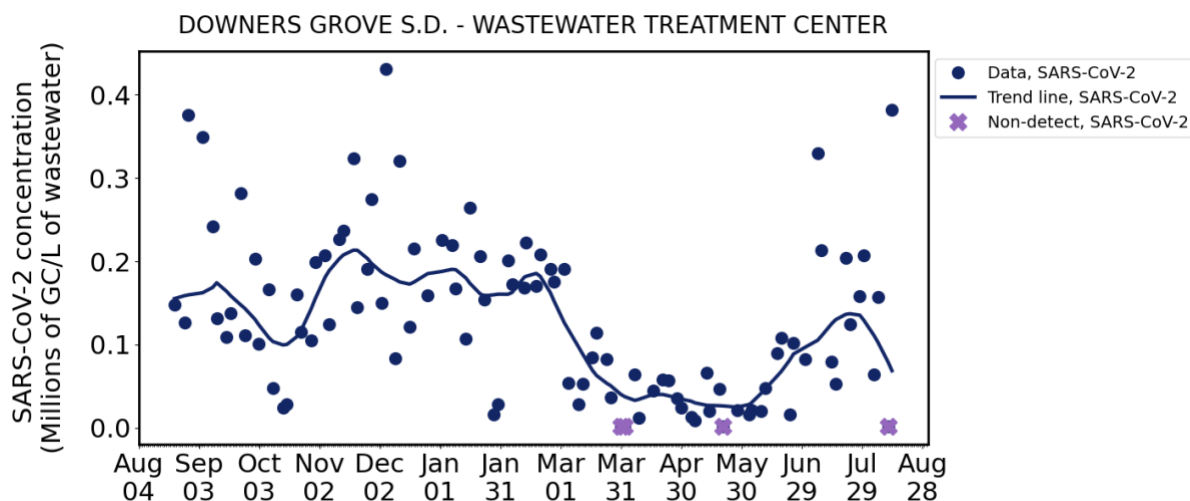


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

### SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)
2024-08-13	381,675

2024-08-11	Non-detect
2024-08-06	157,050
2024-08-04	64,050
2024-07-30	207,525
2024-07-28	158,325
2024-07-23	124,650
2024-07-21	204,000

## SARS-CoV-2 LINEAGES IN WASTEWATER

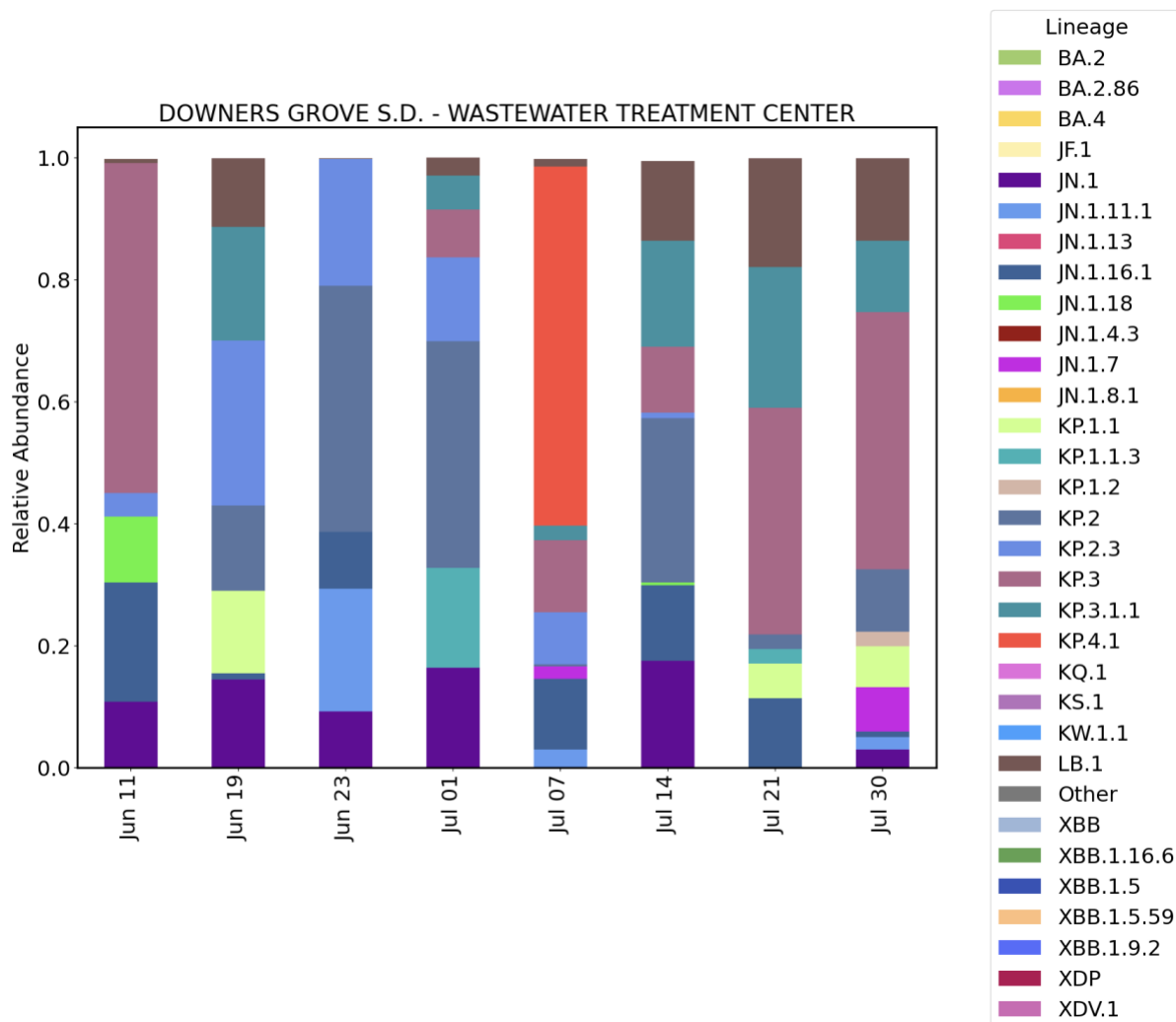


Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.

## 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.

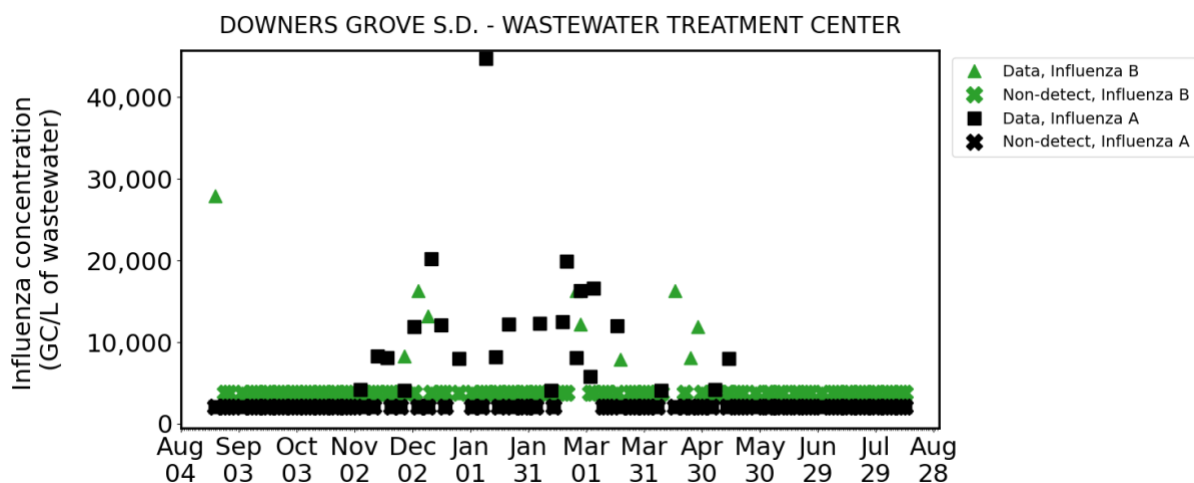


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

## INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2024-08-13	Non-detect	Non-detect
2024-08-11	Non-detect	Non-detect
2024-08-06	Non-detect	Non-detect
2024-08-04	Non-detect	Non-detect
2024-07-30	Non-detect	Non-detect
2024-07-28	Non-detect	Non-detect
2024-07-23	Non-detect	Non-detect
2024-07-21	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.

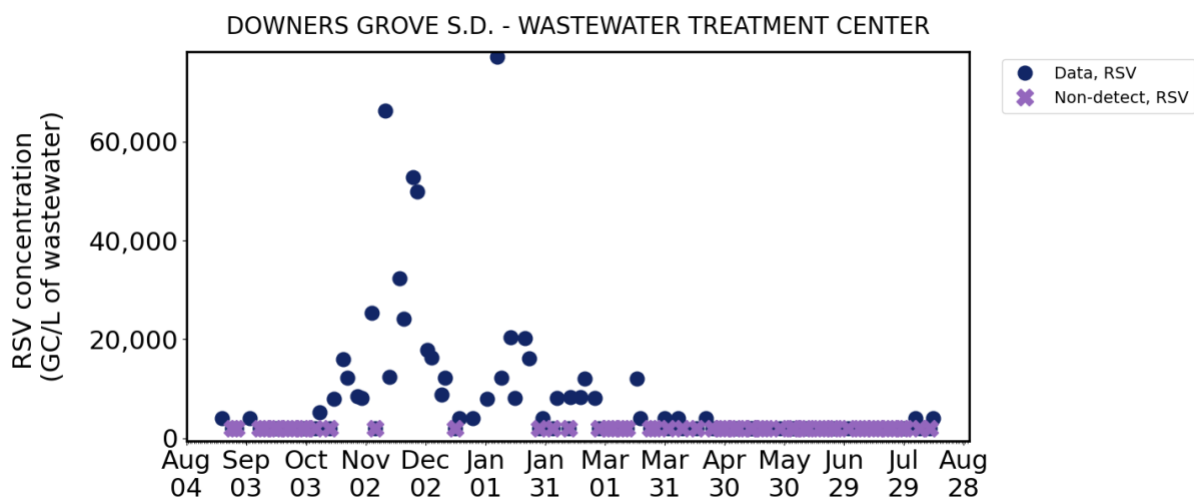


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

## RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2024-08-13	3,975
2024-08-11	Non-detect
2024-08-06	Non-detect
2024-08-04	3,975
2024-07-30	Non-detect
2024-07-28	Non-detect
2024-07-23	Non-detect
2024-07-21	Non-detect

# Guide to Interpreting Data on SARS-CoV-2, Influenza, & Respiratory Syncytial Virus (RSV) Gene Copies in Wastewater Samples

## What do the results mean?

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

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

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

## How are the gene copies measured in the wastewater?

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

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

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

## What is the viral gene copy trend line?

The trend line is calculated using Locally Weighted Scatterplot Smoothing (LOWESS), a local regression analysis. It allows us to see the change in trend over time by fitting a curve to the data. This method is useful because it reduces the influence of outliers, and wastewater data can be highly variable. LOWESS is a more complex extension of the moving average.

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

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

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

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

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

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

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

### **What are lineages and how are they determined?**

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

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

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

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

### **What is the sequencing plot showing me?**

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

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.



DISCOVERY PARTNERS INSTITUTE  
PART OF THE UNIVERSITY OF ILLINOIS SYSTEM



## **GENERAL MANAGER'S REPORT TO EMPLOYEES**

**August 23, 2024**

### **Personnel**

Interviews are beginning for the Sewer System Technician. If you know anyone interested in this position, direct them to our website to find out more information and to apply.

[www.dgsd.org/opportunities](http://www.dgsd.org/opportunities)

### **Employee Anniversaries**

Our General Manager, Amy Underwood, has reached 5 years of service as of August 16, 2024. Her commitment to the District is greatly appreciated!

### **Vacation Leave Balances**

As a reminder, employees are only allowed to rollover a maximum of 40 hours of vacation time into the new year unless you have been approved to save additional vacation time in anticipation of planned retirement vacation buyout. If you currently have a balance of more than 40 hours, please work with your supervisor to plan your time so you do not lose the benefit. If you need to know your available balance you can reach out to your supervisor, Michelle Jasso, or Carly Shaw.

### **Open House**

Planning and assignments for Open House, which will be on October 5, are in the works. We will distribute more information to employees as it becomes available. This year we will highlight the Laboratory.

### **Timekeeping Software**

We continue to work out the kinks in the new accounting software. The paid leave balances are not accurate as of today, but we are working to get that up to date. It will be posted on the Districtwide Teams channel once that is completed. If anyone has any questions, comments, or suggestions, please share those with Carly Shaw or Michelle Jasso.

### **Computer and Laptop Updates**

Concentric will be scheduling automatic reboots of all computers that will take place overnight on Thursdays each week. This will ensure that all updates are made to our computers after they have been pushed through. Also, on September 4, Ron with Concentric will be onsite to complete updates of the laptops. This does not include Chromebooks. If you have a District issued laptop, please be sure to bring it in on September 4 for these updates.

## **P.O. Box Closed**

While we closed the P.O. Box in early April, I have seen a few employees still use it recently in their communications. Please verify that you have removed the P.O. Box from the signature on your emails and that you are using the new letterhead and new business cards.

## **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 fence has been installed. The contractor is finishing the punchlist.

### 2) Venard Force Main Replacement

Patching was done this week, and the road is expected to be paved next week.

### 3) SCADA Platform Replacement (Ignition)

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

### 4) WWTC Combustible Gas Detection and Alarm System

The contractor is slowly submitting shop drawings for Baxter & Woodman (B&W) review. They expect to start work in the fall.

### 5) First Responder Radio Enhancement

Installation has been scheduled to start September 30.

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

The preconstruction meeting with Hoerr Construction was held on August 13.

7) SCADA PLC Replacement

The Blower Building and Blower Tunnel equipment installation dates are being planned for late September or early October.

8) 2024 Sanitary Sewer Televising

Todd Freer met with Sewertech recently to kick off the project. Sewertech expects to start work on September 16.

9) Facility Plan

B&W continues to work on the Facility Plan. The District has provided the WWTC basis of design, WWTC performance data and sewer data to B&W for their use.

## **GENERAL MANAGER'S REPORT TO EMPLOYEES**

September 6, 2024

### **Personnel**

We have completed interviews for the Sewer System Technician position and are extending an offer to the candidate we feel most qualified for the position.

### **Vacation Leave Balances**

As a reminder, employees are only allowed to rollover a maximum of 40 hours of vacation time into the new year unless you have been approved to save additional vacation time in anticipation of planned retirement vacation buyout. If you currently have a balance of more than 40 hours, please work with your supervisor to plan your time so you do not lose the benefit. For full-time staff members, your paid leave balances are current in the timekeeping system. The balances for the part-time staff are not accurate. Anyone can also confirm their balances with their supervisor, Carly Shaw, or Michelle Jasso.

### **Open House**

The draft of the assignments for employees is enclosed. There may be changes and a final version distributed as we approach the Open House date of October 5. This year we will highlight the Laboratory.

### **Laptop Updates**

As a reminder, on September 10, Ron with Concentric will be onsite to complete updates of the laptops. This does not include Chromebooks. If you have a District issued laptop, please be sure to bring it in on September 10 for these updates.

### **TopHealth - September**

The September issue of TopHealth is enclosed.

### **Illinois Wastewater Surveillance System**

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

### **Sewer Rehabilitation/Infiltration and Inflow Removal**

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

## **Status of Projects**

### 1) Centex Lift Station Replacement

The contractor has finished most of the punchlist.

### 2) Venard Force Main Replacement

Paving is complete. The only work remaining is punchlist items.

### 3) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays, and District staff continue to review the new displays. Concentric is adding the laboratory and operations variables to Ignition and create a tutorial video so that District staff can create data entry sheets and operating reports in Ignition.

### 4) WWTC Combustible Gas Detection and Alarm System

The contractor is slowly submitting shop drawings for Baxter & Woodman (B&W) review. They expect to start work in the fall.

### 5) First Responder Radio Enhancement

Installation has been scheduled to start September 30.

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

On September 10 – 13, Hoerr Construction plans to clean and televise the outfall pipe from the first manhole west of I-355 to the siphon. This will require diversion of the Outfall 001 discharge to Outfall 002. After this work, Hoerr will order the liner to be installed in the outfall pipe.

### 7) SCADA PLC Replacement

The Blower Building and Blower Tunnel equipment installation dates are scheduled for early October.

### 8) 2024 Sanitary Sewer Televising

Sewertech expects to start work on September 16.

### 9) Facility Plan

B&W continues to work on the Facility Plan. Laboratory staff are preparing to start a year-long special sampling program. The results will be used to calibrate the BioWin model of the WWTC.

## **GENERAL MANAGER'S REPORT TO EMPLOYEES**

**September 20, 2024**

### **Personnel**

The new Sewer System Technician is scheduled to start on Monday, October 7.

Dwayne Carpenter's last day with the District is Monday, September 30. He has been with the District for over 20 years and will be greatly missed.

### **Open House**

There were only minor changes to the assignments. If any other changes occur between now and the open house, we will send out another version of the list. If you have any questions, please ask your supervisor or Carly Shaw.

### **Employee Luncheon**

We are planning a lunch after the Open House. Specific details will be communicated once they are available.

### **Voluntary Life Insurance**

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

### **1976 IASD Article on DGSD**

Former Trustee and President of the District Hugh A. Williams, Jr. was President of the Illinois Association of Sanitary Districts (IASD) in 1976 – 1977. The 1976 proceedings of the IASD contained the President's message from Trustee Williams and an article about the Downers Grove Sanitary District. The article provides a good history of the District. A link to the article has been provided in the body of this email if you are interested in reading it. (I found one discrepancy in the article. The 1922 plant was not decommissioned until after the first expansion of our existing facility in the mid-1960s.)

### **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 has finished most of the punchlist.

#### 2) Venard Force Main Replacement

Sod will be installed next week.

#### 3) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays, and District staff continue to review the new displays. Concentric is adding the laboratory and operations variables to Ignition and creating a tutorial video so that District staff can create data entry sheets and operating reports in Ignition.

#### 4) WWTC Combustible Gas Detection and Alarm System

The contractor is slowly submitting shop drawings for Baxter & Woodman (B&W) review. They expect to start work in the fall.

#### 5) First Responder Radio Enhancement

Installation has been scheduled to start September 30. A pre-installation walkthrough will be held next week.

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

Hoerr Construction complete the cleaning and televising of the outfall pipe. Hoerr has ordered the liner and expects to start the lining in about six weeks.

#### 7) SCADA PLC Replacement

The Blower Building and Blower Tunnel equipment installation is scheduled for October 15, with a pre-installation meeting the week before.

#### 8) 2024 Sanitary Sewer Televising

Sewertech started televising this week.

#### 9) Facility Plan

B&W continues to work on the Facility Plan. Staff are working with B&W to finalize the plan for the special sampling program.



## Facts Matter

DuPage County  
**Daily Herald**

Paddock Publications Inc.  
Employee Owned  
Founded in 1872

# Opinion

## Editorial Board - DuPage County

Robert Sanchez, City Editor  
Jim Slusher, Managing Editor / Administration & Opinion  
Lisa Miner, Executive Editor  
Kelly Vold, Senior Digital Editor / Engagement  
Travis Siebrass, Deputy Managing Editor / Online  
John Lampinen, Editor (Ex officio)  
Renee Trappe Deputy Managing Editor (Ex officio)

"Our aim  
To fear God,  
tell the truth  
and make money."  
H.C. Paddock  
1852-1935

## Protecting the future

*Salt Creek has benefited from the removal of dam at Graue Mill*

When something has been around for as long as anyone can remember, it is not easy to hear that it must go away.

Such was the case several years ago when a group working to improve Salt Creek and the east and west branches of the DuPage River started moving

ahead with a controversial plan to remove the Graue Mill dam at Fullersburg Woods in Oak Brook.

The DuPage River Salt Creek Workgroup said that replacing the low-level dam with a rock riffle would help improve the water quality in Salt Creek and allow fish to travel upstream.

Still, the idea faced strong opposition from residents who said the dam — located next to Graue Mill — was an important part of the history of the 1850s-era gristmill.



JOE LEWNARD/jlewnard@dailyherald.com

A dam was removed late last year from Salt Creek near the historic Graue Mill in Oak Brook.

The dam was built in 1934 by the Civilian Conservation Corps after the Forest Preserve District of DuPage County acquired the property. Over the decades, the dam served as an idyllic backdrop for visitors taking family

and wedding photos. However, officials said the dam was not the correct size to power the mill wheel reliably. Meanwhile, Graue Mill uses an electric motor for its interior milling operations — not the water wheel.

So, even though the dam made for pretty photographs, the dam was hurting Salt Creek and the aquatic life that relies on it, experts said.

In a story published earlier this month, senior writer Katlyn Smith reported that monitoring of Salt Creek found very low dissolved oxygen levels immediately upstream of the dam. There also was a dramatic decrease in fish biodiversity. Smith reported that 16 native river fish species, including emerald shiner, johnny darter, northern pike and rock bass, were absent from areas upstream of the dam.

So, despite opposition, the forest preserve district, which owned the dam, agreed that it had to go. Crews removed the structure late last year.

Fast forward to today, and water flows over rocks and boulders where the dam once stood. The riffle also oxygenates the water

and provides a habitat for wildlife. Officials with the DuPage River Salt Creek Workgroup say there are already positive signs because of the restoration efforts along a 1.5-mile stretch of Salt Creek.

"The refrain that I constantly hear is that you can see the river coming back to life," said Stephen McCracken, the workgroup's director.

Meanwhile, workers will soon remove the Carpentersville Dam, which will create a 10.2-mile unimpeded flow of the Fox River. That project comes after the U.S. Army Corps of Engineers has recommended removing all nine Fox River dams in Kane County, from Carpentersville to Montgomery.

What happened at Graue Mill shows that restoring natural wildlife habitat and improving water quality is preferable to preserving a non-functioning, not-particularly historic dam simply because it has been around for a long time.

### Your Views

Immigrants return  
more than they receive

Immigrants — both documented  
and undocumented — contribute

RECENT NEW YORK TIMES/SIENA POLL SHOWS TRUMP WITH ALMOST A 100  
PERCENT CHANCE OF WINNING THE ELECTORAL COLLEGE THIS NOVEMBER...

OH NO LITTLE BUDDY...  
WHAT HAPPENED TO ALL  
THAT JOY YOU HAD  
LAST WEEK?

Put pressure  
on Hamas,  
not Netanyahu