

DOWNERS GROVE SANITARY DISTRICT
GENERAL MANAGER'S REPORT
July 12, 2024

July Board Meeting

Copies of documentation for the following agenda items are enclosed for the July 16, 2024, meeting:

- 1) Proposed Agenda
- 2) Minutes of the June 18, 2024, regular meeting
- 3) Claim Ordinance 1939
- 4) Memo regarding tax levy and rate for 2023
- 5) 2024 tax levy ordinance
- 6) Annexation Ordinance No. AO 2024-04 – 6130 Fairview Avenue, Downers Grove
- 7) Memo regarding 2024 Sewer Rehabilitation Contract Award
- 8) Memo regarding 2024 Sanitary Sewer Televising Contract Award
- 9) Report on Facility Plan scope of work

BOLI Meeting

There is no BOLI meeting this month.

Decennial Committee Meeting

The first Decennial Committee meeting will be held at 6:30 p.m. on July 16, 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 June operations:

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

Infiltration/Inflow Removal Work

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

Safety

The Safety Committee met on June 25, 2024. Open Safety Reports were discussed at the meeting.

New decals were ordered for Sewer Maintenance trucks indicating that the vehicle makes frequent stops. Department staff hope this will reduce tailgating.

Maintenance Mechanics Adam Cioni and Marcus Hernandez attended an IPRF course in Frankfort with other municipalities that covered Lockout Tagout and Confined Space Entry. They returned with some helpful ideas the District plans to implement.



Members of the Maintenance Department completed a refresher course on Aerial Lift Safety before renting the aerial lift for the digester railing installation project.

Maintenance Mechanic Marcus Hernandez obtained OSHA 10-Hour certification. Safety Coordinator Jessie Gwozdz attended a webinar regarding the US Department of Labor's proposed amendment to OSHA 1910 related to heat illness prevention.

Financial

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

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

Meetings

I attended the following meetings since the June 14, 2024, General Manager's report:

- June 18 attended NACWA Small & Mid-Size Utility Working Group Meeting
- June 26 attended DRSCW meeting. Larry and Reese also attended.
- July 2 - The Danish Water Technology Alliance interviewed me and Jason Ruffatti from Baxter & Woodman for a 10th anniversary campaign for their social media channels. In addition to filming the interview at our WWTC, they took pictures throughout our facility and specifically of our Danish equipment.
- July 4 walked in the Village of Downers Grove parade. Alan, Brandon, Nick, Adrienne, Michelle, Megan and Marco also participated with their families.
- July 11 attended Seyfarth Shaw webinar on Compensable Work Time

- July 11 attended DRSCW Projects Committee meeting. Larry also attended.
- July 12 attended IAWA Technical Committee meeting in Starved Rock.

Miscellaneous

Copies of the following items are enclosed:

- 1) June 21 thank you letter from the Plumbing Contractor's Association of Greater Chicago
- 2) June 2024 DGSD WWTC wastewater reports of SARS-CoV-2, influenza A & B and RSV levels
- 3) General Manager's Report to the Employees dated June 28 and July 12

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

**DOWNERS GROVE SANITARY DISTRICT
BOARD OF TRUSTEES MEETING
JULY 16, 2024 – 7:00 PM
BOARD ROOM**

PROPOSED AGENDA

- I. APPROVAL OF MINUTES
 - A. REGULAR MEETING – JUNE 18, 2024
- II. APPROVAL OF CLAIM ORDINANCE NO. 1939
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
 - A. TAX LEVY AND RATE FOR 2023
 - B. 2024 TAX LEVY ORDINANCE
 - C. ANNEXATION ORDINANCE AO 2024-04, 6130 FAIRVIEW AVENUE, DOWNERS GROVE
 - D. CONTRACT AWARD
 - 1. 2024 SEWER REHABILITATION
 - 2. 2024 SANITARY SEWER TELEVISIONING
- VI. FACILITY PLAN UPDATE
 - A. REPORT: FACILITY PLAN SCOPE OF WORK
- VII. BOARD PACKET QUESTIONS AND COMMENTS
 - A. ACCOUNTS RECEIVABLE

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 July 16, 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, June 18, 2024, convening at 7:00 p.m. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were Trustees Amy E. Sejnost, Jeremy M. Wang and Mark Eddington, General Manager Amy R. Underwood, Administrative Supervisor Carly Shaw, Lab Supervisor Reese Berry, Information Coordinator Alyssa J. Caballero and Attorney Dan McCormick. Derek Wold of Baxter and Woodman also attended.

Minutes of Regular Meeting – May 21, 2024

A motion was made by Trustee Wang seconded by Trustee Eddington approving the minutes of the regular meeting held on May 21, 2024 and authorizing the President and Clerk to sign same. The motion carried.

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

A motion was made by Trustee Eddington seconded by Trustee Wang approving Change Order No. 2 for the 2023 Trunk Sewer Rehabilitation: Curtiss Street agreement with Visu-Sewer of Illinois, LLC. for a net decrease in the contract price of \$35,316.00 and authorizing the General Manager to sign the same. The motion carried. (Votes recorded: Ayes-Sejnost, Wang and Eddington.)

Claim Ordinance No. 1938

A motion was made by Trustee Wang seconded by Trustee Eddington adopting Claim Ordinance No. 1938 in the total amount of \$1,002,799.79 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Public Comment – None

New Business

2024 Painting Services Contract Award

Staff recommended not to move forward with this contract award at this time.

Operations Report – Laboratory

Laboratory Supervisor Berry presented an operations report reviewing surcharge and pretreatment. The report reviewed the surcharge program, surcharge calculation, sampling equipment, industrial pretreatment, illegal dumping, and updates/changes to the pretreatment program which were budgeted in Fiscal Year 2024-25.

Other New Business

Trustee Eddington asked that the facility plan be added as a standing agenda item. He thanked General Manager Underwood and Operations Supervisor Majewski for his tour of the treatment center.

Trustee Wang thanked Laboratory Supervisor Berry for his operations report. He thanked Information Coordinator Caballero for updating the website with the board's new headshots. He asked about the timekeeping system update and the progress of the accounting software replacement. He noted the workshops on Team Effectiveness for all employees. Trustee Wang noted the issues with CHP 1 this past month. He inquired about the status of the Maple Grove Forest Preserve new bridge project. He asked that Staff keep the Board informed on the Facility Plan decisions and what we will have to finance in the future. He commented on the DuPage River Salt Creek Workgroup membership fees and the benefits provided by this group. Lastly, he noted the name clarification for hypochlorite for employees to use instead of "chlorine".

Trustee Sejnost inquired about the status of the summer clerical position. She noted the workshops on Team Effectiveness for all employees. She commented on the message from the DRSCW President. She mentioned the cost savings for the in-house cleaning for the AC condenser, noted in Maintenance Supervisor Whitefleet's report. Trustee Sejnost noted the issues with CHP 1 this past month. She also noted the training staff attended on hypochlorite and bisulfite. Lastly, she commented on Maintenance Mechanic Marcus Hernandez completion of the training to become a certified forklift operator and flagger and Safety Coordinator Jessie Gwozdz attendance at the NSC Safety Conference and Expo.

General Manager Underwood discussed dates and times for the upcoming Decennial Committee meetings.

A motion was made by Trustee Wang seconded by Trustee Eddington to adjourn the regular meeting at 8:46 p.m. The motion carried.

Approved: June 18, 2024

President

Attest: _____
Clerk

Downers Grove, Illinois

Date: July 16, 2024

Claim Ordinance No. 1939

An Ordinance Providing for the Payment of Certain Claims.

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

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

That the following claims be and they are hereby approved and ordered paid and that an order be drawn on the Treasurer of said District out of the funds shown below. Said claims, totaling **\$1,227,172.94** being in words and figures as follows:

PAYROLL END DATE: 06.22.24
PAYROLL PAID DATE: 06.28.24
G/L DATE: 07.31.24

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		80793.12-
01-00.2000	FEDERAL TAX WITHHELD		12874.92-
01-00.2001	STATE TAX WITHHELD		5843.70-
01-00.2002	SOCIAL SECURITY WITHHELD		9552.14-
01-00.2003	IMRF WITHHELD		5573.11-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		6010.20-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		365.28-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		336.56-
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		587.81-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		472.00-
01-11.A003	GENERAL MANAGEMENT	11068.32	
01-11.A004	FINANCIAL RECORDS	8959.74	
01-11.A005	ADMINISTRATIVE RECORDS	1314.01	
01-11.A006	ENGINEERING	88.33	
01-11.A007	CODE ENFORCEMENT	12872.26	
01-11.A008	SAFETY ACTIVITIES	1871.10	
01-11.A030	BUILDING AND GROUNDS	23.69	
01-12.A006	ENGINEERING	219.40	
01-12.A009	OPERATIONS MANAGEMENT	4765.78	
01-12.A011	MAINTENANCE - WWTC	14529.62	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	143.13	
01-12.A014	MAINTENANCE - ELECTRICAL	7966.45	
01-12.A021	WWTC - OPERATIONS	16323.95	
01-12.A022	WWTC - SLUDGE HANDLING	8489.90	
01-12.A023	WWTC - ENERGY RECOVERY	210.75	
01-12.A030	BUILDING AND GROUNDS	3751.57	
01-13.A009	OPERATIONS MANAGEMENT	2677.13	
01-13.A041	LAB - WWTC	6392.98	
01-13.A042	LAB - PRETREATMENT	1816.79	
01-13.A048	LAB - ENERGY RECOVERY	181.29	
01-14.A006	ENGINEERING	219.40	
01-14.A051	SEWER MAINTENANCE	11950.01	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	420.83	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	3360.09	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	439.18	
01-14.A064	INSPECTION - MISCELLANEOUS	521.13	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	3184.71	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2247.10	
01-14.A072	SEWER INVESTIGATIONS	104.23	
01-15.A009	OPERATIONS MANAGEMENT	453.57	
01-15.A030	BUILDING AND GROUNDS	71.57	
01-15.A080	LIFT STATION MAINTENANCE	648.36	
		127286.37	127286.37-

PAYROLL END DATE: 07.06.24
PAYROLL PAID DATE: 07.12.24
G/L DATE: 07.31.24

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		80367.72-
01-00.2000	FEDERAL TAX WITHHELD		12710.10-
01-00.2001	STATE TAX WITHHELD		5824.20-
01-00.2002	SOCIAL SECURITY WITHHELD		9517.80-
01-00.2003	IMRF WITHHELD		5559.60-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		6044.74-
01-00.2017	VOLUNTARY GROUP LIFE		224.00-
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		545.27-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		487.23-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		38.35-
01-11.A003	GENERAL MANAGEMENT	11812.33	
01-11.A004	FINANCIAL RECORDS	8995.50	
01-11.A005	ADMINISTRATIVE RECORDS	1421.70	
01-11.A007	CODE ENFORCEMENT	13832.13	
01-11.A008	SAFETY ACTIVITIES	1991.97	
01-11.A030	BUILDING AND GROUNDS	48.36	
01-12.A006	ENGINEERING	47.49	
01-12.A009	OPERATIONS MANAGEMENT	4632.55	
01-12.A011	MAINTENANCE - WWTC	15208.41	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	96.71	
01-12.A014	MAINTENANCE - ELECTRICAL	8257.92	
01-12.A021	WWTC - OPERATIONS	16551.63	
01-12.A022	WWTC - SLUDGE HANDLING	6665.92	
01-12.A023	WWTC - ENERGY RECOVERY	275.45	
01-12.A030	BUILDING AND GROUNDS	4439.63	
01-13.A009	OPERATIONS MANAGEMENT	4600.87	
01-13.A041	LAB - WWTC	6334.78	
01-13.A048	LAB - ENERGY RECOVERY	264.67	
01-14.A006	ENGINEERING	94.98	
01-14.A051	SEWER MAINTENANCE	11726.47	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	712.70	
01-14.A061	INSPECTION - NEW CONSTRUCTION	19.74	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	767.80	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	98.70	
01-14.A064	INSPECTION - MISCELLANEOUS	1617.85	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	1047.32	
01-14.A066	INSPECTION - CODE ENFORCEMENT	3735.28	
01-14.A072	SEWER INVESTIGATIONS	680.68	
01-15.A009	OPERATIONS MANAGEMENT	169.24	
01-15.A030	BUILDING AND GROUNDS	48.36	
01-15.A080	LIFT STATION MAINTENANCE	569.24	
		126766.38	126766.38-

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
A-FORMULA MECHANICAL CORP	A000065	06/19/24	44888	01-15.B824	HOBSON A/C REPAIR	615.00	615.00	105878
ACCURATE OFFICE SUPPLY	A000093	06/20/24	617255	01-11.B116	OFFICE SUPPLIES	37.08		
		06/27/24	617674	01-13.B116	LABEL MAKER TAPE	27.44	64.52	064903
ACE HARDWARE	A000095	06/28/24	337381	01-12.B512	MAINTENANCE SUPPLIES	11.72	11.72	064904
ACI Payments Inc.	A000096	06/18/24	1000118259	01-11.B110	OLR FEES	32.00	32.00	105879
ADVOCATE OCCUPATIONAL HEALTH	A000150	07/02/24	859729	01-11.B117	DRUG TEST SCREENING	35.00	35.00	064905
ALEXANDER CHEMICAL CORPORATION	A000200	06/21/24	82749	01-12.B401	SODIUM HYPOCHLORITE	7264.32	7264.32	105880
ALTORFER INDUSTRIES, INC.	A000292	06/25/24	PM6A0027457	01-12.B513	EMER GEN # 1 PM	180.00		
		06/25/24	PM6A0027458	01-12.B513	EMER GEN # 3 PM	180.00		
		06/25/24	PM6A0027459	01-12.B513	EMER GEN # 2 PM	180.00		
		06/27/24	TM500499916	01-12.B501	SKID STR WHL HUB ASSEMBLY	1258.41	1798.41	105881
Amazon Business	A000296	06/16/24	11FW3T9WR74H	01-12.B501	TRUCK TAIL LIGHT	55.16		
		07/04/24	14PN6DR14X1	01-12.B116	CREDIT	97.00-		
		05/27/24	16149JV7TJJ3	01-11.B116	ETHERNET ADAPTER	19.59-		
		06/24/24	163XFQRLM97P	01-14.B117	DJ WORK BOOTS	119.95		
		06/30/24	1CGCPWJ96HC9	01-14.C225	HEADLIGHTS	65.99		
		06/25/24	1DLD73DW6JNJ	01-11.B116	OFFICE SUPPLIES CREDIT	4.99-		
		06/18/24	1GYYH4LYKWW4	01-11.B116	NOTARY BOOK/MOUSE PAD	56.97		
		06/12/24	1JPJCK34P9TF	01-12.B812	MSB FOOT DOOR PULLS	59.37		
		06/12/24	1JPJCK34P9TF	01-13.B115	LAB FOOT DOOR PULLS	66.40		
		06/30/24	1KF79TP1XQ6C	01-12.B116	TONER/COUPLERS	95.79		
		05/18/24	1LQKFYL3PXN6	01-11.B116	CAR CHARGING CORDS	5.99-		
		05/18/24	1MMF4967QV9G	01-11.B116	CAR CHARGING CORDS	5.99-		
		06/14/24	1MQDWMTLVMYW	01-12.C225	FRONT BUMPER REPLACEMENT	342.54		
		07/07/24	1NWMKFFQL93V	01-12.B117	MR OUTERWEAR	133.35		
		06/23/24	1P9D3WGWGCCCL	01-14.B117	OA WORK BOOTS	134.95		
		07/06/24	1RVJTK73FCF1	01-12.B117	BS OUTERWEAR	147.11		
		06/19/24	1Y9VCCTXQ1MV	01-12.B116	WATER COOLER FILTERS	97.00		
		12/08/20	48074390	01-12.B116	NW CHAIR CREDIT	98.89-		
		12/08/20	48075359	01-12.B117	OUTERWEAR CREDIT	52.99-		
		12/05/20	48075447	01-12.B117	OUTERWEAR CREDIT	79.98-	1009.16	105882
AUTOZONE - AZ COMMERCIAL	A000600	06/13/24	2576594737	01-12.B116	WINDSHIELD WASHER FLUID	29.34		
		06/13/24	2576594891	01-11.C225	OIL CHANGE SUPPLIES	44.82		
		06/13/24	2576594992	01-11.C225	OIL CHANGE SUPPLIES	18.99		
		06/26/24	2576605928	01-14.C225	TRUCK CABIN FILTER	14.99		
		07/02/24	2576610452	01-12.B116	MSB SUPPLIES	21.31	129.45	064906
BAXTER & WOODMAN, INC.	B000120	06/17/24	0260126	01-11.B124	FLOW MONITORING	401.48		
		06/17/24	0260128	01-11.B124	SEWER MODELING	146.25		
		06/17/24	0260136	01-12.B513	WWTP PLC UPGRADES PHS 3	50658.73		
		06/17/24	0260142	01-13.B124	ARROW GEAR PERMIT	1292.50		
		06/17/24	0260154	01-14.B903	2024 SEWER REHAB DESIGN	14873.75	67372.71	105883
BERLAND'S HOUSE OF TOOLS	B000140	06/27/24	365447	01-12.B809	BLT PRESS DOOR PAINT SUPP	24.98		
		06/27/24	365448	01-12.B809	BLT PRESS DOOR PAINT SUPP	12.99	37.97	064907
BradyIFS	B000319	06/18/24	8966715	01-12.B116	MSB SUPPLIES	411.94		
		06/21/24	8978974	01-12.B116	MSB SUPPLIES	167.16	579.10	105884
BREUER METAL CRAFTSMEN INC.	B000330	06/11/24	14890	01-12.B507	AERATION 9 RAIL RPLC	20500.00		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CINTAS #344	C000300	06/19/24	14915	01-12.B507	AERATION 9 KICKPLATE	2500.00	23000.00	064908
		06/18/24	4196193640	01-12.B117	WWTC UNIFORMS	103.77		
		06/18/24	4196193640	01-14.B117	SS UNIFORMS	41.95		
		07/02/24	419664123	01-12.B117	WWTC UNIFORMS	104.02		
		07/02/24	419664123	01-14.B117	SS UNIFORMS	42.08		
		06/25/24	4196908329	01-12.B117	WWTC UNIFORMS	104.02		
		06/25/24	4196908329	01-14.B117	SS UNIFORMS	42.08		
CLOUDMELLOW	C000333	06/28/24	9277855616	01-11.B113	SAFETY MGMT STE SUBSCRIPT	3229.00	3666.92	064909
		07/01/24	242799	01-11.B115	MONTHLY WEB HOSTING	95.00	95.00	064943
COMCAST	C000373	07/03/24	877120120055	01-11.B112	BACK UP INTERNET	144.85	144.85	064910
Comcast	C000375	07/01/24	001001335246	01-11.B112	INTERNET SERVICE	830.21	830.21	064911
COMED	C000380	06/17/24	0464955000	01-15.B100	COLLEGE LS ELECTRIC	414.10		
		06/17/24	0771764000	01-15.B100	LIB PARK LS ELECTRIC	307.88		
		06/17/24	1557021222	01-15.B100	EARLSTON LS ELECTRIC	228.77		
		06/21/24	2125907000	01-15.B100	CENTEX LS ELECTRIC	105.87		
		06/17/24	2334423333	01-15.B100	NORTHWEST LS ELECTRIC	1298.27		
		06/26/24	2764819000	01-12.B100	BIG TOP ELECTRIC	26.14		
		06/17/24	3843274000	01-15.B100	HOBSON LS ELECTRIC	1894.84		
		06/17/24	4675132222	01-15.B100	WROBLE LS ELECTRIC	1020.51		
		06/24/24	6828085000	01-15.B100	VENARD LS ELECTRIC	477.41		
		06/26/24	8159307000	01-12.B100	WALNUT HSE ELECTRIC	107.30		
		06/26/24	8159307000	01-14.B910	BSSRAP ELECTRIC	88.92		
		06/17/24	9286103000	01-15.B100	BUTTERFIELD LS ELECTRIC	195.70		
		06/27/24	9492723333	01-05.3016	GENERATION	1835.08		
		06/27/24	9492723333	01-11.B100	ADMIN CTR ELECTRIC	276.92		
		06/27/24	9492723333	01-12.B100	PLANT ELECTRIC	7695.94	12303.49	064912
CONCENTRIC INTEGRATION, LLC	C000410	06/17/24	0260130	01-12.B513	SCADA SFTWRE PLTFRM RPLC	595.00		
		06/17/24	0260133	01-12.B513	SCADA SFTWRE PLTFRM RPLC	4515.00		
		06/17/24	0260150	01-11.B115	2024-2025 MANAGED SUPPORT	2434.00		
		06/17/24	0260150	01-12.B513	2024-2025 MANAGED SUPPORT	3651.00		
		06/17/24	0260152	01-11.B115	2024-2025 T&M SUPPORT	657.50		
CORRPRO COMPANIES, INC.	C000555	06/17/24	0260152	01-12.B513	2024-2025 T&M SUPPORT	9184.09	21036.59	105885
		06/03/24	760618	01-15.B520	CATHODIC PROTECT SURVEY	625.00		
		06/03/24	760618	01-15.B522	CATHODIC PROTECT SURVEY	625.00		
		06/03/24	760618	01-15.B524	CATHODIC PROTECT SURVEY	625.00		
COVERALL NORTH AMERICA, INC	C000557	06/03/24	760618	01-15.B528	CATHODIC PROTECT SURVEY	625.00	2500.00	105886
		07/01/24	1010730978	01-11.B118	ADMIN CLEANING	489.00	489.00	105887
DANIEL MCCORMICK, P. C.	D000035	07/01/24	14	01-11.B124	LEGAL SERVICES	600.00	600.00	064913
DELTA SONIC	D000220	06/28/24	0016817	01-12.C225	WWTC CAR WASHES	33.32		
		06/28/24	0016817	01-14.C225	SS CAR WASHES	49.98	83.30	064914
DISCOUNT FENCE COMPANY, INC	D000240	06/19/24	3097542	01-15.B825	LIB PARK FENCE REPAIR	2125.00	2125.00	105888
VILLAGE OF DOWNERS GROVE	D000480	06/12/24	15793	01-11.C222	ADMIN FUEL	121.42		
		06/12/24	15793	01-12.C222	WWTC FUEL	2480.06		
		06/12/24	15793	01-13.C222	LAB FUEL	96.82		
		06/12/24	15793	01-14.C222	SS FUEL	2417.17		
		06/18/24	15808	01-11.B121	METER READINGS	491.12		

===== VENDOR =====		===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		07/05/24	15870	01-11.C222	ADMIN FUEL	189.49		
		07/05/24	15870	01-12.C222	PLANT FUEL	1761.63		
		07/05/24	15870	01-13.C222	LAB FUEL	39.85		
		07/05/24	15870	01-14.C222	SS FUEL	1845.67		
		07/01/24	C20272700	01-12.B102	PLANT WATER	2705.16		
		07/01/24	C20272710	01-11.B102	ADMIN CTR WATER	125.78	12274.17	064915
DYNEGY ENERGY SERVICES	D000800	06/22/24	030000330712	01-15.B100	NORTHWEST LS ELECTRIC	796.82		
		06/22/24	030000330713	01-15.B100	HOBSON LS ELECTRIC	1593.89		
		07/05/24	030240068240	01-15.B100	WROBLE LS ELECTRIC	552.44		
		07/05/24	030400027416	01-15.B100	BUTTERFIELD LS ELECTRIC	110.30		
		07/05/24	030400027418	01-15.B100	COLLEGE LS ELECTRIC	183.36		
		07/05/24	030480017792	01-15.B100	VENARD LS ELECTRIC	264.98		
		07/05/24	030640012752	01-15.B100	EARLSTON LS ELECTRIC	130.55		
		06/27/24	030800008631	01-15.B100	COLLEGE LS ELECTRIC	237.82		
		06/27/24	030960004187	01-15.B100	EARLSTON LS ELECTRIC	165.84		
		06/27/24	031040002689	01-15.B100	BUTTERFIELD LS ELECTRIC	104.77		
		06/27/24	031120003183	01-15.B100	WROBLE LS ELECTRIC	534.09		
		06/27/24	031200001894	01-15.B100	VENARD LS ELECTRIC	304.94	4979.80	105889
EXODUS TECHNOLOGY SERVICE	E000480	06/27/24	24145	01-11.B124	JUNE IT SERVICES	3443.75	3443.75	064916
EYE MED VISION CARE	E000600	07/01/24	166359084	01-17.E455	VISION INSURANCE	448.43	448.43	064917
FLAT CAN RECYCLING	F000100	05/24/24	1366	01-14.B116	AERSOL CAN DISPOSAL	198.90	198.90	064944
FIRST ADVANTAGE	F000130	06/30/24	2501052406	01-11.B117	DRUG TEST	31.28		
		06/30/24	2501052406	01-12.B117	DRUG TEST	36.55	67.83	105890
FIRST ENVIRONMENTAL LAB	F000140	06/17/24	184010	01-13.B123	SPRING 2024 INDUSTRIAL	265.20		
		06/17/24	184033	01-13.B123	NPDES MONTHLY JUNE 2024	117.60		
		06/24/24	184124	01-13.B123	SPRING 2024 SEMI ANNUAL	925.20		
		06/26/24	184207	01-13.B123	LOCAL LIMITS BKGRND JUNE	982.80		
		07/03/24	184398	01-13.B123	SPRING 24 SEMI-ANN NPDES	1580.40	3871.20	105891
Foster's Test Lane	F000270	05/31/24	44292	01-12.C225	VEHICLE INSPECTIONS	92.00	92.00	064918
Galco Industrial Electronics, IG000122		06/21/24	4636006	01-12.B505	COMPACTOR CYCLE TIMER	193.00	193.00	105924
GEORGE'S LANDSCAPING	G000260	07/01/24	JUNE 2024	01-11.B118	ADMIN CTR MOW/CLEARING	464.64		
		07/01/24	JUNE 2024	01-12.B812	WWTC MOW/CLEARING	3037.64		
		07/01/24	JUNE 2024	01-15.B820	BUTTERFIELD LS MOW	153.16		
		07/01/24	JUNE 2024	01-15.B821	CENTEX LS MOW	153.16		
		07/01/24	JUNE 2024	01-15.B823	EARLSTON LS MOW	153.16		
		07/01/24	JUNE 2024	01-15.B824	HOBSON LS MOW	153.16		
		07/01/24	JUNE 2024	01-15.B825	LIBERTY PK LS MOW	153.16		
		07/01/24	JUNE 2024	01-15.B826	NORTHWEST LS MOW	153.16		
		07/01/24	JUNE 2024	01-15.B827	VENARD LS MOW	153.16		
		07/01/24	JUNE 2024	01-15.B828	WROBLE LS MOW	153.16	4727.56	105892
W. W. GRAINGER, INC.	G000520	06/13/24	9149725989	01-12.B512	MAINT REPAIR SUPPLIES	385.42		
		06/17/24	9153717070	01-12.B813	CHP 1 WATER HOSE	52.10		
		06/18/24	9155580361	01-12.B113	DISPOSABLE GLOVES	151.60		
		06/19/24	9156135767	01-12.B113	DISPOSABLE GLOVES	114.70		
		06/21/24	9159721738	01-12.B116	VEHICLE DETERGENT	119.25		
		06/24/24	9160369535	01-12.B513	24X24X10 FILTERS	64.26		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		06/25/24	9162491048	01-12.B512	ELECTRICAL MAINT SUPPLIES	43.36		
		06/27/24	9165714933	01-12.B803	PUMP HSE SAFETY BOLLARD	112.85		
		06/27/24	9166104449	01-12.B513	24X24X10 FILTERS	321.30		
		07/01/24	9169088425	01-12.B502	PIPE CEMENT	20.88		
		07/01/24	9169284156	01-15.B526	PUMP 2 FUSE	44.90		
		07/01/24	9169284164	01-12.B116	AA BATTERIES	26.95		
		07/02/24	91700476000	01-12.B512	MAINT REPAIR SUPPLIES	89.92	1547.49	105893
GREAT LAKES CONCRETE, LLC	G000540	06/03/24	252802	01-12.B512	CURT ST LAGOON MH SECT	280.61	280.61	064919
JESSICA GWOZDZ	G000630	06/18/24	REIMBURSE	01-11.B113	COOLING NECK TUBES	162.42	162.42	105894
HML, INC.	H000035	06/18/24	108877	01-13.B123	BIOSOLIDS PATHOGEN TEST	1025.00	1025.00	064920
HACH COMPANY	H000040	06/18/24	14075463	01-13.B115	SAMPLER BASE	3105.35	3105.35	105895
HOME DEPOT	H000400	07/05/24	0022688	01-14.B115	MISC SUPPLIES	140.41		
		07/05/24	0022688	01-14.B116	STAKES	12.98		
		07/05/24	0042691	01-12.B510	RAILING INSTALL SUPPLIES	19.92		
		06/14/24	1020329	01-12.B512	TOOL REPLACEMENT	49.97		
		06/13/24	2013242	01-12.B116	CHAIN OIL	14.97		
		06/13/24	2013242	01-12.B802	DOOR RPLC SUPPLIES	35.56		
		06/13/24	2013242	01-12.B804	DOOR RPLC SUPPLIES	17.78		
		06/13/24	2013242	01-12.B810	DOOR RPLC SUPPLIES	35.56		
		06/13/24	2013242	01-12.B811	DOOR RPLC SUPPLIES	17.78		
		07/03/24	2053431	01-15.B524	BIO FILTER RPR SUPPLIES	6.26		
		07/03/24	2610251	01-14.B115	MEASURING WHEEL	64.97		
		06/12/24	3140715	01-12.B802	DOOR RPLC SUPPLIES	15.49		
		06/12/24	3140715	01-12.B804	DOOR RPLC SUPPLIES	7.74		
		06/12/24	3140715	01-12.B810	DOOR RPLC SUPPLIES	15.49		
		06/12/24	3140715	01-12.B811	DOOR RPLC SUPPLIES	7.74		
		06/21/24	4041864	01-15.B826	NW LS INTERIOR LIGHT	44.96		
		06/18/24	7013479	01-12.B512	MAINT REPAIR SUPPLIES	23.94		
		06/17/24	8041587	01-12.B813	CHP 1 WATER HOSE NOZZLE	9.90		
		06/17/24	8041591	01-12.B511	RAIL RPLC SUPPLIES	340.25	881.67	064921
ILLINOIS EPA	I000270	06/18/24	IL0028380 A	01-12.B130	ANNUAL NPDES FEES	52500.00		
		06/18/24	ILR006245 A	01-12.B130	ANN STORMWTR PERMIT FEE	500.00	53000.00	064922
INFOSEND, INC.	I000415	06/28/24	265092	01-11.B121	MAILING SERVICES	5619.85	5619.85	105896
JUST TIRES	J000300	06/13/24	000041801	01-12.C225	TRUCK ALIGNMENT	134.99	134.99	064923
KANSAS CITY LIFE INSURANCE CO	K000045	07/01/24	1634341	01-17.E455	LIFE INSURANCE	412.50	412.50	105897
KARA COMPANY INC.	K000053	06/17/24	383828	01-14.B115	WIRE FLAGS	118.10	118.10	105898
LAI, LTD	L000012	06/19/24	244788S	01-12.B511	FILTER 4 DRAIN VALVE	1043.00	1043.00	105899
LAUTERBACH & AMEN, LLP	L000070	06/12/24	92152	01-11.B124	AUDIT PROGRESS BILLING	12900.00	12900.00	105900
LEWIS G. BENDER PH.D.	L000227	06/24/24	# 2	01-11.B117	TEAM BUILDING WORKSHOP	1701.13		
		06/24/24	# 2	01-12.B117	TEAM BUILDING WORKSHOP	2721.60		
		06/24/24	# 2	01-13.B117	TEAM BUILDING WORKSHOP	510.30		
		06/24/24	# 2	01-14.B117	TEAM BUILDING WORKSHOP	1530.90	6463.93	064924
LOU'S GLOVES	L000300	06/17/24	056512	01-14.B113	DISPOSABLE GLOVES	99.00	99.00	105901
MARC MAJEWSKI	M000110	07/01/24	REIMBURSE	01-12.B513	ST STORAGE TANK CLASS	150.00	150.00	105902
MCCROMETER INC.	M000337	06/28/24	607186	01-14.B115	FLOW METER RPLC PARTS	26904.20	26904.20	064945
MCMaster-CARR SUPPLY COMPANY	M000360	06/14/24	28705054	01-15.B528	PUMP 2 CHK VLV SEAL	71.16		

===== VENDOR =====		===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		06/24/24	29103445	01-15.B528	CREDIT	71.16-		
		06/24/24	29127646	01-12.B513	GENSET 2 BLDG DOOR HINGE	54.92		
		06/26/24	29275195	01-12.B513	EXPANSION JOINT FLANGE	411.39		
		06/26/24	29293616	01-12.B510	STEEL STUD ANCHORS	403.15		
		07/02/24	29522781	01-12.B513	CREDIT	411.39-	458.07	105903
MID AMERICAN WATER	M000558	06/18/24	234218A	01-12.B512	8" GASKET	20.00	20.00	064946
MUNTERS CORPORATION	M000840	06/13/24	323111	01-12.B811	24X24X2 FILTERS	382.49	382.49	064925
NALCO WATER PRETREATMENT	N000030	06/12/24	6660273825	01-13.B116	LAB SUPPLIES	263.12		
		06/17/24	6660273975	01-13.B116	LAB SUPPLIES	523.91	787.03	105904
NAPA AUTO PARTS	N000040	02/07/24	4343875291	01-14.B115	CREDIT	54.00-		
		06/18/24	4343894700	01-12.B513	CHP2 COOLANT SYSTEM	1202.02	1148.02	064926
NATIONAL SAFETY COUNCIL	N000140	06/18/24	RENEWAL	01-11.B137	NSC MEMBERSHIP RENEWAL	499.00	499.00	064947
NICOR GAS	N000330	06/13/24	15876210004	01-12.B101	PLANT GAS	172.40		
		06/13/24	44976210003	01-12.B101	PLANT 2 GAS	55.88		
		06/13/24	51006900008	01-12.B101	CHEM FEED GAS	45.15		
		06/13/24	54976210002	01-11.B101	ADMIN CTR GAS	51.37		
		06/13/24	87801017812	01-12.B100	WALNUT HSE GAS	44.09	368.89	064927
NISSAN ENERGY INC	N000350	06/28/24	411	01-12.B513	SPARK PLUGS	3249.97		
		06/30/24	415	01-12.B513	CHP2 COOL SYS RPR PARTS	1100.00	4349.97	105905
Northwest Electric Motor Co.	N000565	06/14/24	2406071	01-12.B503	EXC BRIDGE MTR REPAIR	4217.92		
		07/03/24	2407012	01-12.B502	HYPO FEED PMP 1 VFD RPLC	470.90	4688.82	064928
NORTHWEST LAWN AND POWER EQUIPMN	N000566	06/24/24	321114	01-12.B512	POLE SAW REPAIR	44.61		
		06/24/24	521100	01-12.B512	POLE SAW REPAIR	4.36	48.97	064948
O'HARE TOWING SERVICE	O000270	06/19/24	2880541	01-11.C225	TOW TO REPAIR SHOP	109.25	109.25	064929
PACKEY WEBB FORD	P000020	06/19/24	C60253	01-12.C225	VEHICLE A/C REPAIR	1592.64	1592.64	105906
PETTY CASH	P000350	07/10/24	CASH BOX	01-11.B113	SAFETY MEETING SNACKS	7.21		
		07/10/24	CASH BOX	01-11.B116	PARADE WATER/BAGS	10.83		
		07/10/24	CASH BOX	01-11.B117	SUPS LUNCH	72.18		
		07/10/24	CASH BOX	01-11.B119	POSTAGE	5.60		
		07/10/24	CASH BOX	01-13.B116	ICE FOR LAB	15.00	110.82	064930
POLYDYNE INC.	P000395	06/28/24	1845417	01-12.B402	BELT PRESS POLYMER	3074.04	3074.04	105907
PORTABLE JOHN, INC	P000410	06/19/24	286521	01-12.B812	PORTABLE JOHN RENTAL	173.89	173.89	105908
PORTER PIPE AND SUPPLY CO.	P000420	06/25/24	1281572400	01-12.B803	SLDG PMP PIPE COUPLINGS	57.02		
		06/25/24	1281574900	01-12.B802	HYPO BLDG SPIGOT RPLC	12.25	69.27	105909
PRINCIPAL LIFE INSURANCE CO	P000650	07/01/24	109309910001	01-17.E455	DENTAL INSURANCE	3095.76	3095.76	105910
Republic Services #551	R000264	06/30/24	055101597148	01-12.B102	RECYCLING	918.51		
		06/15/24	05511595361	01-12.B102	GRIT SCREEN DUMPSTER	1042.97	1961.48	064931
REVERE ELECTRIC	R000275	06/19/24	S5152169001	01-12.B511	INTERM CLAR2 RAIL CONDUIT	112.41	112.41	064932
ROWELL CHEMICAL CORPORATION	R000400	07/08/24	1409187	01-12.B401	SODIUM HYPOCHLORITE	7670.11	7670.11	105911
SAFETY-KLEEN SYSTEMS, INC.	S000050	06/28/24	94758308	01-12.B116	PART WASH SOLVENT	458.37	458.37	105912
S. Schroeder Trucking, Inc.	S000059	06/06/24	253965	01-12.B509	SAND	1245.64	1245.64	064949
CARLY SHAW	S000305	06/17/24	REIMBURSE	01-11.B116	JG BUSINESS CARDS	43.98		
		06/20/24	REIMBURSE 1	01-11.B117	TEAM BUILD COFFEE/DONUTS	77.15		
		06/19/24	REIMBURSE 2	01-11.B117	TEAM BUILD LUNCH	139.64		
		06/19/24	REIMBURSE 2	01-12.B117	TEAM BUILD LUNCH	114.36		
		06/19/24	REIMBURSE 2	01-13.B117	TEAM BUILD LUNCH	58.30		

01 GENERAL FUND STANDARD CHECK REGISTER FOR 07/16/24

Date: 07/11/24
Time: 10:32am

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		06/20/24	REIMBURSE 3	01-11.B117	TEAM BUILD LUNCH	57.96		
		06/20/24	REIMBURSE 3	01-12.B117	TEAM BUILD LUNCH	115.11		
		06/20/24	REIMBURSE 3	01-14.B117	TEAM BUILD LUNCH	127.20		
		06/19/24	REIMBURSE 4	01-11.B117	TEAM BUILD COFFEE/DONUTS	103.42		
		07/09/24	REIMBURSE 6	01-11.B137	NEWSLETTER EMAIL BLAST	14.67	851.79	105913
SHERWIN-WILLIAMS CO.	S000320	06/26/24	21937	01-12.B809	BLT PRESS DOOR PAINT	301.18	301.18	105914
SMARTSIGN	S000432	06/25/24	SMT733097	01-14.B113	REFLECTIVE SIGNS	53.79		
		07/01/24	SMT735227	01-11.B113	REFLECTIVE SIGNS	52.33	106.12	064933
STAPLES INC.	S000640	06/24/24	6005851701	01-14.B116	GRAPH PAPER	39.34		
		06/14/24	6008581700	01-11.B116	PARADE CANDY	87.60	126.94	105915
STEPHENS PLUMBING AND	S000680	06/11/24	272089	01-11.B118	TEST RPZ DEVICE	240.00		
		06/11/24	272089	01-12.B812	TEST RPZ DEVICE	470.00	710.00	064934
SUNBELT RENTALS	S000799	06/18/24	155634287000	01-12.B116	PROPANE	33.69	33.69	064950
SUBURBAN DOOR CHECK & LOCK	S000850	06/20/24	IN571015	01-15.B520	BUTTERFIELD LS ACCESS KEY	15.00	15.00	105916
SUBURBAN LIFE PUBLICATIONS	S000867	06/30/24	10071278	01-11.B124	LEGAL PUBLICATION	381.88	381.88	064935
TELCO BILL CENTER	T000155	07/01/24	4125	01-12.B112	ELEVATOR PHONE SERVICE	39.96	39.96	105917
TERRACE SUPPLY COMPANY	T000250	06/30/24	0001059969	01-12.B116	CYLINDER RENTAL	51.30		
		07/01/24	0071046488	01-12.B116	WELDER SUPPLIES	119.90	171.20	105918
USABLUBOOK	U000150	06/05/24	00385609	01-13.B122	SAMPLER PUMP TUBING	1619.94		
		06/11/24	00390313	01-13.B116	LAB SUPPLIES	94.13		
		06/20/24	00399651	01-13.B116	LAB SUPPLIES	73.40	1787.47	064936
UNITED PARCEL SERVICE	U000300	06/01/24	0003Y0091224	01-12.B116	SHIPPING SERVICES	16.09	16.09	064937
UNO CONSTRUCTION CO., INC.	U000450	07/02/24	1433	01-14.B913	EMERGENCY RODDING LABOR	3948.44		
		06/19/24	1434	01-12.B512	CURT ST VALVE RPLC	5542.44		
		07/01/24	JUNE 2024	01-14.B910	BSSRAP PROGRAM	44418.90	53909.78	105919
VWR INTERNATIONAL INC.	V000030	06/18/24	8816357075	01-13.B115	RINSER PIPETTE	934.40		
		06/19/24	8816372361	01-13.B114	CHEMICALS	240.85	1175.25	064938
VERIZON WIRELESS	V000135	07/01/24	542042560002	01-12.B112	PLANT TABLETS	165.45		
		07/01/24	542042560002	01-14.B112	SS TABLETS	30.06		
		07/01/24	542042560002	01-15.B112	LS TABLETS	36.01		
		07/01/24	542042956000	01-11.B112	ADMIN CELL PHONES	215.11		
		07/01/24	542042956000	01-12.B112	PLANT CELL PHONES	927.17		
		07/01/24	542042956000	01-13.B112	LAB CELL PHONES	155.70		
		07/01/24	542042956000	01-14.B112	SS CELL PHONES	484.61		
		06/28/24	785846626000	01-12.B112	RAIN GAUGE	66.70		
		06/28/24	785846626000	01-15.B112	LS REMOTE COMS	269.52	2350.33	064939
VILLA PARK ELECTRICAL SUPPLY	V000145	07/02/24	26611900	01-12.B502	10 AMP FUSES	247.90	247.90	064940
WAGNER COMMUNICATIONS, INC	W000070	07/01/24	000033202301	01-11.B112	ANSWERING SERVICE	745.02	745.02	105920
WASTE MANAGEMENT SERVICES, INC.	W000170	07/03/24	002730520091	01-12.B102	GARBAGE REMOVAL	545.24	545.24	105925
WESTFAX	W000350	07/01/24	1459809	01-11.B112	FAXING SERVICE	8.99	8.99	105921
WEST SIDE TRACTOR SALES CO.	W000380	06/14/24	V10269	01-12.B501	LOADER A/C REPAIR	1341.36	1341.36	064941
VILLAGE OF WESTMONT	W000450	06/21/24	1347	01-11.B121	METER READINGS	370.01		
		06/21/24	1348	01-11.B121	WATER SHUT OFFS	150.00	520.01	064942
						=====	=====	
Total Payments:						387778.61	387778.61	
ACH Payments Total:						222262.64	.00	
Check Payments Total:						165515.97	387778.61	

01 GENERAL FUND MANUAL CHECK REGISTER FOR 07/16/24

Date: 07/11/24
Time: 10:32am

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CHASE	B000050	06/28/24	EMPLPR062224	01-00.2000	FEDERAL TAX WITHHELD	12874.92		
		06/28/24	EMPLPR062224	01-00.2002	EMPL SOC SEC TAX	9552.14		
		06/28/24	EMPLPR062224	01-17.E461	EMPLR SOC SEC TAX	9552.18	31979.24	105866
CHASE	B000050	07/15/24	EMPLPR070624	01-00.2000	FEDERAL TAX WITHHELD	12710.10		
		07/15/24	EMPLPR070624	01-00.2002	EMPL SOC SEC TAX	9517.80		
		07/15/24	EMPLPR070624	01-17.E461	EMPLR SOC SEC TAX	9517.75	31745.65	105876
COVERALL NORTH AMERICA, INC	C000557	04/01/24	1010727521	01-12.B812	MSB CLEANING	135.08		
		04/01/24	1010727521	01-13.B116	LAB CLEANING	69.82	204.90	105861
D.G. SANIT DIST #XXXXXXXXX1117	D000400	07/16/24	REIMBURSE	01-00.1001	PAYROLL REIMBURSEMENT	161160.84	161160.84	105872
D.G. SANIT DIST #XXXXXXXXX1114	D000420	07/16/24	REFUNDS	01-05.3001	REFUNDS	2376.82	2376.82	105869
D.G. SANIT DIST #XXXXXXXXX1112	D000440	07/09/24	REIMBURSE	01-11.B120	EMBROIDERY	32.00		
		07/09/24	REIMBURSE	01-12.B116	MSB SUPPLIES	85.41		
		07/09/24	REIMBURSE	01-14.C225	VACCON MOTOR OIL	109.01		
		07/09/24	REIMBURSE	01-17.E455	PCORI TAX HRA	24.00	250.42	105873
DUPAGE CREDIT UNION	D000650	06/28/24	EMPLPR062224	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	105865
DUPAGE CREDIT UNION	D000650	07/15/24	EMPLPR070624	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	105877
HEALTH CARE SERVICE CORP.	H000190	06/28/24	165585	01-17.E455	HEALTH INSURANCE	50358.44	50358.44	105864
ILLINOIS DEPARTMENT OF REVENUE	I000240	07/01/24	EMPLPR062224	01-00.2001	STATE TAX WITHHELD	5843.70	5843.70	105867
ILLINOIS DEPARTMENT OF REVENUE	I000240	07/15/24	EMPLPR070624	01-00.2001	STATE TAX WITHHELD	5824.20	5824.20	105875
ILLINOIS MUNICIPAL	I000300	06/30/24	PENSION	01-00.2003	EMPL PENSION DEPOSIT	11137.41		
		06/30/24	PENSION	01-00.2014	EMPL VOL PENSION DEPOSIT	11954.18		
		06/30/24	PENSION	01-17.E460	EMPLR VOL PENSION DEPOSIT	14055.45	37147.04	105871
MIDAMERICA ADMIN HRA ACCOUNT	M000557	07/02/24	HRA FUNDING	01-17.E455	HRA FUNDING	600.00	600.00	105870
SMARTSIGN	S000432	04/29/24	SMT711893	01-12.B113	SAFETY SIGNS	4517.80	4517.80	064902
TRANSAMERICA RETIREMENT	T000415	07/01/24	EMPLPR062224	01-00.2026	DEF COMP IPPFA	587.81		
		07/01/24	EMPLPR062224	01-00.2027	DEF COMP IPPFA ROTH	472.00	1059.81	105868
TRANSAMERICA RETIREMENT	T000415	07/12/24	EMPLPR070624	01-00.2026	DEF COMP IPPFA	545.27		
		07/12/24	EMPLPR070624	01-00.2027	DEF COMP ROTH IPPFA	487.23		
		07/12/24	EMPLPR070624	01-00.2028	DEF COMP LOAN REPAY IPPFA	38.35	1070.85	105874
						=====	=====	
Total Payments:						339613.71	339613.71	
ACH Payments Total:						335095.91	.00	
Check Payments Total:						4517.80	339613.71	

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	B000120	06/17/24	0260139	02-48.0504	VENARD FORCE MAIN CS	1617.34	1617.34	105922
Berger Excavating Contractors,	B000137	06/12/24	216707	02-47.0506	CENTEX PS REPLACEMENT	128469.80	128469.80	105926
SWALLOW CONSTRUCTION CORP	S000876	06/21/24	1	02-48.0506	VENARD RD FORCE MAIN RPLC	365558.40	365558.40	064951
						=====	=====	
Total Payments:						495645.54	495645.54	
ACH Payments Total:						130087.14	.00	
Check Payments Total:						365558.40	495645.54	

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
BAXTER & WOODMAN, INC.	B000120	06/17/24	0260144	03-20.0504	CGD SYSTEM CS	1322.50			
		06/17/24	0260147	03-21.0501	BIOSOLIDS STUDY	977.50	2300.00	105923	
							=====	=====	
		Total Payments:					2300.00	2300.00	
		ACH Payments Total:					2300.00	.00	
Check Payments Total:					.00	2300.00			

DATE _____

REVIEWED _____

TRUSTEE APPROVAL _____

PRESIDENT

CLERK

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		727392.32-
01-00.1001	CASH - PAYROLL ACCOUNT	161160.84	
01-00.2000	FEDERAL TAX WITHHELD	25585.02	
01-00.2001	STATE TAX WITHHELD	11667.90	
01-00.2002	SOCIAL SECURITY WITHHELD	19069.94	
01-00.2003	IMRF WITHHELD	11137.41	
01-00.2013	CREDIT UNION WITHHELD	5474.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	11954.18	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	1133.08	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	959.23	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	38.35	
01-05.3001	USER RECEIPTS	2376.82	
01-05.3016	SALE OF ELECTRICITY		1835.08-
01-11.B100	ELECTRICITY	276.92	
01-11.B101	NATURAL GAS	51.37	
01-11.B102	WATER, GARBAGE AND OTHER UTILITIES	125.78	
01-11.B110	BANK CHARGES	32.00	
01-11.B112	COMMUNICATION	1944.18	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	3450.96	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	3186.50	
01-11.B116	SUPPLIES	199.90	
01-11.B117	EMPLOYEE/DUTY COSTS	2217.76	
01-11.B118	BUILDING AND GROUNDS	1193.64	
01-11.B119	POSTAGE	5.60	
01-11.B120	PRINTING/PHOTOGRAPHY	32.00	
01-11.B121	USER BILLING MATERIALS	6630.98	
01-11.B124	CONTRACT SERVICES	17873.36	
01-11.B137	MEMBERSHIPS/SUBSCRIPTIONS	513.67	
01-11.C222	GAS/FUEL	310.91	
01-11.C225	OPERATION/REPAIR	173.06	
01-12.B100	ELECTRICITY	7873.47	
01-12.B101	NATURAL GAS	273.43	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	5211.88	
01-12.B112	COMMUNICATION	1199.28	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	4784.10	
01-12.B116	SUPPLIES	1552.58	
01-12.B117	EMPLOYEE/DUTY COSTS	3446.92	
01-12.B130	NPDES PERMIT FEES	53000.00	
01-12.B401	CHEMICALS - DISINFECTION	14934.43	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	3074.04	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	2654.93	
01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	739.68	
01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	4217.92	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	193.00	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	23000.00	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	1245.64	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	423.07	
01-12.B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	1495.66	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	6496.35	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	75286.29	
01-12.B802	BLDG AND GROUNDS - DISINFECTION	63.30	
01-12.B803	BLDG AND GROUNDS - EXCESS FLOW	169.87	
01-12.B804	BLDG AND GROUNDS - GRIT REMOVAL	25.52	
01-12.B809	BLDG AND GROUNDS - SLUDGE DEWATERING	339.15	
01-12.B810	BLDG AND GROUNDS - SLUDGE DIGESTION	51.05	
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	408.01	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	3875.98	
01-12.B813	BLDG AND GROUNDS - WWTC UTILITIES	62.00	
01-12.C222	GAS/FUEL	4241.69	
01-12.C225	OPERATION/REPAIR	2195.49	
01-13.B112	COMMUNICATION	155.70	
01-13.B114	CHEMICALS	240.85	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	4106.15	
01-13.B116	SUPPLIES	1066.82	
01-13.B117	EMPLOYEE/DUTY COSTS	568.60	
01-13.B122	MONITORING EQUIPMENT	1619.94	
01-13.B123	OUTSIDE LAB SERVICES	4896.20	
01-13.B124	CONTRACT SERVICES	1292.50	
01-13.C222	GAS/FUEL	136.67	
01-14.B112	COMMUNICATION	514.67	
01-14.B113	EMERGENCY/SAFETY EQUIPMENT	152.79	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	27173.68	
01-14.B116	SUPPLIES	251.22	
01-14.B117	EMPLOYEE/DUTY COSTS	2039.11	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	14873.75	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	44507.82	
01-14.B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH	3948.44	
01-14.C222	GAS/FUEL	4262.84	
01-14.C225	OPERATION/REPAIR	239.97	
01-15.B100	ELECTRICITY	10923.15	
01-15.B112	COMMUNICATION	305.53	
01-15.B520	EQPT/EQPT REPAIR - BUTTERFIELD	640.00	
01-15.B522	EQPT/EQPT REPAIR - COLLEGE	625.00	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	631.26	
01-15.B526	EQPT/EQPT REPAIR - NORTHWEST	44.90	
01-15.B528	EQPT/EQPT REPAIR - WROBLE	625.00	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	153.16	
01-15.B821	BLDG AND GROUNDS - CENTEX	153.16	
01-15.B823	BLDG AND GROUNDS - EARLSTON	153.16	
01-15.B824	BLDG AND GROUNDS - HOBSON	768.16	
01-15.B825	BLDG AND GROUNDS - LIBERTY PARK	2278.16	
01-15.B826	BLDG AND GROUNDS - NORTHWEST	198.12	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-15.B827	BLDG AND GROUNDS - VENARD	153.16	
01-15.B828	BLDG AND GROUNDS - WROBLE	153.16	
01-17.E455	EMPLOYEE GROUP HEALTH	54939.13	
01-17.E460	IMRF	14055.45	
01-17.E461	SOCIAL SECURITY	19069.93	
02-00.1000	CASH		495645.54-
02-47.0506	CONSTRUCTION CONTRACTS AND PURCHASES	128469.80	
02-48.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	1617.34	
02-48.0506	CONSTRUCTION CONTRACTS AND PURCHASES	365558.40	
03-00.1000	CASH		2300.00-
03-20.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	1322.50	
03-21.0501	REPORT ENGINEERING/ARCHITECTURAL	977.50	
		=====	
		1227172.94	1227172.94-

Date: 07.09.24
Due Date: 07.16.24
Invoice #: Reimburse

Petty Cash Checking Reimbursement

D-440

Date	Purchased From	Description	Code	Amount	Ck No.
06.21.24	Costco	MSB Supplies	12B116	85.41	3921
06.25.24	US Treasury	PCORI Tax HRA	17E455	24.00	3922
06.26.24	Costco	VacCon motor oil	14C225	109.01	3923
07.09.24	Holy Cow Sports	Embroidery	11B120	32.00	3924

Total Receipts/Reimbursement	250.42
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Expense by code

12B116	85.41
11B120	32.00
14C225	109.01
17E455	24.00
TOTAL	250.42

P - 350

Invoice #: Cash Box

Date	Purchased From	Reimbursed To	Description	Code	Amount
06.12.24	7 ELEVEN	RB	ICE FOR LAB	13B116	15
06.12.24	USPS	KJ	POSTAGE	11B119	4.80
06.12.24	USPS	KJ	POSTAGE	11B119	0.80
06.21.24	TACO DALE	KJ	SUPS LUNCH	11B117	72.18
06.22.24	JEWEL	JG	SAFETY MEETING SNACKS	11B113	7.21
07.03.24	JEWEL	MJ	PARADE WATER/BAGS	11B116	10.83
			Total Receipts		110.82

Expense by code

11B116	10.83
11B119	5.60
11B117	72.18
11B113	7.21
13B116	15.00
TOTAL:	110.82

DOWNERS GROVE SANITARY DISTRICT
MEMO

DATE: July 3, 2024

TO: Board of Trustees

FROM: Carly Shaw
Administrative Supervisor

RE: Real Estate Tax Levy and Rate for 2023

Attached is the final tax levy notice from the County Clerk for the 2023 tax levy which is paid by the District's customers this year as part of their tax bill. The levy contains the \$1,501,578 general corporate levy to be used for sanitary sewer system repairs and replacements and repayment of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program.

In 2021 the Governor passed Senate Bill 508 an amendment to Property Tax Extension Limitation Law (PTELL) which states the County must give tax-capped taxing districts back any losses from the previous tax year that were incurred from an error or court order assessment valuation comparison. There will no longer be the 1% County issued loss factor seen in previous years calculations. In 2022 we had a loss of \$2,475.71 from these assessment changes that are included in our 2023 levy as an aggregate refund adjustment.

The 2023 rate of 0.0407 is 0.99% more than last year's rate (see attached Table 2). The District's assessed valuation continues to increase and went from \$3,604,239,679 to \$3,705,406,008 an increase of 2.81%. The total extension of \$1,504,394.84 represents a 5.20% increase over last year's extension of \$1,430,074.74. As part of the amendment mentioned above, there is an addition to the final tax extension amount of \$3,705.41 for aggregate refunds which is calculated by the County using .0001% of the net assessed valuation amount of \$3,705,406,008. This brings the total tax extension to \$1,508,100.25. Table 1 attached details the calculation of the levy with the aggregate refund adjustment. It also indicates the reduction due to the TIFs. Because of both the Downers Grove Central Business District TIF and the Downers Grove Ogden Avenue TIF, District taxes were reduced from an "actual extension" of the tax levy of \$1,526,767.84 to \$1,508,100.25 (-\$18,667.59) for 2023. Increases in the extension have averaged 4.02% over the past 10 years.

Based upon information provided by the County Clerk, we calculated the following breakdown of the change in assessed valuation:

New construction	\$ 25,812,380
New annexations	3,689,354
Adjustments to existing assessed valuations	<u>109,633,101</u>
(Average increase of 3.05% over 10 years)	\$139,134,835

Assuming the median assessed value of a single-family residence was at \$112,569 (taken from the FY 24-25 budget figure found on page 33 of the Five-Year Financial Plan for FY24-25), District taxes are estimated to be \$45.37 per residence this year compared to \$44.04 last year, an increase of 2.93%.

Attachments

cc: KJR, RTJ, MJS, ARU, DM

FINAL

DUPAGE COUNTY 2023 Rate Calculation Report

SD0200

DOWNERS GR SAN DIST

DUPAGE COUNTY	3,705,406,008	REAL:	3,701,737,724
	-----	RR:	3,668,284
2023 BILLING VALUATION	3,705,406,008	GTOT:	3,705,406,008

TAX BURDEN:	0.0000	LIMITING RATE:	.0409	RATE REDUCTION:	0.0000
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LEVY			TAXES EXTENDED			PTELL LIMITATION ACT		DISTRICT REALLOCATION	
NAME	AMOUNT	PLUS	LIMIT	RATE	EXTENSION	RATE	EXTENSION	RATE	EXTENSION
CORPORATE	1,501,578.00	1,501,578.00	0.2000	.0406	1,504,394.84				
*AGGREGATE REFUNDS	2,475.71	2,475.71		.0001	3,705.41				
TOTAL CAP FUNDS	1,501,578.00	1,501,578.00		.0406	1,504,394.84				
* TOTAL NON CAP FUNDS	2,475.71	2,475.71		.0001	3,705.41				
GRAND TOTAL	1,504,053.71	1,504,053.71		.0407	1,508,100.25				

DUPAGE COUNTY
2023 Rate Calculation Report

SD0200
DOWNERS GR SAN DIST

DUPAGE COUNTY	3,705,406,008	REAL:	3,701,737,724
		RR:	3,668,284
2023 BILLING VALUATION	3,705,406,008	GTOT:	3,705,406,008

TAX BURDEN: 0.0000 LIMITING RATE: .0409 RATE REDUCTION: 0.0000

LEVY	TAXES EXTENDED	ADJUSTED	PRIOR YEARS	ADJUSTED	FINAL	
NAME	AMOUNT	EXTENSION	ADJUSTMENT	AMOUNT	RATE	EXTENSION
CORPORATE		1,504,394.84		1,504,394.00	.0406	1,504,394.84
*AGGREGATE REFUNDS		3,705.41		3,705.00	.0001	3,705.41
TOTAL CAP FUNDS		1,504,394.84		1,504,394.00	.0406	1,504,394.84
* TOTAL NON CAP FUNDS		3,705.41		3,705.00	.0001	3,705.41
GRAND TOTAL		1,508,100.25		1,508,099.00	.0407	1,508,100.25

TABLE 1**CALCULATION OF REAL ESTATE TAX LEVY EXTENSION**

TAX YEAR 2023

PROPERTY VALUATIONS

Total Assessed Valuation		\$3,751,272,330
Assessed Valuation for TIF	-	\$45,866,322
Net Assessed Valuation		<u>\$3,705,406,008</u>
New Construction	-	\$25,812,380
New Annexations	-	\$3,689,354
Expired Incentives	-	\$44,640
Equalized Assessed Valuation		<u>\$3,675,859,634</u>

LEVY AND EXTENSION BEFORE CAP

Amount Levied by DGSD		\$1,501,578
Aggregate Refunds (2022 property tax assesment appeal refunds)		\$2,475.71
Total Amount Levied by DGSD		\$1,504,053.71
Net Assessed Valuation	÷	<u>3,705,406,008</u>
Extended Rate		0.04059
Extended Rate Rounded up by County Clerk		0.0406
Net Assessed Value	X	<u>3,705,406,008</u>
Tax Extension Total		\$1,504,394.84
Aggregate Refunds (.0001% of Net Assessed Valuation)	+	<u>\$3,705.41</u>
Tax Extension Before Cap		\$1,508,100.25

CAP (LIMITING RATE):

2022 Extension after Cap		\$1,430,074.74
2023 Consumer Price Index Multiplier From Tax Cap Law (adds 5%)	X	<u>1.050</u>
Final Base Aggregate Extension		\$1,501,578
Equalized Assessed Valuation	÷	<u>3,675,859,634</u>
Limiting Rate for 2023		0.0409

CAPPED EXTENSION

Net Assessed Valuation		3,705,406,008
Limiting Rate for 2023 (Greater than Extended Rate)	X	<u>0.0409</u>
Extension at Limiting Rate		\$1,515,511.06
Less Difference Between Limiting Rate and Extended Rate (includes Aggregate Refunds not subject to cap)	-	<u>\$7,410.81</u>
Total Taxes to be Received		\$1,508,100.25

Taxes that would have been Received assuming no TIF	\$1,526,767.84
Reduction due to TIF (Extension assuming no TIF - Extension because of TIF)	(\$18,667.59)

Table 2

DOWNERS GROVE SANITARY DISTRICT
Tax Levies and Tax Rates

Tax Year	Year Billed	Gen'l Corp. & Other Operating Uses	Total Levy	Percent Increase From Prior Year's Final Extension After Cap	Tax Extension Before Cap	Final Tax Extension After Cap	Percent Increase From Prior Year	Reduction of Extension Due to Cap	Percent Reduction	Addition of Aggregate Refund	Final Tax Extension After Additions	Actual Assessed Valuation	Percent Increase From Prior Year	Assessed Valuation Excluding the DG TIF	Amount Increase From Prior Year	Percent Increase From Prior Year	Reduction in District Taxes Due to DG TIF	Final Tax Rate	Percent Change From Prior Year
2000	2001	665,000.00	665,000.00	4.84%	671,796.54	668,342.57	5.37%	3,453.97	0.52%			1,728,638,263	5.42%	1,726,983,390	88,018,505	5.37%	640.00	0.0387	0.00%
2001	2002	701,700.00	701,700.00	4.99%	709,687.84	700,542.38	4.82%	9,145.46	1.31%			1,833,895,793	6.09%	1,829,092,383	102,108,993	5.91%	1,839.71	0.0383	(1.03%)
2002	2003	735,500.00	735,500.00	4.99%	743,370.03	727,469.07	3.84%	15,900.96	2.19%			1,999,748,786	9.04%	1,987,620,402	158,528,019	8.67%	4,438.99	0.0366	(4.44%)
2003	2004	763,800.00	763,800.00	4.99%	771,902.79	754,891.16	3.77%	17,011.63	2.25%			2,140,368,777	7.03%	2,126,453,966	138,833,564	6.98%	4,939.76	0.0355	(3.01%)
2004	2005	792,600.00	792,600.00	5.00%	801,834.59	778,859.39	3.18%	22,975.20	2.95%			2,322,180,659	8.49%	2,297,520,325	171,066,359	8.04%	8,359.85	0.0339	(4.51%)
2005	2006	817,800.00	817,800.00	5.00%	828,075.78	818,038.50	5.03%	10,037.28	1.23%			2,538,869,699	9.33%	2,509,320,544	211,800,219	9.22%	9,633.02	0.0326	(3.83%)
2006	2007	858,900.00	858,900.00	5.00%	869,503.63	861,326.48	5.29%	8,177.15	0.95%			2,761,640,899	8.77%	2,725,716,700	216,396,156	8.62%	11,352.04	0.0316	(3.07%)
2007	2008	904,300.00	904,300.00	4.99%	916,087.47	898,299.36	4.29%	17,788.11	1.98%			3,010,126,887	9.00%	2,964,684,366	238,967,666	8.77%	13,769.09	0.0303	(4.11%)
2008	2009	943,200.00	943,200.00	5.00%	955,145.20	948,840.61	5.63%	6,304.59	0.66%			3,208,780,143	6.60%	3,152,294,383	187,610,017	6.33%	17,002.21	0.0301	(0.66%)
2009	2010	996,200.00	996,200.00	4.99%	1,009,000.16	961,703.28	1.36%	47,296.88	4.92%			3,214,943,324	0.19%	3,153,125,507	831,124	0.03%	18,854.43	0.0305	1.33%
2010	2011	1,009,700.00	1,009,700.00	4.99%	1,021,737.25	997,975.92	3.77%	23,761.33	2.38%			3,028,908,351	(5.79%)	2,970,166,415	(182,959,092)	(5.80%)	19,737.29	0.0336	10.16%
2011	2012	1,047,800.00	1,047,800.00	4.99%	1,060,292.27	1,020,918.02	2.30%	39,374.25	3.86%			2,866,293,054	(5.37%)	2,812,446,329	(157,720,086)	(5.31%)	19,546.36	0.0363	8.04%
2012	2013	1,071,900.00	1,071,900.00	4.99%	1,084,304.40	1,058,176.58	3.65%	26,127.82	2.47%			2,661,520,162	(7.14%)	2,612,781,682	(199,664,647)	(7.10%)	19,739.09	0.0405	11.57%
2013	2014	1,111,000.00	1,111,000.00	4.99%	1,122,218.40	1,084,894.06	2.52%	37,324.34	3.44%			2,534,554,665	(4.77%)	2,488,289,137	(124,492,545)	(4.76%)	20,171.77	0.0436	7.65%
2014	2015	1,139,100.00	1,139,100.00	5.00%	1,151,420.43	1,109,325.49	2.25%	42,094.94	3.79%			2,522,394,078	(0.48%)	2,476,172,963	(12,116,174)	(0.49%)	20,707.06	0.0448	2.75%
2015	2016	1,164,700.00	1,164,700.00	4.99%	1,177,049.76	1,127,681.23	1.65%	49,368.53	4.38%			2,648,893,312	5.02%	2,598,343,851	122,170,888	4.93%	21,938.47	0.0434	(3.13%)
2016	2017	1,184,000.00	1,184,000.00	4.99%	1,196,852.02	1,146,867.48	1.70%	49,984.54	4.36%			2,836,161,603	7.07%	2,776,918,837	178,574,986	6.87%	24,467.26	0.0413	(4.84%)
2017	2018	1,204,200.00	1,204,200.00	5.00%	1,216,359.94	1,184,119.07	3.25%	32,240.87	2.72%			3,001,304,727	5.82%	2,930,987,803	154,068,966	5.55%	28,408.04	0.0404	(2.18%)
2018	2019	1,243,300.00	1,243,300.00	5.00%	1,258,434.77	1,221,602.54	3.17%	36,832.23	3.02%			3,151,400,174	5.00%	3,069,353,105	138,365,302	4.72%	32,654.73	0.0398	(1.49%)
2019	2020	1,282,600.00	1,282,600.00	4.99%	1,296,748.13	1,258,420.60	3.01%	38,327.53	3.05%			3,287,185,728	4.31%	3,193,960,918	124,607,813	4.06%	37,849.27	0.0406	2.01%
2020	2021	1,321,300.00	1,321,300.00	5.00%	1,337,489.35	1,304,052.12	3.63%	33,437.23	2.56%			3,443,643,973	4.76%	3,343,723,383	149,762,465	4.69%	39,968.24	0.04	(1.48%)
2021	2022	1,369,200.00	1,369,200.00	5.00%	1,374,934.97	1,360,976.24	4.37%	13,958.73	1.03%	3,489.68	1,364,465.92	3,525,021,220	2.36%	3,489,682,674	145,959,291	4.37%	13,888.05	0.0393	(1.75%)
2022	2023	1,429,025.05	1,429,025.05	5.00%	1,430,074.74	1,430,074.74	5.08%	0	0.00%	3,566.27	1,433,641.01	3,604,239,679	2.25%	3,566,271,173	76,588,499	2.19%	15,301.31	0.0403	2.54%
2023	2024	1,501,578.00	1,501,578.00	5.00%	1,504,394.84	1,504,394.84	5.20%	0	0.00%	3,705.41	1,508,100.25	3,751,272,330	4.08%	3,705,406,008	139,134,835	3.90%	18,667.59	0.0407	0.99%

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Carly Shaw
Administrative Supervisor

DATE: June 26, 2024

RE: 2024 Levy Ordinance

The proposed 2024 Levy Ordinance is attached. This levy of \$1,579,614 for sanitary sewer system repairs and replacements and repayment of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program represents a 5% increase over the 2023 levy of \$1,504,394. In accordance with the tax cap, the County Clerk will automatically reduce this levy to reflect the approved consumer price index increase for the preceding 12-month calendar year. For tax year 2023, that increase is 5%. This is the same as the allowed increase over last year of 5% so we do not anticipate any reduction to the 2024 levy amount.

A copy of the Calculations for Truth in Taxation Process worksheet prepared by the DuPage County Clerk's office is also attached. This worksheet indicates that the district's 2024 tax levy request cannot exceed \$1,579,614 in order to comply with the Truth in Taxation Act.

Staff will request Board approval of this levy ordinance at the July 16 regular meeting.

Enclosures

cc: KJR, RTJ, MJS, ARU, DM

AN ORDINANCE FOR THE LEVY OF TAXES FOR GENERAL CORPORATE
PURPOSES FOR THE DOWNERS GROVE SANITARY DISTRICT FOR THE
FISCAL YEAR BEGINNING MAY 1, 2024 AND ENDING APRIL 30, 2025

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

Section 1. That the sum of \$1,579,614 being that part of the total appropriation
heretofore legally made for corporate purposes for the DOWNERS GROVE
SANITARY DISTRICT, a body politic and corporate of the County of DuPage, and
State of Illinois which is to be collected from the tax levy of the current fiscal year
commencing on the first day of May 2024, and ending on the 30th day of April 2025.

BE AND THE SAME IS HEREBY LEVIED AND ASSESSED on all real and personal
property within the boundary of said DOWNERS GROVE SANITARY DISTRICT, subject to
taxation according to the value of such property as the same is assessed for State and County
purposes for the current fiscal year, for the purposes and in the amounts hereinafter set forth.

	<u>TOTAL AMOUNT</u>	<u>TO BE PAID FROM CORPORATE TAXATION</u>
SANITARY SEWER SYSTEM REPAIRS AND REPLACEMENTS AND RE- PAYMENT OF LOANS UNDER THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 / ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S WATER POLLUTION CONTROL LOAN PROGRAM	<u>\$1,579,614</u>	<u>\$1,579,614</u>
GRAND TOTAL	<u>\$1,579,614</u>	<u>\$1,579,614</u>

Section 2. That the County Clerk be and he is hereby directed as provided by law, to
ascertain the rate percent which, upon the total valuation of all properties subject to

taxation within the DOWNERS GROVE SANITARY DISTRICT, as the same is assessed and equalized for state and county purposes, will produce a net amount as herein legally levied, and to extend such tax pursuant to the statutes in such case made and provided.

Section 3. That the Clerk of said District and of the said Board of Trustees be and he is hereby directed to file with the County Clerk of DuPage County, Illinois, within the time limited by law, a copy of this ordinance duly certified by him.

Section 4. That this ordinance shall be in full force and effect immediately upon its passage, approval and filing.

Dated: This 16th day of July, A.D., 2024.

RECORDING VOTES:

AYES: _____

ABSENT: _____

NAYS: _____

APPROVED this 16th day of July, A.D., 2024.

President, Board of Trustees of the
DOWNERS GROVE SANITARY DISTRICT
DuPage County, Illinois

ATTEST:

Clerk

CERTIFICATE OF LEVY

STATE OF ILLINOIS

COUNTY OF DUPAGE

To the Clerk of DuPage County:

I, MARK EDDINGTON, do hereby certify that I am the duly elected Clerk of the Board of Trustees of the Downers Grove Sanitary District, a body politic and corporate in DuPage County, Illinois: and that pursuant to the authority vested in said Board of Trustees within Section 12 of the Sanitary District Act of 1917, as amended, the Board of Trustees, in meeting assembled on July 16, 2024, did direct and authorize that there be raised by general taxation the amounts hereinafter set forth, to be levied upon all the taxable property in said Sanitary District, in order to meet and defray the necessary expenses and liabilities of the Sanitary District as required by law, and the amounts so required are itemized and needed for uses and purposes as follows, as appears from the record of the proceedings of said Board of Trustees meeting, now on file in my records, to-wit:

SANITARY SEWER SYSTEM REPAIRS	\$1,579,614
AND REPLACEMENTS AND RE-	
PAYMENT OF LOANS UNDER THE	
AMERICAN RECOVERY AND	
REINVESTMENT ACT OF 2009 / ILLINOIS	
ENVIRONMENTAL PROTECTION	
AGENCY'S WATER POLLUTION	
CONTROL LOAN PROGRAM	
TOTAL	\$1,579,614

Making the amount to be raised by taxation and levied upon all taxable property in said Sanitary District, for the necessary expenses and uses aforesaid for the general corporate purposes, the sum of \$1,579,614. And it is hereby directed that the aforesaid sum be raised by taxation, in the manner provided by law.

Dated July 16, 2024.

_____(SEAL)
Mark Eddington, Clerk

APPROVED:

Board of Trustees

DOWNERS GROVE SANITARY DISTRICT

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

CERTIFICATE OF INAPPLICABILITY

I, CARLY SHAW, DO HEREBY CERTIFY THAT I AM THE DULY QUALIFIED AND ACTING ASSISTANT CLERK OF THE DOWNERS GROVE SANITARY DISTRICT, DUPAGE COUNTY, ILLINOIS.

I DO FURTHER CERTIFY THAT PROVISIONS OF THE "TRUTH IN TAXATION ACT" (ILLINOIS COMPILED STATUTES, CHAPTER 35, ACT 200, SECTIONS 18-55 THROUGH 18-100) ARE INAPPLICABLE TO THE DOWNERS GROVE SANITARY DISTRICT IN CONNECTION WITH ITS 2024 TAX LEVY ORDINANCE, AS THE LEVY IS NOT MORE THAN FIVE PERCENT GREATER THAN LAST YEARS EXTENSION.

IN WITNESS WHEREOF, I HEREUNTO AFFIX MY OFFICIAL SIGNATURE AT DOWNERS GROVE, ILLINOIS THIS 16TH DAY OF JULY 2024.

DOWNERS GROVE SANITARY DISTRICT

BY: _____
CARLY SHAW
ASSISTANT CLERK

(SEAL)



DU PAGE COUNTY
CALCULATIONS FOR "TRUTH IN TAXATION" PROCESS
Year 2023

SD0200

TAXING DISTRICT NAME:	DOWNERS GR SAN DIST
TOTAL 2023 TAX EXTENSION:	\$1,508,100.25
TOTAL 2023 DEBT EXTENSION: (INCLUDES DEBT SERVICE, AGGREGATE REFUNDS AND P.B.C. LEASES)	\$3,705.41
SUB TOTAL = TOTAL MINUS DEBT EXTENSION:	\$1,504,394.84
ADDITION OF 2023 ABATEMENTS: (DOES NOT INCLUDE BOND ABATEMENTS)	NONE
TOTAL 2023 AGGREGATE EXTENSION: (INCLUDES CORPORATE & SPECIAL PURPOSES, ABATEMENTS AND NO DEBT)	\$1,504,394.84
***ADDITION OF 105% TO THE TOTAL AGGREGATE EXTENSION: (INCLUDES CORPORATE AND SPECIAL PURPOSES, ABATEMENTS AND NO DEBT)	\$1,579,614.58

***** YOUR 2024 TAX LEVY REQUEST, MINUS DEBT, CANNOT EXCEED THIS FIGURE WITHOUT COMPLIANCE TO THE "TRUTH IN TAXATION ACT".**

ALL OF THE ABOVE CALCULATIONS ARE FOR DU PAGE COUNTY ONLY. IF YOUR DISTRICT OVERLAPS INTO ANY OTHER COUNTY, YOU WILL NEED TO OBTAIN THE REMAINDER OF YOUR EXTENSION INFORMATION FROM THAT COUNTY, IN ORDER TO HAVE ALL THE NECESSARY FIGURES YOU WILL NEED TO DETERMINE COMPLIANCE WITH "TRUTH IN TAXATION".

ANY DISTRICT WHO MUST PUBLISH IN ORDER TO COMPLY WITH THE "TRUTH IN TAXATION ACT", WILL NEED TO INCLUDE 2024 DEBT SERVICE FIGURES IN THE PUBLICATION NOTICE, AS REQUIRED BY SENATE BILL 136, PASSED 12-5-1989. ACCORDING TO OUR RECORDS AS OF APRIL 30, 2024, YOUR DEBT SERVICE FIGURE IS **NONE**. ANY DEBT ISSUED AFTER THIS DATE, BUT PRIOR TO YOUR PUBLICATION DATE, MUST BE ADDED TO THIS FIGURE.

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Keith Shaffner
Sewer Construction Supervisor

DATE: July 1, 2024

RE: Annexation Ordinance No. AO 2024-04 – 6130 Fairview Avenue,
Downers Grove

This annexation involves one single family home lot, located at 6130 Fairview Avenue. The sewer is in the east parkway between 61st Street and Brookside Drive, as indicated on the attached map. This project did not require Board of Local Improvement approval. This annexation does not need any right-of-way annexations to make the property contiguous. All tap fees and trunk sewer service charges have been paid as required by ordinance.

The subject ordinance will be presented to the Board for adoption at the July 16th, 2024 Board meeting.

Attachments

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

ANNEXATION ORDINANCE NO. AO 2024-04

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

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

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

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

LOT 4 IN BLOCK 1 IN H. M. CORNELL'S SIXTY-THIRD STREET GARDENS, BEING A SUBDIVISION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 38 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 9, 1925 AS DOCUMENT 204460, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 09-17-412-010

Property Address: 6130 Fairview Avenue, Downers Grove, Illinois 60516

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

PASSED and APPROVED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT at their regular meeting held on the 16th day of July 2024.

President

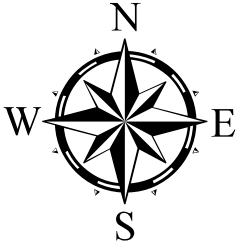
ATTEST: _____
Clerk

Downers Grove Sanitary District
AO2024-04
6130 Fairview Avenue



Legend

- Sanitary Manholes
- Sanitary Sewer
- annexed_parcel



PETITION FOR ANNEXATION
of certain property to
DOWNERS GROVE SANITARY DISTRICT

Your Petitioners, SAL REXHEPI and AJSHE REXHEPI, his wife, respectfully submit unto the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT their Petition for Annexation of property owned by them to the DOWNERS GROVE SANITARY DISTRICT, and state the following:

1. That they are the owners of the following described property located in DuPage County, Illinois, to-wit:

LOT 4 IN BLOCK 1 IN H. M. CORNELL'S SIXTY-THIRD STREET GARDENS, BEING A SUBDIVISION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 38 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 9, 1925 AS DOCUMENT 204460, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 09-17-412-010

Property Address: 6130 Fairview Avenue, Downers Grove, Illinois 60516

2. That the property is unimproved.
3. That the above described property is contiguous to the corporate limits of the DOWNERS GROVE SANITARY DISTRICT and is in no way disqualified by the Statutes of the State of Illinois from being annexed to said District.
4. That your Petitioners are ready and willing to assume their proportionate share of the existing indebtedness, both bonded and otherwise, of the DOWNERS GROVE SANITARY DISTRICT.
5. That there is attached to this Petition and incorporated herein by reference, a Plat of Survey which sets forth the exact and particular location of the above described premises.

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



SAL REXHEPI



AJSHE REXHEPI

Board of Trustees

Amy E. Sejnost
President

Jeremy M. Wang
Vice President

Mark Eddington, P.E.
Clerk



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

General Manager
Amy R. Underwood, P.E.

Legal Counsel
Daniel McCormick, P.C.

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees

From: Amy Underwood, General Manager

Date: July 12, 2024

Subject: Contract Award – 2024 Sewer Rehabilitation

Bids were opened for the 2024 Sewer Rehabilitation project on July 11, 2024. Five (5) bids were received. All bidders were pre-qualified as required by the Downers Grove Sanitary District Pre-Qualification Policy. Baxter & Woodman reviewed the bids for conformance with the contract documents. A letter of recommendation from B&W recommending award of the contract to the lowest, responsible and responsive bidder, Hoerr Construction, Inc., in the amount of \$1,497,724.00 is attached. The bid tabulation is also attached for your information.

Under this project, the following sections of pipe will be rehabilitated using cured-in-place pipe (CIPP):

- 248 lineal feet (lf) of 8" sanitary sewer on Ogden Ave in front of the Fannie May in Downers Grove,
- Approximately 1,400 lf of 27" reinforced concrete sewer on Powell Street between 67th Street and O'Brien Park in Downers Grove, and
- Approximately 2,400 lf of 42" reinforced concrete outfall sewer between I-355 and St. Joseph Creek.

In addition to the pipe rehabilitation, a manhole on the Powell Street sewer will be replaced under this project.

The FY24-25 budget included \$1,810,000 for engineering and construction of this project.

At the July 16 Board meeting, I will request the Board award the 2024 Sewer Rehabilitation project to the lowest responsible and responsive bidder, Hoerr Construction, Inc., in the amount of \$1,497,724.00 and for the General Manager and Assistant Clerk to sign the same.

C: BOLI, CS, DM

July 11, 2024

President and Board of Trustees
Downers Grove Sanitary District
2710 Curtiss Street
P.O. Box 1412
Downers Grove, Illinois 60515

Attention: Ms. Amy R. Underwood, PE, General Manager

RECOMMENDATION TO AWARD

Subject: Downers Grove Sanitary District – 2024 Sewer Rehabilitation

Dear President and Trustees:

The following bids were received for the Project on July 11, 2024:

<u>Bidder</u>	<u>Amount of Bid</u>
Hoerr Construction, Inc. Goodfield, IL	\$1,497,724.00
Insituform Technologies USA, LLC Chesterfield, MO	\$1,532,925.61
Visu-Sewer of Illinois, LLC. Bridgeview, IL	\$2,038,061.00
Inliner Solutions, LLC Bedford Park, IL	\$2,499,987.00
Michels Trenchless, Inc. Brownsville, WI	\$2,615,491.00

Our pre-bid opinion of probable cost for this Project was \$2,000,000.00. We have analyzed each of the bids and find Hoerr Construction, Inc. to be the lowest, responsible and responsive Bidder.

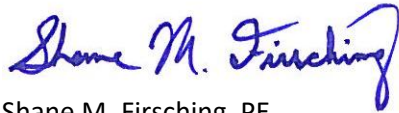
Based upon our familiarity and past working relationships with this Bidder, we believe that Hoerr Construction, Inc. is qualified to complete the Project.

We recommend the award of the Contract to Hoerr Construction, Inc. in the amount of \$1,497,724.00.

Please advise me of your decision.

Sincerely,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS



Shane M. Firsching, PE

P:\DGSD1\2400754-2024 CIPP\00-Design\12-Bidding\AwardRecommendationLetter.docx

Downers Grove Sanitary District, IL
2024 Sewer Rehabilitation

Bid Date/Time: July 11, 2024/10:30 A.M.
Engineer's Job No. 2400754.00

				Engineer's Estimate		Hoerr Construction, Inc.		Insituform Technologies USA, LLC.		Visu-Sewer of Illinois, LLC.		Inliner Solutions, LLC.		Michels Trenchless Inc.	
No.	Item	Quantity	Unit	Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1.2	MOBILIZATION	1	LSUM	\$ 193,950.00	\$ 193,950.00	\$ 22,000.00	\$ 22,000.00	\$ 65,890.25	\$ 65,890.25	\$ 78,000.00	\$ 78,000.00	\$ 148,998.00	\$ 148,998.00	\$ 92,000.00	\$ 92,000.00
1.3	SANITARY SEWER LIGHT CLEANING AND TELEVISIONING														
	8-inch	248	LIN. FT.	\$ 10.00	\$ 2,480.00	\$ 5.00	\$ 1,240.00	\$ 8.09	\$ 2,006.32	\$ 10.00	\$ 2,480.00	\$ 9.00	\$ 2,232.00	\$ 58.50	\$ 14,508.00
	27-inch	1,375	LIN. FT.	\$ 10.00	\$ 13,750.00	\$ 6.00	\$ 8,250.00	\$ 9.84	\$ 13,530.00	\$ 10.00	\$ 13,750.00	\$ 30.00	\$ 41,250.00	\$ 32.00	\$ 44,000.00
	42-inch	2,510	LIN. FT.	\$ 12.00	\$ 30,120.00	\$ 7.00	\$ 17,570.00	\$ 20.19	\$ 50,676.90	\$ 10.00	\$ 25,100.00	\$ 48.00	\$ 120,480.00	\$ 60.00	\$ 150,600.00
1.4	ROOT REMOVAL														
	8-inch	8	HOURL	\$ 500.00	\$ 4,000.00	\$ 100.00	\$ 800.00	\$ 719.46	\$ 5,755.68	\$ 100.00	\$ 800.00	\$ 500.00	\$ 4,000.00	\$ 104.50	\$ 836.00
	27-inch	16	HOURL	\$ 800.00	\$ 12,800.00	\$ 100.00	\$ 1,600.00	\$ 719.46	\$ 11,511.36	\$ 525.00	\$ 8,400.00	\$ 500.00	\$ 8,000.00	\$ 209.00	\$ 3,344.00
	42-inch	50	HOURL	\$ 1,000.00	\$ 50,000.00	\$ 240.00	\$ 12,000.00	\$ 719.46	\$ 35,973.00	\$ 870.00	\$ 43,500.00	\$ 500.00	\$ 25,000.00	\$ 436.00	\$ 21,800.00
1.5	CURED-IN-PLACE PIPE (MH TO MH)														
	8-inch	248	LIN. FT.	\$ 50.00	\$ 12,400.00	\$ 73.00	\$ 18,104.00	\$ 37.87	\$ 9,391.76	\$ 72.00	\$ 17,856.00	\$ 85.00	\$ 21,080.00	\$ 146.75	\$ 36,394.00
	27-inch	1,375	LIN. FT.	\$ 200.00	\$ 275,000.00	\$ 252.00	\$ 346,500.00	\$ 291.60	\$ 400,950.00	\$ 461.00	\$ 633,875.00	\$ 429.00	\$ 589,875.00	\$ 324.00	\$ 445,500.00
	42-inch	2,510	LIN. FT.	\$ 400.00	\$ 1,004,000.00	\$ 315.00	\$ 790,650.00	\$ 240.64	\$ 604,006.40	\$ 382.00	\$ 958,820.00	\$ 440.00	\$ 1,104,400.00	\$ 546.00	\$ 1,370,460.00
1.6	REMOVE AND REPLACE SANITARY SEWER MANHOLE:														
	5-foot dia, 20-24 feet deep	1	EACH	\$ 45,000.00	\$ 45,000.00	\$ 66,120.00	\$ 66,120.00	\$ 39,382.89	\$ 39,382.89	\$ 32,600.00	\$ 32,600.00	\$ 141,875.00	\$ 141,875.00	\$ 54,300.00	\$ 54,300.00
1.7	MANHOLE DROP INSERT	1	EACH	\$ 60,700.00	\$ 60,700.00	\$ 57,090.00	\$ 57,090.00	\$ 66,089.63	\$ 66,089.63	\$ 54,750.00	\$ 54,750.00	\$ 47,575.00	\$ 47,575.00	\$ 77,500.00	\$ 77,500.00
1.8	END SEAL														
	8-inch	2	EACH	\$ 200.00	\$ 400.00	\$ 700.00	\$ 1,400.00	\$ 168.08	\$ 336.16	\$ 175.00	\$ 350.00	\$ 263.00	\$ 526.00	\$ 266.00	\$ 532.00
	27-inch	12	EACH	\$ 400.00	\$ 4,800.00	\$ 650.00	\$ 7,800.00	\$ 462.22	\$ 5,546.64	\$ 480.00	\$ 5,760.00	\$ 733.00	\$ 8,796.00	\$ 726.00	\$ 8,712.00
	42-inch	10	EACH	\$ 800.00	\$ 8,000.00	\$ 800.00	\$ 8,000.00	\$ 644.31	\$ 6,443.10	\$ 685.00	\$ 6,850.00	\$ 1,036.00	\$ 10,360.00	\$ 1,013.00	\$ 10,130.00
1.9	CIPP SAMPLE TESTING	5	EACH	\$ 300.00	\$ 1,500.00	\$ 220.00	\$ 1,100.00	\$ 251.30	\$ 1,256.50	\$ 300.00	\$ 1,500.00	\$ 678.00	\$ 3,390.00	\$ 407.00	\$ 2,035.00
1.10	SERVICE LATERAL REINSTATEMENT	20	EACH	\$ 250.00	\$ 5,000.00	\$ 120.00	\$ 2,400.00	\$ 428.19	\$ 8,563.80	\$ 250.00	\$ 5,000.00	\$ 50.00	\$ 1,000.00	\$ 2,450.00	\$ 49,000.00
1.11	SEALING OF LATERAL CONNECTIONS	20	EACH	\$ 750.00	\$ 15,000.00	\$ 800.00	\$ 16,000.00	\$ 3,047.30	\$ 60,946.00	\$ 975.00	\$ 19,500.00	\$ 4,500.00	\$ 90,000.00	\$ 3,607.00	\$ 72,140.00
1.12	TRAFFIC CONTROL AND PROTECTION														
	SITE 1 - OGDEN AVENUE	1	LSUM	\$ 20,000.00	\$ 20,000.00	\$ 1,000.00	\$ 1,000.00	\$ 4,101.16	\$ 4,101.16	\$ 5,000.00	\$ 5,000.00	\$ 6,800.00	\$ 6,800.00	\$ 1,867.00	\$ 1,867.00
	SITE 2 - POWELL STREET	1	LSUM	\$ 25,000.00	\$ 25,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,101.16	\$ 4,101.16	\$ 5,500.00	\$ 5,500.00	\$ 19,100.00	\$ 19,100.00	\$ 2,948.00	\$ 2,948.00
1.13	TREE REMOVAL														
	(6 TO 15-INCH DIAMETER)	100	INCH	\$ 220.00	\$ 22,000.00	\$ 35.00	\$ 3,500.00	\$ 41.67	\$ 4,167.00	\$ 35.00	\$ 3,500.00	\$ 30.00	\$ 3,000.00	\$ 48.00	\$ 4,800.00
	(OVER 15-INCH DIAMETER)	200	INCH	\$ 400.00	\$ 80,000.00	\$ 55.00	\$ 11,000.00	\$ 62.51	\$ 12,502.00	\$ 52.00	\$ 10,400.00	\$ 45.00	\$ 9,000.00	\$ 73.25	\$ 14,650.00
1.14	RESTORATION OF LAWNS AND GRASSES														
	SEEDING - TURF	2,100	SQ. YD.	\$ 15.00	\$ 31,500.00	\$ 18.70	\$ 39,270.00	\$ 23.61	\$ 49,581.00	\$ 20.00	\$ 42,000.00	\$ 17.00	\$ 35,700.00	\$ 28.00	\$ 58,800.00
	SEEDING - NATIVE	1,200	SQ. YD.	\$ 20.00	\$ 24,000.00	\$ 13.20	\$ 15,840.00	\$ 16.67	\$ 20,004.00	\$ 14.00	\$ 16,800.00	\$ 12.00	\$ 14,400.00	\$ 20.00	\$ 24,000.00
1.15	PAVEMENT RESTORATION			\$ -											
	HMA SURFACE, 3-INCH	60	SQ. YD.	\$ 150.00	\$ 9,000.00	\$ 38.50	\$ 2,310.00	\$ 48.62	\$ 2,917.20	\$ 40.00	\$ 2,400.00	\$ 35.00	\$ 2,100.00	\$ 57.00	\$ 3,420.00
	HMA BASE, 8-INCH	60	SQ. YD.	\$ 200.00	\$ 12,000.00	\$ 71.50	\$ 4,290.00	\$ 90.29	\$ 5,417.40	\$ 75.00	\$ 4,500.00	\$ 65.00	\$ 3,900.00	\$ 106.00	\$ 6,360.00
	SIDEWALK, 5-INCH	200	SQ. FT.	\$ 20.00	\$ 4,000.00	\$ 27.50	\$ 5,500.00	\$ 34.73	\$ 6,946.00	\$ 29.00	\$ 5,800.00	\$ 25.00	\$ 5,000.00	\$ 41.00	\$ 8,200.00
	CURB & GUTTER, B6.12	70	LIN. FT.	\$ 80.00	\$ 5,600.00	\$ 77.00	\$ 5,390.00	\$ 97.24	\$ 6,806.80	\$ 81.00	\$ 5,670.00	\$ 70.00	\$ 4,900.00	\$ 114.00	\$ 7,980.00
	DETECTABLE WARNINGS	50	SQ. FT.	\$ 60.00	\$ 3,000.00	\$ 50.00	\$ 2,500.00	\$ 62.51	\$ 3,125.50	\$ 52.00	\$ 2,600.00	\$ 45.00	\$ 2,250.00	\$ 73.50	\$ 3,675.00
1.16	CASH ALLOWANCE	1	LSUM	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
	TOTAL AMOUNT OF BID				\$ 2,000,000.00		\$ 1,497,724.00		\$ 1,532,925.61		\$ 2,038,061.00		\$ 2,499,987.00		\$ 2,615,491.00

Engineer's Estimate of Cost	\$ 2,000,000.00				
Bidder's Proposal as read		\$ 1,497,724.00		\$ 1,532,925.61	\$ 2,038,061.00
Bidder's Proposal as corrected		n/a		n/a	n/a
					\$ 2,499,987.00
					n/a
					\$ 2,615,491.00
					n/a

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

General Manager

Amy R. Underwood, P.E.

Legal Counsel

Daniel McCormick, P.C.

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees

From: Amy Underwood, General Manager

Date: July 12, 2024

Subject: Contract Award – 2024 Sanitary Sewer Televising Services

Bids were opened for the 2024 Sanitary Sewer Televising Services on July 11, 2024. Eight (8) bids were received. The lowest, responsible and responsive bidder was Sewertech LLC in the amount of \$127,622.90. The bid tabulation is attached for your information.

Annual televising of sewers is a goal set out in the District's Sanitary Sewer Collection System Capacity, Management, Operation and Maintenance (CMOM) plan. The CMOM is a requirement in our NPDES permit. Information obtained from contract televising is used to improve the District's sewer condition assessment database. The contractor will perform incidental sewer cleaning as needed to produce the required video footage.

The FY24-25 budget includes \$105,000 for this work. The low bid is \$22,622.90 over the budget. The District will be able to cover this extra with the savings on the 2024 Sewer Rehabilitation project, which came in under budget.

Sewertech LLC has performed this work for the District satisfactorily in the past. They have not, however, performed work for the District requiring an easement machine. Sewertech's unit price for the televising requiring an easement machine is significantly lower than the other bidders. Sewer Construction Supervisor, Todd Freer, spoke with Sewertech, and Sewertech indicated that they can complete the work for the price as bid.

At the July 16 Board meeting, Staff will be seeking approval from the Board of Trustees to award the 2024 Sanitary Sewer Televising Services contract to Sewertech LLC of Schaumburg, Illinois in the amount of \$127,622.90 and for the General Manager and Assistant Clerk to sign the same.

C: BOT, BOLI, CS, DM, TMF

DOWNERS GROVE SANITARY DISTRICT
2024 Sewer Televising Contract
Bid Opening: July 11, 2024 - 10:00 AM

			Chicago Trenchless Rehabilitation, Inc. Niles, IL		Visu-Sewer of Illinois, LLC Bridgeview, IL		National Power Rodding Chicago, IL		Hydro-Vision Technology LLC Romeoville, IL		Pipe View America Azle, TX		Lenny Hoffman Excavating Inc. McHenry, IL		Sewertech LLC Schaumburg, IL		Duke's Root Control, Inc. Elgin, IL	
No.	Pay Item	Approximate Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Part A Locations with full vehicle access																		
A.1	SANITARY SEWER TELEVISING 8 inch to 16 inch	64,959 Lin. Ft.	\$2.03	\$131,866.77	\$2.14	\$139,012.26	\$3.75	\$243,596.25	\$3.00	\$194,877.00	\$2.47	\$160,448.73	\$4.00	\$259,836.00	\$1.70	\$110,430.30	\$3.95	\$256,588.05
A.2	SANITARY SEWER HEAVY CLEANING	40 Hours	\$400.00	\$16,000.00	\$400.00	\$16,000.00	\$300.00	\$12,000.00	\$375.00	\$15,000.00	\$325.00	\$13,000.00	\$425.00	\$17,000.00	\$300.00	\$12,000.00	\$600.00	\$24,000.00
Part B Locations requiring an Easement Machine																		
B.1	SANITARY SEWER TELEVISING 12 inch to 16 inch	1,154 Lin. Ft.	\$5.00	\$5,770.00	\$7.30	\$8,424.20	\$7.00	\$8,078.00	\$15.00	\$17,310.00	\$8.78	\$10,132.12	\$5.00	\$5,770.00	\$1.90	\$2,192.60	\$3.95	\$4,558.30
B.2	SANITARY SEWER HEAVY CLEANING	10 Hours	\$600.00	\$6,000.00	\$400.00	\$4,000.00	\$700.00	\$7,000.00	\$475.00	\$4,750.00	\$425.00	\$4,250.00	\$425.00	\$4,250.00	\$300.00	\$3,000.00	\$600.00	\$6,000.00
Total Bid:				\$159,636.77		\$167,436.46		\$270,674.25		\$231,937.00		\$187,830.85		\$286,856.00		\$127,622.90		\$291,146.35



FACILITY PLAN SCOPE OF WORK

DOWNERS GROVE SANITARY DISTRICT

JULY 16, 2024

What is Facility Planning?

- ▶ Document facility needs for the planning period
 - ▶ Growth
 - ▶ Future regulations
 - ▶ Improvements to existing infrastructure
 - ▶ Condition
 - ▶ Performance
 - ▶ Additions
- ▶ Evaluate alternatives for improvements/additions
- ▶ Allocates resources and space to ensure smooth operations and maintenance
- ▶ Helps align short- and long-term goals
- ▶ Sets priorities
- ▶ Required to be eligible for IEPA Water Pollution Control Loan Program (State Revolving Fund or SRF)

Why does DGSD need a Facility Plan now?

- ▶ Aging infrastructure
 - ▶ WWTC/Lift Stations (35 – 70 years old)
 - ▶ Sewers, some dating to 1904 and 1925
 - ▶ Needs are outpacing what can be done within the District's historic annual budgeting approach
- ▶ Future phosphorus and ammonia limits
- ▶ Process control and performance improvements
- ▶ I/I Removal
- ▶ DGSD ARRA of 2009 Facility Plan
 - ▶ Targeted projects (not comprehensive for all District facilities)



Scope of Work Outline

- ▶ Project Coordination and Data Collection
 - ▶ Project Management
 - ▶ Project Meetings
 - ▶ Collect Existing Data
- ▶ Engineering Analysis
 - ▶ Wastewater Treatment Center (WWTC)
 - ▶ Lift Station & Force Main
 - ▶ Collection System
- ▶ Facilities Planning Report
 - ▶ Opinion of Probable Cost
 - ▶ Permits and Agency Coordination
 - ▶ Report
- ▶ 20-year Planning Period
 - ▶ Detailed evaluation
 - ▶ Improvements planned within 5 years
 - ▶ High level evaluation
 - ▶ Improvements planned between 5 and 20 years

Collect Existing Data

- ▶ District is providing B&W historic information needed to do analysis
 - ▶ Previous studies, drawings, etc.
 - ▶ WWTC operating data and reports
 - ▶ WWTC Basis of Design
 - ▶ Population and development data
 - ▶ Anticipated future NPDES limits
 - ▶ Sewer data: PACP scores, I/I number, overflows & backups
- ▶ Laboratory Data
 - ▶ One year of special data collection for modeling
 - ▶ Starting soon

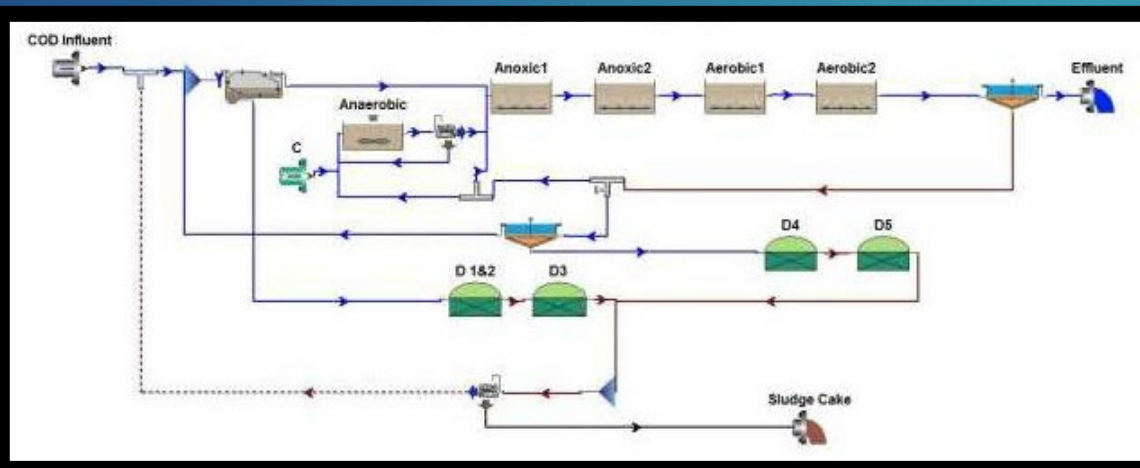
WWTC Needs Analysis

- ▶ Document existing conditions
 - ▶ WWTC performance
 - ▶ Equipment needing to be replacing
 - ▶ 2023 Code Review Report
- ▶ Population projections (District to provide)
- ▶ Flow and pollutant load
 - ▶ Determine existing & project future
- ▶ Identify probable future NPDES permit limits
- ▶ Process capacity
 - ▶ Verify using basis of design/IEPA design criteria
 - ▶ Identify capacity needs for the planning period
- ▶ Identify administrative and maintenance needs



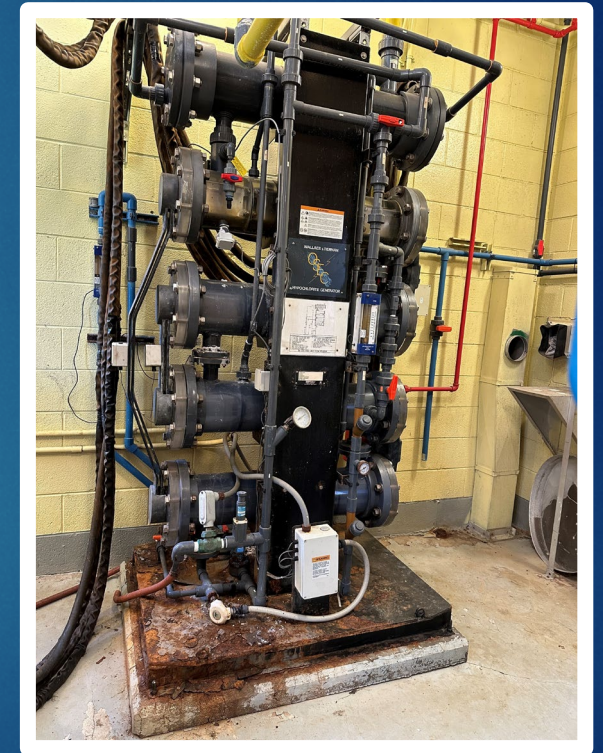
WWTC Modeling

- ▶ Full plant hydraulic profile
- ▶ Wastewater treatment process modeling
 - ▶ Update existing BioWin model
 - ▶ Recalibrate
 - ▶ Using newly collected lab data
 - ▶ Modify model for process alternatives



Alternative Analysis

- ▶ Disinfection
 - ▶ Hypochlorite generator removed from service in September 2023
- ▶ Biosolids
 - ▶ Improved treatment of grease
- ▶ Phosphorus removal
 - ▶ Optimize existing treatment facility (PDOP)
 - ▶ DRSCW NIP recommended limit of 0.35 mg/L in 2038
- ▶ Ammonia removal
 - ▶ USEPA 2013 ammonia criteria
- ▶ Additional alternative process evaluations identified in the Needs Analysis
- ▶ Electrical Distribution



Lift Stations & Force Main

- ▶ Document existing conditions
- ▶ Detailed analysis of one of the following and high-level evaluations of the other three
 - ▶ Wroble, Hobson, Northwest, Earlston
 - ▶ May consider full replacement, rehabilitation, force main redundancy
- ▶ Include Butterfield and College plans
 - ▶ Evaluation under separate studies



Collection System

- ▶ Evaluate and prioritize sanitary sewer projects based on:
 - ▶ I/I number
 - ▶ Pipe age
 - ▶ Pipe size
 - ▶ Sanitary Sewer Overflows (SSOs)
 - ▶ Basement backups
 - ▶ Pipe material
 - ▶ Force main breaks
 - ▶ PACP scoring
 - ▶ Future development
- ▶ Manhole replacement/repair

Manhole Number	Group	Region	Through December 2023	
			Average I/I Number	Rank 1 = Highest I/I
2-D-16	C	Central	32.78	1
W-1-4	M	Hobson	27.67	2
1-G-18	I	Central	23.34	3
W-1-12	M	Hobson	22.56	4
W-2-3	M	Hobson	22.12	5
1-L-19-1	H	Central	21.27	6
2-C-25	C	Central	19.34	7
1-K-28	A	Central	19.10	8
1-J-9	A	Central	19.07	9
1-M-8	H	Central	18.95	10
1-F-9	I	Central	18.78	11
H-4-12	F	Hobson	18.02	12
G-1-15	B	Central	17.65	13
1-K-10	A	Central	17.28	14
V-2-31	O	Northwest	17.07	15
1-M-15	H	Central	16.67	16
W-2-15	M	Hobson	16.44	17
N-1-38	E	Northwest	16.30	18
1-A-3	K	Central	16.11	19
1-G-35	H	Central	16.04	20
2-D-4	C	Central	15.29	21
2-A-42	K	Central	15.25	22
E-1-14	O	Central	14.51	23
G-2-1	B	Central	14.27	24
1-L-12R	B	Central	14.19	25
G-6-2	B	Central	14.11	26
1-H-4	H	Central	14.04	27
V-1-15	O	Northwest	13.90	28
1-B-10	J	Central	13.80	29
N-1-25	E	Northwest	13.71	30
E-1-26	O	Central	13.51	31
2-G-5	C	Central	13.27	32
N-1-3	E	Northwest	12.80	33
B-1-000	E	Northwest	12.52	34
C-1-000	L	Hobson	12.41	35
V-4-2	N	Central	12.27	36
1-D-8	J	Central	12.26	37
1-G-5	A	Central	12.18	38
G-5-15	B	Central	12.16	39
L-1-111	N	Central	12.09	40
H-1-3	F	Hobson	12.01	41
2-F-1	C	Central	11.60	42
1-N-11	A	Central	11.51	43
1-E-38	I	Central	10.96	44

Facility Plan Report

- ▶ Document all work presented on previous slides
- ▶ Environmental signoffs (required for SRF)
- ▶ Process flow diagram and site plans of the existing, proposed and future facilities
- ▶ Opinion of probable cost for the combined recommended improvements
- ▶ Implementation plan

**DOWNERS GROVE SANITARY DISTRICT
DECENNIAL COMMITTEE MEETING
JULY 16, 2024 – 6:30 PM
BOARD ROOM**

PROPOSED AGENDA

I. PUBLIC COMMENT

II. ORGANIZATIONAL SERVICE DELIVERY REVIEW AND ANALYSIS UPDATE

Board of Trustees

Amy E. Sejnost
President

Jeremy M. Wang
Vice President

Mark Eddington, P.E.
Clerk



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

General Manager
Amy R. Underwood, P.E.

Legal Counsel
Daniel McCormick, P.C.

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Decennial Committee (Amy E. Sejnost, Jeremy M. Wang, Mark Eddington, Amy R. Underwood, Carly Shaw, Kenneth J. Rathje, Robert T. Jungwirth, Mark Scacco and Lawrence C. Cox,)

From: Amy R. Underwood, General Manager

Date: July 12, 2024

Subject: Organizational Service Delivery Review and Analysis Update

At the first Decennial Committee Meeting on July 16, 2024, Craig Anderson from the Northern Illinois University (NIU) Center for Government Studies (CGS) will provide a summary overview of the process of their work and next steps and then address any questions.

To refresh your memories and in preparation for the meeting, please find attached to this memo the following:

- The Decennial Committees on Local Government Efficiency Act
- The NIU CGS scope of work

C: DM

Information maintained by the Legislative Reference Bureau

Updating the database of the Illinois Compiled Statutes (ILCS) is an ongoing process. Recent laws may not yet be included in the ILCS database, but they are found on this site as [Public Acts](#) soon after they become law. For information concerning the relationship between statutes and Public Acts, refer to the [Guide](#).

Because the statute database is maintained primarily for legislative drafting purposes, statutory changes are sometimes included in the statute database before they take effect. If the source note at the end of a Section of the statutes includes a Public Act that has not yet taken effect, the version of the law that is currently in effect may have already been removed from the database and you should refer to that Public Act to see the changes made to the current law.

LOCAL GOVERNMENT

(50 ILCS 70/) Decennial Committees on Local Government Efficiency Act.

(50 ILCS 70/1)

Sec. 1. Short title. This Act may be cited as the Decennial Committees on Local Government Efficiency Act.

(Source: P.A. 102-1088, eff. 6-10-22.)

(50 ILCS 70/5)

Sec. 5. Definitions. As used in this Act:

"Governing board" means the governing body of a governmental unit. If the governmental unit is a road district, then "governing board" means the governing body of the road district, as provided in Division 1 of Article 6 of the Illinois Highway Code, including, but not limited to, the highway board of auditors, the highway commissioner of a township road district, the township board of trustees, the city council, the municipal president and board of trustees, or the county board, as applicable.

"Governmental unit" means all entities that levy taxes and are also units of local government, as defined in Section 1 of Article VII of the Illinois Constitution, except municipalities and counties.

(Source: P.A. 102-1088, eff. 6-10-22; 102-1136, eff. 2-10-23.)

(50 ILCS 70/10)

Sec. 10. Formation of committee; members; vacancy; administrative support.

(a) By June 10, 2023 (one year after the effective date of this Act) and at least once every 10 years after June 10, 2023, each governmental unit must form a committee to study local efficiencies and report recommendations regarding efficiencies and increased accountability to the county board in which the governmental unit is located.

(b) Each committee's membership shall include the elected or appointed members of the governing board of the governmental unit; at least 2 residents within the territory served by the governmental unit, who are appointed by the chair of the governing board, with the advice and consent of the governing board; and any chief executive officer or other officer of the governmental unit. The committee shall be chaired by the president or chief elected or appointed official of the governing board or his or her designee. The chairperson may appoint additional members to the committee as the chairperson deems appropriate.

Committee members shall serve without compensation but may be reimbursed by the governmental unit for their expenses incurred in performing their duties.

(b-5) In lieu of the committee described in subsection (a), a highway commissioner of a township road district in a county with a population under 400,000 and the township board of the same township may form a joint committee for the purposes described in subsection (a). That joint committee shall include:

the township trustees; the highway commissioner; at least 2 residents of the territory served by the governmental unit appointed by the township supervisor with the advice and consent of the township board; at least one resident of the governmental unit appointed by the highway commissioner; and the township supervisor. The joint committee shall be chaired by the township supervisor and shall issue a joint report with 2 sections, one section for the township and one section for the road district. Except with respect to its composition and report, the joint committee shall otherwise comply with subsection (b). References in this Act to a "committee" shall also include a joint committee formed under this subsection.

(c) A committee may employ or use the services of specialists in public administration and governmental management and any other trained consultants, analysts, investigators, and assistants it considers appropriate, and it may seek assistance from community colleges and universities as necessary to prepare the report required under Section 25.

(d) If a vacancy occurs in the committee membership, the vacancy shall be filled in the same manner as the appointments under subsection (b).

(e) Each governmental unit shall provide administrative and other support to its committee.

(Source: P.A. 102-1088, eff. 6-10-22; 102-1136, eff. 2-10-23.)

(50 ILCS 70/15)

Sec. 15. Duties of a committee. The duties of a committee include, but are not limited to, the study of the governmental unit's governing statutes, ordinances, rules, procedures, powers, jurisdiction, shared services, intergovernmental agreements, and interrelationships with other governmental units and the State. The committee shall also collect data, research, and analysis as necessary to prepare the report described in Section 25.

(Source: P.A. 102-1088, eff. 6-10-22.)

(50 ILCS 70/20)

Sec. 20. Meetings. Each committee shall meet at least 3 times. The committee may meet during a regularly scheduled meeting of the governmental unit as long as: (1) separate notice is given in conformance with the Open Meetings Act; (2) the committee meeting is listed as part of the governing board's agenda; and (3) at least a majority of the members of the committee are present at the committee's meeting. Each meeting of the committee shall be public, and the committee shall provide an opportunity for any person to be heard at the public hearings for at least 3 minutes. The committee may require speakers to register. The committee shall meet in accordance with the Open Meetings Act, and the committee shall be a public body to which the Freedom of Information Act applies.

At the conclusion of each meeting, the committee shall conduct a survey of residents who attended asking for input on the matters discussed at the meeting. A survey conducted via email to all residents who attended the meeting and provided a valid email address will be sufficient to satisfy the requirements of this paragraph.

(Source: P.A. 102-1088, eff. 6-10-22; 102-1136, eff. 2-10-23.)

(50 ILCS 70/25)

Sec. 25. Report. Each committee shall summarize its work and findings within a written report, which shall include recommendations in respect to increased accountability and efficiency, and shall provide the report to the administrative office of each county board in which the governmental unit is

located no later than 18 months after the formation of the committee. The report shall be made available to the public.

For purposes of this Section, if a governmental unit is located in multiple counties, the committee may, if required, provide the same report to the county board of each of those counties.

(Source: P.A. 102-1088, eff. 6-10-22; 102-1136, eff. 2-10-23.)

(50 ILCS 70/30)

Sec. 30. Dissolution of the committee. After a committee has made the report required under Section 25 available to the public, the committee is dissolved until it is reestablished with newly appointed members under Section 10.

(Source: P.A. 102-1088, eff. 6-10-22.)

(50 ILCS 70/85)

Sec. 85. (Amendatory provisions; text omitted).

(Source: P.A. 102-1088, eff. 6-10-22; text omitted.)

(50 ILCS 70/90)

Sec. 90. (Amendatory provisions; text omitted).

(Source: P.A. 102-1088, eff. 6-10-22; text omitted.)

(50 ILCS 70/99)

Sec. 99. Effective date. This Act takes effect upon becoming law.

(Source: P.A. 102-1088, eff. 6-10-22.)

ATTACHMENT A

Organizational Service Delivery Review and Analysis

Concept Proposal

PA 102-1088 Review

Downers Grove Sanitary District



December 12, 2023

Prepared by:
NIU Center for Governmental Studies
DeKalb, Illinois



NORTHERN ILLINOIS UNIVERSITY

Center for
Governmental Studies

Outreach, Engagement, and Regional Development



Downers Grove Sanitary District

Organizational Service Delivery Review and Analysis *Concept Proposal*

December 12, 2023

Direct questions to:
Greg Kuhn, PhD
Director,
Center for Governmental Studies
Northern Illinois University

STUDY BACKGROUND

The Downers Grove Sanitary District is seeking to undertake a District-wide service delivery and organization design analysis to help determine the systems, resources, approaches, and positional mixes that would align with core service and operational requirements as well as strengthen strategies to utilize equipment, staff skills and other District resources in the most effective manner.

The study will provide the mandate review described in the Decennial Committees on Local Government Efficiency Act (PA 102-1088). The assessment would explore and analyze the relationships between the various Departments that comprise the District's overall operations. The challenge of any model of organization evaluation is finding the balance between the District's ability to be proactive and focused in areas where public core services are needed (internal support services as well as external customer services) and the use of financial resources in the context of providing the highest level of customer service possible as stewards of public resources. Resource deployment, service models and organizational design cannot be reduced to a simple numeric formula. Instead, design and deployment assessments require a layered analysis over several dimensions, including service expectations of the community, priorities defined by the District, and

reasonableness as it relates to budgetary impacts, service delivery models, efficiencies, and effectiveness. The proposal includes the scope of work, estimated fees, timing, and the Center for Governmental Studies' (CGS) qualifications to complete this project.

SCOPE

The scope of work envisioned includes multiple tasks designed to meet the specific needs identified by the District's leadership. Review points are built into the tasks and will enable the District to refine, if needed, the scope of work to reflect needs that might arise as part of early/interim findings. This way, the final product will better reflect Downers Grove Sanitary District's unique circumstances. Each task, as presently envisioned, is described next.

To determine the optimal level of resources required to provide acceptable/desirable District services to the Community on behalf of the District's leadership the following components are recommended to be included in the analysis:

1. Review and evaluate present operations, structure, intergovernmental relationships, budgets and overall service delivery and preparations for the future.
2. Develop a comprehensive analysis of the current level, allocation, and utilization of resources and staff within divisions/units, with consideration of the community's future demographics and expectations/needs for levels of service.
3. Define strengths, needs and gaps to formulate preliminary recommendations based on the completed analysis.
4. Provide an outline of strengths and opportunities for improvement, including integration with the District's overall organizational preparedness, structure, and resource needs/projections in the organization.
5. Develop, provide, and present a summary report of the process used, the findings of the analysis, the strengths and needs of the District's organizational structure along with recommendations for potential future organizational design adjustments and methods in a final report.

The study team's efforts will be focused on gaining an understanding of the present organizational structure and an assessment of service delivery/operational approaches of the District, comparing those findings to present day models of similar organizations, and making recommendations for revisions, enhancements, and adjustments where necessary. It is hoped that the result of this review will assist the District's leadership and administrative officers in developing an organizational system that will lend itself to a higher level of effective and efficient execution and management of its operations.

CGS would approach this study as an *Organizational Analysis Study*. In its broadest sense, it is a general review of the operations, systems, alignments, and service profiles of an organization. We define and measure “organizational structures” according to the needs they are meant to fill. Our definition encompasses effectiveness and efficiency of performance with an eye toward the achievement of service delivery objectives within available resources. However, our analysis recognizes that performance should be evaluated against policy goals, available resources, and principles of management as well as the experience and methods in other organizations. Organizational service and delivery assessments are concerned with improvement. The payoff for conducting a review or study of this nature are the improvements that result from it.

Our definition of an organizational service delivery and deployment analysis is:

- *An evaluation of organizational structures, management systems, work processes and staffing arrangements aimed at assessing the quality, efficiency, and effectiveness of an organization’s performance. Assessments and measures are made in the context of the organization’s policy and operational objectives, the principles and standards of management, and the experience of like organizations.*

The following are elements included to address the needs expressed in discussions with District leadership of the goals for this service delivery and organizational structure study.

WORK PLAN

The work plan for the components of the study as presented below are organized around a set of fundamental scope components. The Components are presented in the preferred chronological order for the analysis.

Organizational Analysis Components

Component A. Project Planning and Service Levels Background

Organizational Inventory and Service Delivery Assessment for all Functions and Departments Using Multiple Data Gathering Points

TASK: Review the whole of the existing organizational system via document study and interviews with key administrative staff members and administrators to include all department management personnel, the General Manager, the Board, etc.

TASK: Collect, review, and analyze existing organizational relationships charts, budgets, position descriptions; review information and documentation for formal definitions of responsibilities and reporting relationships. Search ordinances, recommended practices and administrative-enabling documents for position content and authorizations, etc.

TASK: Review and collect, as appropriate, departmental input, output and throughput data including unit performance results and measures (i.e., performance data).

TASK: Interview/discuss desired service delivery levels with key policy makers, including District Board members and administrative and departmental leadership as another component of the first phase of the organizational analysis. Executive level performance planning sessions are not a new phenomenon for progressive organizations. As the District's population dynamics evolve and change, the various services it provides will continue to adapt to a more challenging environment confronting the community and leaders. The strategic background review and service level confirmation process will provide essential guidance to the consulting team in completing the organizational assessment as outlined in Component B below.

Component B. Assessing Organizational Structures, Systems, Efficiency and Effectiveness Against Service Goals and Benchmarks

The purpose of this component is to perform an organizational inventory and service delivery assessment of the District's operational departments and overall organization. The component is outlined below. Upon completion of this component, the study team would prepare preliminary findings and recommendations for the General Manager and designated departmental supervisory-level leaders, for consideration.

The principal factors considered in developing an organizational assessment include:

- Expressed service delivery priorities and outcome targets
- Organization-wide methods and procedures
- The composition and staffing framework of organizational units
- The reporting relationships among units
- The structural connections between units
- Unit information flow and control systems
- Department-wide work technologies

Conduct Position Inventory and Analysis - Key Departmental Operational and Administrative Staff

TASK: Evaluate individual staff positions via a combination of job content and existing job descriptions, the distribution of job content questionnaires as necessary by the study team, and follow-up discussions/interviews to determine job content, performance expectations, coordination & overlap points, supervisory-subordinate relationships, etc., for each position; analyze, compare, define/refine job content components of each position.

TASK: Develop preliminary job design frameworks for key positions that surface during the analysis including assessments of job content analysis and desired outputs, preferred, and required qualifications and training expectations.

TASK: Interview or observe via site visits, a sampling of staff members to determine work assignments, scheduling, manning frameworks/workloads, reporting relationships, coordination points, supervisory relations, duties, and assignments, etc.

TASK: Compare existing duties, tasks, and relationships to the formal structure, synthesize information and diagram existing organization structure, staffing design, and workflows within, and between, departments and/or crews, as appropriate.

Synthesize Data and Observations - Develop Alternatives and Potential Re-designs

TASK: Assess the adequacy and alignment of staff against service goals, departmental systems, operating policies, and procedures in support of program execution.

TASK: Assess the organizational, operational, decision-making and service delivery systems of the departments to determine desirable changes in the allocation of functions, lines of responsibility, and departmental relationships of positions, noting (a) operational capacity and methods, (b) work processes, (c) adequacy of information flow, coordination, control, and (d) demands placed on the department with respect to resources, policy goals and execution of programs at expressed service levels.

TASK: Recommend alternative positional design or focus arrangements, functional profiles and targets that correspond to expressed service goals. Prepare alternative organizational charts, conceptual staffing requirements, work methods and operational frameworks based on similar organizational models, according to the expressed needs and service goals of the organization.

Component C. Seek to Identify System Refinements, Efficiencies and Effectiveness Enhancements Within the Organization

The purpose of this component will be to build upon the findings of the first two components that defined the appropriate services and service levels for Downers Grove Sanitary District, along with optimized organizational structures to help frame the most efficient and economical service delivery system for the District's operations and services.

Organizational, Administrative and Operational Policy and Procedures Review

TASK: Observe, assess, and inventory existing systems identifying areas of improvement and revision with regards to policies and procedures with general suggestions for overall goals and objectives of the service delivery system.

TASK: Inventory and review existing administrative policies and procedures contained in formal or informal rules, collective bargaining agreements (CBA's), regulations, and procedures; identify areas of improvement and revision with regards to administrative policies and procedures, providing general suggestions for overall goals and objectives of administrative and policy-making approaches and procedures.

Component D. Consolidated Final Report of Findings and Recommendations

Preliminary Report - Based on our data gathering efforts including interviews, on-site observations, service delivery records and an inventory of the documents made available to the team, an assessment of the Departments' current organizational structures, service delivery systems and reporting relationships would be prepared in narrative form as preliminary findings along with accompanying recommendations.

Applying service delivery and current management principles to each of the Departments, functions and structures, the study team would develop alternative organizational designs (if applicable) that seek to identify optional resource and staffing arrangements, intra-organizational relationships, positional responsibilities, and capacities of the various units of the departments, including operational and key management functions.

In addition, an organizational flow chart for key functions or administrative systems will be prepared to accompany the narrative.

Component E. Meetings and status reports with Decennial Committee

Attend Meetings/Provide Status Reports. The purpose of this component is to acknowledge study team interactions and status reports with the General Manager and the Decennial Committee. The CGS study team will attend up to three scheduled meetings of the Decennial Committee to provide status reports on the progress of its research, site visits and analysis. The meetings referenced here would be outside of other data gathering encounters or interviews with the District's Decennial Committee/Committee members.

Final Report - The study team's concluding findings would be incorporated in a multi-part narrative Final Report with supporting documentation and an executive summary.

Final Presentation - CGS will make an administrative presentation of the study's findings to the District's designated study team and the Decennial Committee.

UTILIZATION BUDGET and SCHEDULE of COMPONENTS

DESCRIPTION	TARGET TIME*	ESTIMATED COST
Component A. Project Planning and Service Levels Backgrounding	30 - 40 days from start*	\$2,500 +/-
Component B. Assessing Organizational Structures, Systems, Efficiency and Effectiveness Against Service Goals and Benchmarks	55 - 60 days following Comp. A.*	\$6,650 +/-
Component C. Seek to Identify Potential Efficiencies and Economies Within the Organization; Organization Refinements or Redesign Iterations	35 - 40 days following Comp. B*	\$6,650 +/-
Component D. Consolidated Final Report of Findings and Recommendations	35 - 45 days following Comp. C*	\$2,700 +/-
Project Expenses		\$950+/-
Estimated Total Project Cost*		\$ 19,450 +/-

***Please note** the above time and cost estimates are approximations based on the anticipated components. Final project components and costs will be determined during finalization of scope with the District. Importantly, the timeline and cost estimates are dependent on receiving cooperation and timely responses to inquiries and scheduled meetings/site visits/interviews/data, etc. from the District/client organization. Data from comparative benchmark sources or other organizational data providers is also important to the timeline and cost estimates provided. Modifications to the schedule and/or budget will be communicated when appropriate and mutually agreed upon by the District's study team lead and CGS. Additional work components or new/extended research requirements identified during the project will be considered an expansion of scope and will be reviewed with the District. Additional tasks or project elements will be billed at the blended rate of \$125 per hour for professional staff with support members at \$50 per hour.

REFERENCES AND REPRESENTATIVE PROJECTS¹

The team CGS has formed for these analyses has conducted numerous organizational studies and organizational development projects. Our team member's experience in analysis and administration dates back more than thirty years, having worked with a variety of public sector, education, and non-profit groups. A representative list of organizational analysis projects in Illinois led by Greg Kuhn and/or the Center for Governmental Studies team members include:

- Kishwaukee Water Reclamation Dist., DeKalb, IL, PA 102-1088 Organizational Review and Analysis, Mark Eddington, PE, Executive Director, 815.758.3513, MEddington@kishwrd.com (study in progress)
- Village of Elburn, Organization-wide Function and Staffing Analysis and strategic planning, John Nevenhoven, Village Administrator, jnevenhoven@elburn.il.us, 630-365-5062
- Village of Bartlett, Strategic I.T. Utilization Study, and strategic planning, pschumacher@vbartlett.org, 630-837-0800, Paula Schumacher, Village Administrator
- McHenry County, Administrative Functions Analysis (^) and strategic planning, Peter Austin, County Administrator, paustin@co.mchenry.il.us, 815-334-4226
- City of Mattoon Organizational Analysis [including Public Works, Parks, and Cemetery units] Sue McLaughlin, former Administrator (now City Manager of Farmer City) (309) 928-3412
- Village of Western Springs, Engineering Services Assessment and strategic planning, Ingrid Velkme, former Village Manager, (708) 784-2169
- City of Ottawa, Organizational Inventory and General Administrative Review [grant funded study] Robert Eschbach, former Mayor, Dan Aussem, former Mayor, (815) 433-0161
- City of Elmhurst I.T. Function & Services Organizational Analysis and strategic planning, Jim Grabowski, City Manager (630) 530-3010
- Wilmette Public Works Department (^) Organizational Analysis Mike Braiman, Asst. Village Manager (847) 853-7509
- Bloomington Finance and Utilities Customer Service Departments (^) Organizational Analysis, Patty-Lynn Sylva, former Director of Finance (309) 434-2233
- Village of Bellwood, Building Department (^) Organizational Analysis Peter Tsiolis, Chief of Staff (708) 547-4045
- City of Aurora Division of Property Standards/Code Enforcement (^) Organizational Analysis, Brian Caputo, CPA, PhD, Dir. of Finance (now President, College of DuPage) (630)942-2218

¹ **Please Note:** (^) projects designated with this mark indicate projects led by Dr. Kuhn, and his management analytics team, including Craig Anderson, while at Sikich LLP.

MISSION AND QUALIFICATIONS OF NIU AND CGS



NIU's Center for Governmental Studies, founded in 1969, is a public service, applied research, and public policy development organization that recently celebrated 50 years of public service. Its mission is to provide expertise that helps decision-makers implement efficient, sustainable, and cost-effective approaches to economic, social, governance, public policy, and information management issues.

CGS' research and services includes work in a variety of areas including community and economic development, workforce development, strategic planning, public management and training, association management, informatics, survey research, data visualization, and health and technology engagement. Clients include municipal, county, state, and federal agencies, as well as nonprofit and for-profit organizations. For more information, please call 815-753-0914 or visit www.cgs.niu.edu.

CGS has established itself as the center of choice for civic organizations in Northern Illinois needing to gather, analyze and operationalize information from their constituents. Assistance has been provided to state and federal agencies, colleges and universities, school districts, libraries, park districts and municipalities as well as a variety of other organizations. Since its founding, CGS has provided expertise to help decision-makers throughout Illinois implement efficient, sustainable, and cost-effective approaches to public policy, public management, social, economic and information management issues. As noted above, this expertise is made available to all levels of governmental entities, private enterprises, public-private partnerships, and other types of institutions such as higher education.

As part of NIU's Division of Outreach, Engagement and Regional Development, CGS fulfills its outreach and engagement mission through public service, applied research, technical assistance, and public policy development activities that are supported by interdisciplinary teams.

CGS staff is organized into various practice areas including:

- Strategic Management, Policy, and Community Development
- Data Informatics
- Survey Research and Data Visualization
- Association Management
- Workforce Development and Economic Analysis
- Governance, Training, Organizational Development

CGS Team Description

The proposed project team will consist of seasoned specialists and researchers with extensive experience conducting strategic planning, survey research, data assessments and leadership training. In addition to these core team members, other expertise within CGS will be used for various aspects of the project (i.e., project management and analysis, data research, etc.).

Project Team - Facilitators and Analysts:

Greg Kuhn, Ph.D., Director, Center for Governmental Studies - Dr. Kuhn is a former Village Manager who now conducts research, teaches, and consults to governmental units in Illinois and across the Midwest. Dr. Kuhn completed his doctoral studies mid-career with emphases in Public Administration at the Local Government Level, Organization Development and Public Policy at Northern Illinois University. Greg served as Village Manager in Clarendon Hills, Illinois and Asst. to the Manager in Skokie, Illinois. Greg has also provided organizational and leadership services to governments on a consulting basis as Director of Local Government Management Services at Sikich, LLP., Managing Vice-President of the PAR Group, and Senior Associate in Governmental Services at Korn-Ferry International.

Greg has taught a variety of courses at both NIU and Northwestern including graduate courses in strategic planning, leadership, human resources, budgeting, and public policy. In total, Dr. Kuhn has over 40 years of public management experience as an administrator, consultant, and instructor. Greg is a specialist in strategic planning, organizational development and design, governance, and training. He has conducted over sixty strategic planning projects for public and nonprofit organizations. He will be joined by other senior members of the Center for Governmental Studies and the University in the execution of the exercises and data gathering portions of the study.

Dr. Kuhn would serve as project director and co-facilitator for the engagement.

Melissa Henriksen, MPP, Assistant Director of Strategic Management, Policy Community Development, Center for Governmental Studies. Mel has a diverse background including economic and community development, technical assistance, strategic and comprehensive planning, and grant writing. She has provided staff support for several projects including strategic planning facilitation, focus groups, wage and benefit studies and asset/needs assessments. Mel has led or co-facilitated strategic planning for elected officials, non-profits, school districts, Boards of directors, municipalities, foundations, and institutes of higher education. For over 13 years, she has managed funded projects for the Illinois Critical Access Hospital Network (ICAHN), the National Association of Development Agencies (NADO), the U.S. Economic Development Administration (EDA), and the U.S. Department of Agriculture (USDA), as well as state and local organizations focused on economic and

community development and health care. Most recently, she has worked on city and countywide economic and community development planning. These projects included coordinating surveys, community focus groups, strategic planning to identify potential challenges and solutions, and distilling themes and findings from a variety of qualitative information to share with key stakeholders.

Mel holds a B.A. degree in Political Communication/Public Relations and a Master's degree in Public Policy both from the University of Northern Iowa. Mel is a board member for the Illinois Rural Health Association and is the chair of its Research and Education and Conference Committee. In addition, she is a former Kettering Foundation Research Fellow and recently received the ICAHN Service Award for her research in rural health care and its economic impact on rural communities. She has also taught Introduction to American Government at Kishwaukee College.

Ms. Henriksen will serve as a project advisor and collaborator.

Craig G. Anderson, MPA, Senior Public Management and Local Government Specialist - Center for Governmental Studies. served as Village Manager for Wheeling, Illinois, from 1988 to early 2002, as Interim Village Manager for Long Grove, Illinois, during mid-2002, and as Village Manager for Carpentersville, Illinois, from late 2002 until his retirement in 2010. Craig began his career in the public sector with the Village of Glenview, Illinois, where he served as a Maintenance and Equipment Operator in the Public Works Department from 1973 to 1977, Administrative Assistant to the Director of Development and Public Services from 1977 to 1978, Administrative Assistant to the Village Manager from 1978 to 1980, and Assistant Village Manager from 1980 to 1988. Subsequent to his retirement, Mr. Anderson has assisted with two police services and four organizational studies, has completed three part-time interim assignments, and was employed with a consulting firm as a public management specialist on a part-time basis for approximately two years where he assisted with organizational analyses of two Building and Code Enforcement Divisions, a Public Works Department, a Finance Department and Water Utility Billing and Customer Service Division.

At the Village of Glenview, as a Maintenance and Equipment Operator, Mr. Anderson obtained and maintained certification as a State of Illinois Class C Public Water Supply Operator. As Assistant Village Manager, he served as Personnel Director, represented the Village during annual meet-and-confer sessions (salary and benefit discussions) with employee groups, and was Acting Village Manager in the absence of the Village Manager.

While Mr. Anderson was Manager in Wheeling, the Village was successful in its efforts to coordinate the realignment of Milwaukee Avenue with TIF district improvements, maintain its capital improvements program, annex significant acreage to the northwest corner of the community for retail development, and work cooperatively with the City of Prospect Heights to improve infrastructure at Palwaukee Municipal Airport. During his service as Manager in Carpentersville, the Village implemented a

revamped capital improvements program, approved a new classification and salary plan for non-represented personnel, significantly improved financial record-keeping and reporting processes, and became more active in regional cooperation efforts.

Mr. Anderson holds a Bachelor of Science (Biology) degree from Northern Illinois University (1973) and a Master of Public Administration degree from Roosevelt University (1979). He is an ICMA Credentialed Manager.

Mr. Anderson will serve as a project advisor, field agent, and collaborator.

Joe Fennel, MPA is the former (retired) Executive Director of the Northwest Suburban Municipal Joint Action Water Agency, where he served in the executive's role from 1997-2015. As Executive Director, Joe managed the policies, operations, and contractual commitments of a multi-jurisdictional, intergovernmental agency through the operations of a 130 MG water plant and transmission network serving a daytime population of 500,000. Joe is presently working with Burns & McDonnell Engineer as a Senior Project Manager in the Water and Municipal Services Group. Prior to his Water Commission position, Joe served for 17 years as the Director of Public Services and Utilities for the Village of Woodridge, Illinois that entailed management responsibility over the Public Services Department and its divisions that included at various times Engineering, Streets, Water and Sewer, Solid Waste, Forestry, Building & Zoning and Fleet Maintenance. Joe also held additional Public Works positions as Village of Western Springs, Illinois, and Superintendent of Public Works Village of Willowbrook, Illinois. Joe earned his bachelor's degree at Lewis College and his Master of Public Administration at NIU. Joe has also completed the Executive Development and Executive Institute programs at the University of Illinois and the University of Virginia.

Mr. Fennel will serve as a project advisor, field agent, and collaborator.

Jim Norris, Senior Public Management and Local Government Specialist - Center for Governmental Studies. Mr. Norris has served from 1998 to 2020 as the Village Manager of the Village of Hoffman Estates, Illinois. Previously, Jim served as the City Manager of Gladstone, Missouri, the assistant Village Manager of Schaumburg, Illinois, Palatine, Illinois and interned for the Village of Western Springs, Illinois. He is a member of the International City/County Management Association, a member and past president of the Illinois City/County Management Association and a member and past president of the Chicago Metropolitan Manager's Association.

Jim served as the Executive Board chairperson for the Northwest Suburban Municipal Joint Action Water Agency, chair of the Northwest Central Dispatch Joint Emergency Management Agency, vice- chair of the Executive Committee of the Solid Waste Agency of Northern Cook County and was on the board and a past chair of the Northwest Central Dispatch Agency. Mr. Norris has a B.A. in history from the

University of Missouri, St. Louis and received his MPA from NIU. As an Adjunct for NIU's Public Administration Department, Mr. Norris teaches PSPA 600, PSPA 412, PSPA 410, POLS 303X. Jim has previously taught in the Masters in Public Policy program at Northwestern University and the Masters of Public Affairs program at Park College.

Mr. Norris will serve as a project advisor, field agent, and collaborator.

Other Project Staff and Support - Dr. Kuhn and the project team will also be joined and assisted by other staff members of the Center for Governmental Studies, the University, and administrative or public utility specialists for certain project elements or at critical junctures of the project.

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy R. Underwood
General Manager

FROM: Carly Shaw
Administrative Supervisor

DATE: June 11, 2024

RE: Administrative Services Progress Report – June 2024

ADMINISTRATIVE

Personnel

Jackie Hawkings will be starting on July 8 as the summer Sewer System Clerical Worker.

Team Effectiveness Training with Dr. Lew Bender was held on June 19 and 20 for employees. The Administrative, Operations, and Lab staff attended on the 19th and the Safety Coordinator, Sewer Maintenance, Code Enforcement, and Maintenance staff attended on the 20th. Most employees found this to be helpful and it opened communication between staff and supervisors on their expectations of each other.

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

We have completed administrative training on the new timekeeping software, seeing firsthand how to process the timesheets and creating reports to assist us in manually entering the information until we implement the new accounting software. Kazys set up the new timeclocks so that employees can punch in on both the current clocks and new clocks for us to test the system. Supervisors will receive training on July 11 which will also include brief employee training. We will have a video and documentation to help us train employees on how to use the software to review and code time, request time off, and view their profile information. The go-live date for this is July 21, 2024. Once this occurs, the old time clocks will be removed.

A kick-off meeting was held with BS&A in June. Adrienne Kasper, Sue Testin, and Michelle Jasso also attended. We were introduced to the team that will be working on each module and discussed the schedule they have set for each step with go-live being November 18. BS&A staff will be onsite during that time to make sure everything working as it should and to provide hands on training of staff. An IT meeting is scheduled for July 15 and will include myself, Kazys Motekaitis, and Steven Rajske of Curtis Martin.

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.

Annual Audit

We are still working on getting a few remaining items for the Auditors to complete their work and provide us a draft of the audit. I have not received any updates on the single audit being performed for the Federal EPA grant received for the Curtiss Street Sewer Lining Project.

User Billing

Detailed billing information is attached to this report. Something to note on the past dues is that in early April we discontinued the PO Box through Downers Grove Post Office. At that time, we completed a forwarding for our mail to come directly to the office address. This process has been very slow, and mail has been significantly delayed. We have received several calls from customers that have paid their bills but are receiving reminder notices. This issue has caused collections of sewer billing accounts to be very slow and we hope in the next month or so the mail will catch up and the past dues will decrease.

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

USER BILLING SUMMARY

User Charge System

Billings for June 2024 were as follows:

User	\$382,169.41
Surcharge	44,956.52
Monthly fees	419,315.91
Total	<u>\$846,441.84</u>
Summer Usage Adjustment	\$3,392.00
Billable Flow	137,737,240
Budgeted Billable Flow	141,862,009
% Actual/Budgeted Billable Flow	97.09%
YTD Billable Flow	395,948,605
YTD Budgeted Billable Flow	401,051,580
% Actual/Budgeted Billable Flow	98.73%

The user accounts receivable balance on 6/30/2024 is \$913,346.29 and consists of:

Current charges due 6/14/2024	\$690,216.25
Past due charges and penalty	223,130.04
Total	<u>\$913,346.29</u>

The past due charges represent:

<u>Age</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$87,882.05	\$10,484.92	\$98,366.97
60 days past due	44,939.74	7,276.48	52,216.22
90 days & greater past due	<u>60,791.09</u>	<u>11,755.76</u>	<u>72,546.85</u>
Totals	\$193,612.88	\$29,517.16	\$223,130.04

Summary of
Past Due Charges
(90 Days and Over)

Five Year Comparison

June

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2024	\$60,791.09	\$11,755.76	\$72,546.85
2023	48,202.48	8,745.13	56,947.61
2022	35,801.73	7,550.71	43,352.44
2021	83,697.16	13,417.21	97,114.37
2020	85,214.22	1,419.54	86,633.76

Twelve Months Ending June 2024

<u>Month Ending</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
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
8/30/23	56,820.77	9,871.97	66,692.74
7/31/23	42,973.75	7,253.99	50,227.74

There were 30 accounts scheduled for Pre-Enforcement on June 14, 2024 of which 16 accounts have paid in full. There are 29 accounts scheduled for Pre-Enforcement for July 15, 2024.

To: Amy Underwood, General Manager
From: Marc Majewski, Operations Supervisor
Date: July 9th, 2024
Subject: June 2024 WWTC Operations Report

Dear Amy,

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

Operations Highlights:

1. Monthly flow:

- Average daily flows: 10.06 MGD (Million Gallons per Day)
- Total precipitation: 4.67 inches
- Excess Flow days: 1
- Days of discharge over 11 MGD: 6

2. Activated Sludge:

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

3. Anaerobic Digesters:

- Pumped Volumes:
 - Primary Sludge: 888,899 gallons
 - TWAS (Thickened Waste Activated Sludge): Out of Service as of 4/16/24
 - WAS to digester 4 from Concentrators: 809,720 gallons
 - Waste grease: 218,334 gallons

4. Digester Gas:

- Total production: 4,987,750 cubic feet
- Usage Breakdown:
 - Heat Exchangers: 131,357 cubic feet
 - CHP facilities: 3,336,818 cubic feet
- Flared gas recorded: 824,486 cubic feet
- Munters dehumidifier gas consumption: 695,090 cubic feet

5. Biosolids:

- Distributed 57 Dry tons of Class A biosolids.

6. Electricity:

- Overall net energy from ComEd: 68,483 kWh
- Electricity generated by CHP system: 284,417 kWh
- Monthly net energy (including natural gas usage): 71 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
6/1/2024	0.81	24.61	5.56	12.22	0.00	0.00	0.00	0.00	0.00	0.00	12.22	24.61	0.00
6/2/2024	0.01	21.38	11.41	13.84	0.00	0.00	0.00	0.00	0.00	0.00	13.84	21.38	0.00
6/3/2024	0.00	17.36	7.39	10.74	0.00	0.00	0.00	0.00	0.00	0.00	10.74	17.36	0.00
6/4/2024	0.30	12.22	6.89	9.98	0.00	0.00	0.00	0.00	0.00	0.00	9.98	12.22	0.00
6/5/2024	0.38	22.10	11.39	15.05	0.00	0.00	0.00	0.00	0.00	0.00	15.05	22.10	0.00
6/6/2024	0.00	17.15	8.34	10.85	0.00	0.00	0.00	0.00	0.00	0.00	10.85	17.15	0.00
6/7/2024	0.00	12.14	6.84	9.46	0.00	0.00	0.00	0.00	0.00	0.00	9.46	12.14	0.00
6/8/2024	0.39	20.70	5.73	10.51	0.00	0.00	0.00	0.00	0.00	0.00	10.51	20.70	0.00
6/9/2024	0.00	18.09	7.95	10.82	0.00	0.00	0.00	0.00	0.00	0.00	10.82	18.09	0.00
6/10/2024	0.00	12.19	6.67	9.37	0.00	0.00	0.00	0.00	0.00	0.00	9.37	12.19	0.00
6/11/2024	0.00	12.27	5.51	8.59	0.00	0.00	0.00	0.00	0.00	0.00	8.59	12.27	0.00
6/12/2024	0.00	12.31	5.37	8.61	0.00	0.00	0.00	0.00	0.00	0.00	8.61	12.31	0.00
6/13/2024	0.00	13.65	4.13	8.48	0.00	0.00	0.00	0.00	0.00	0.00	8.48	13.65	0.00
6/14/2024	0.00	12.20	5.28	8.09	0.00	0.00	0.00	0.00	0.00	0.00	8.09	12.20	0.00
6/15/2024	0.00	11.60	4.90	7.99	0.00	0.00	0.00	0.00	0.00	0.00	7.99	11.60	0.00
6/16/2024	0.00	12.28	4.81	7.87	0.00	0.00	0.00	0.00	0.00	0.00	7.87	12.28	0.00
6/17/2024	0.00	12.11	5.00	8.19	0.00	0.00	0.00	0.00	0.00	0.00	8.19	12.11	0.00
6/18/2024	0.00	12.66	4.71	8.05	0.00	0.00	0.00	0.00	0.00	0.00	8.05	12.66	0.00
6/19/2024	0.00	11.76	4.61	7.95	0.00	0.00	0.00	0.00	0.00	0.00	7.95	11.76	0.00
6/20/2024	0.39	12.95	4.50	8.31	0.00	0.00	0.00	0.00	0.00	0.00	8.31	12.95	0.00
6/21/2024	0.00	11.40	5.19	8.07	0.00	0.00	0.00	0.00	0.00	0.00	8.07	11.40	0.00
6/22/2024	1.55	15.75	4.57	7.64	0.00	0.00	0.00	0.00	0.00	0.00	7.64	15.75	0.00
6/23/2024	0.26	29.38	13.00	19.41	18.92	1.39	0.00	0.00	0.00	0.00	20.80	48.30	1.58
6/24/2024	0.00	19.64	9.85	12.46	0.00	0.00	0.00	0.00	0.00	0.00	12.46	19.64	0.00
6/25/2024	0.38	21.23	7.17	13.13	0.00	0.00	0.00	0.00	0.00	0.00	13.13	21.23	0.00
6/26/2024	0.00	18.12	7.70	10.45	0.00	0.00	0.00	0.00	0.00	0.00	10.45	18.12	0.00
6/27/2024	0.00	12.53	6.21	8.83	0.00	0.00	0.00	0.00	0.00	0.00	8.83	12.53	0.00
6/28/2024	0.13	13.63	5.59	9.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	13.63	0.00
6/29/2024	0.07	13.44	7.07	9.70	0.00	0.00	0.00	0.00	0.00	0.00	9.70	13.44	0.00
6/30/2024	0.00	10.37	5.71	8.14	0.00	0.00	0.00	0.00	0.00	0.00	8.14	10.37	0.00
Minimum	0.00	10.37	4.13	7.64	0.00	0.00	0.00	0.00	0.00	0.00	7.64	10.37	0.00
Maximum	1.55	29.38	13.00	19.41	18.92	1.39	0.00	0.00	0.00	0.00	20.80	48.30	1.58
Total	4.67	467.20	199.05	301.78	18.92	1.39	0.00	0.00	0.00	0.00	303.17	486.12	1.58
Average	0.16	15.57	6.64	10.06	0.63	0.05	0.00	0.00	0.00	0.00	10.11	16.20	0.05

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	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
6/1/2024	12.22		68,158	5.98							
6/2/2024	13.84		68,158	5.99							
6/3/2024	10.74	2,252	69,874	5.85	51	37	30	164		4,478	7.7
6/4/2024	9.98	2,077	64,436	5.16	46	34	29	161	4,628		7.6
6/5/2024	15.05	2,086	64,710	4.26	39	29	25	138		5,466	7.5
6/6/2024	10.85	2,242	69,554	4.52	55	40	31	178	5,253		
6/7/2024	9.46	2,484	77,047	5.90	59	44	31	175		4,417	
6/8/2024	10.51		77,047	5.68							
6/9/2024	10.82		77,047	5.68							
6/10/2024	9.37	2,188	67,891	5.71	61	37	29	169		3,877	7.5
6/11/2024	8.59	2,514	77,996	6.56	53	39	30	153	4,704		7.3
6/12/2024	8.61	2,567	79,622	6.05	53	38	32	146		4,229	7.3
6/13/2024	8.48	2,542	78,863	5.74	50	35	29	138	5,189		
6/14/2024	8.09	2,376	73,707	5.73						3,980	
6/15/2024	7.99		73,707	5.82							
6/16/2024	7.87		73,707	5.82							
6/17/2024	8.19	2,093	64,921	6.97	25	20	19	96		3,188	6.9
6/18/2024	8.05	2,094	82,534	8.19	25	20	14	94	3,583		7.2
6/19/2024	7.95		64,974	8.80							7.1
6/20/2024	8.31	1,979	61,409	8.69	23	19	18	94	3,573		
6/21/2024	8.07	2,095	65,004	10.14	25	20	60	95		3,002	
6/22/2024	7.64		65,004	9.82							
6/23/2024	19.41		65,004	9.75							
6/24/2024	12.46	2,123	65,856	5.69	26	18	40	89		5,155	7.0
6/25/2024	13.13	2,232	69,260	5.77	23	18	17	81	4,134		7.0
6/26/2024	10.45	2,226	69,061	5.93	25	19	18	87		4,800	7.4
6/27/2024	8.83	2,074	64,336	5.46	24	19	13	90	3,842		
6/28/2024	9.00	1,994	61,874	6.48	22	17	15	84		3,998	
6/29/2024	9.70		61,874	6.67							
6/30/2024	8.14		61,874	6.68							
Minimum	7.64	1,979	61,408.94	4.26	21.75	16.75	13.27	80.65	3,573	3,002	6.9
Maximum	19.41	2,567	82,533.57	10.14	60.84	43.75	60.17	177.90	5,253	5,466	7.7
Total	301.78	42,239	2,084,508.22	195.51	684.13	501.44	477.20	2,231.00	34,906	46,590	87.5
Average	10.06	2,223	69,483.63	6.52	38.06	27.94	26.67	124.00	4,363	4,235	7.3

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	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
6/1/2024	12.22							61	68	
6/2/2024	13.84							58	84	
6/3/2024	10.74	320	123		1.5	134	99.2	56	89	62.2
6/4/2024	9.98	311	80		1.6	133	99.0	71	89	63.1
6/5/2024	15.05	268	130		2.3	289	98.4	70	84	63.0
6/6/2024	10.85	309	84	1.6	1.5	136	99.0	66	83	63.0
6/7/2024	9.46							56	83	
6/8/2024	10.51							55	80	
6/9/2024	10.82							56	84	
6/10/2024	9.37	353	135		1.9	148	99.1	52	76	63.7
6/11/2024	8.59	247	123	1.6	2.0	143	98.4	47	84	63.5
6/12/2024	8.61	262			2.6	187	98.2	68	96	63.6
6/13/2024	8.48	367	130	2.0	2.6	184	98.6	74	97	63.7
6/14/2024	8.09							62	91	
6/15/2024	7.99							59	89	
6/16/2024	7.87							73	97	
6/17/2024	8.19							75	99	65.3
6/18/2024	8.05	280	140		2.3	154	97.7	79	95	65.5
6/19/2024	7.95	376	130	1.6	3.2	212	98.5	78	97	
6/20/2024	8.31	313	133	2.8	3.4	236	98.1	67	93	64.5
6/21/2024	8.07							67	97	
6/22/2024	7.64							72	95	
6/23/2024	19.41	130						66	83	
6/24/2024	12.46	333	75		2.7	281	98.8	64	93	66.0
6/25/2024	13.13	225	122	2.3	1.6	175	98.6	72	87	66.4
6/26/2024	10.45	380	115		1.4	122	99.4	67	91	66.0
6/27/2024	8.83	333	167	1.2	1.2	88	99.4	62	79	66.0
6/28/2024	9.00							65	79	
6/29/2024	9.70							73	91	
6/30/2024	8.14							57	76	
Minimum	7.64	130	75	1.2	1.20	88	97.7	47	68	62.2
Maximum	19.41	380	167	2.8	3.40	289	99.4	79	99	66.4
Total	301.78	4,807	1,687	13.1	31.80	2,623	1,480.3	966	2,632	965.5
Average	10.06	300	121	1.9	2.12	175	98.7	65	88	64.4

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	Tertiary Flow	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent TSS	Tertiary Effluent TSS Load	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
6/1/2024	12.22	330			1.1	112	99.7				
6/2/2024	13.84	200			1.2	138	99.4				
6/3/2024	10.74	320	72		0.7	63	99.8	7.7	7.6	7.2	7.3
6/4/2024	9.98	346	102	5.8	0.6	50	99.8	7.7	7.5	7.2	7.3
6/5/2024	15.05	307	79		1.5	188	99.5	7.6	7.5	7.1	7.2
6/6/2024	10.85	317	56	5.0	0.9	81	99.7	7.7	7.5	7.2	7.2
6/7/2024	9.46	330			0.7	55	99.8	7.6	7.6	7.2	7.3
6/8/2024	10.51	270			0.7	61	99.7				
6/9/2024	10.82	250			0.8	72	99.7				
6/10/2024	9.37	310	91		0.7	55	99.8	7.6	7.5	7.2	7.2
6/11/2024	8.59	227	94	5.0	1.2	86	99.5	7.6	7.6	7.2	7.2
6/12/2024	8.61	260			1.0	72	99.6	7.6	7.0	7.1	7.2
6/13/2024	8.48	300	80	5.0	1.2	85	99.6	7.6	7.4	7.2	7.2
6/14/2024	8.09	190			1.1	74	99.4	7.5	7.5	7.1	7.2
6/15/2024	7.99	250			0.8	53	99.7				
6/16/2024	7.87	280			1.1	72	99.6				
6/17/2024	8.19	320	70		1.7	116	99.5	7.6	7.6	7.0	7.2
6/18/2024	8.05	260	84		1.8	121	99.3	7.6	7.3	7.0	7.1
6/19/2024	7.95	333	78	4.7	1.6	106	99.5	7.5	7.3	7.0	7.2
6/20/2024	8.31	307	82	6.3	2.5	173	99.2	7.6	7.2	7.0	7.1
6/21/2024	8.07	213			2.3	155	98.9	7.6	7.3	6.9	7.2
6/22/2024	7.64	470			2.0	127	99.6				
6/23/2024	19.41	162			4.5	728	97.2				
6/24/2024	12.46	344	30		1.5	156	99.6	7.6	7.5	7.2	7.2
6/25/2024	13.13	204	96	4.6	1.2	131	99.4	7.6	7.7	7.1	7.2
6/26/2024	10.45	370	61		0.9	78	99.8	7.6	7.4	7.2	7.2
6/27/2024	8.83	137	137	2.6	0.8	59	99.4	7.6	7.6	7.2	7.2
6/28/2024	9.00	333			0.5	38	99.8	7.6	7.4	7.1	7.2
6/29/2024	9.70	180			1.0	81	99.4				
6/30/2024	8.14	273			2.2	149	99.2				
Minimum	7.64	137	30	2.6	0.5	38	97.2	7.5	7.0	6.9	7.1
Maximum	19.41	470	137	6.3	4.5	728	99.8	7.7	7.7	7.2	7.3
Total	301.78	8,393	1,212	39.0	39.8	3,538	2,984.1	152.1	149.0	142.4	144.1
Average	10.06	280	81	4.9	1.3	118	99.5	7.6	7.5	7.1	7.2

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	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
6/1/2024	12.22					
6/2/2024	13.84	7.70	0.10	11.5		
6/3/2024	10.74	14.06	0.10	9.0		
6/4/2024	9.98	19.28	0.10	8.3	0.015	1
6/5/2024	15.05	12.86	0.10	12.6	0.015	14
6/6/2024	10.85	16.94	0.10	9.1		
6/7/2024	9.46					
6/8/2024	10.51					
6/9/2024	10.82	15.18	0.10	9.0		
6/10/2024	9.37	20.28	0.14	10.9		
6/11/2024	8.59	18.66	0.12	8.6	0.015	1
6/12/2024	8.61	23.42	0.12	8.6	0.015	1
6/13/2024	8.48	22.40	0.12	8.5		
6/14/2024	8.09					
6/15/2024	7.99					
6/16/2024	7.87	23.30	0.10	6.6		
6/17/2024	8.19	22.70	0.10	6.8		
6/18/2024	8.05	21.47	0.13	8.7	0.015	8
6/19/2024	7.95	21.88	0.10	6.6		
6/20/2024	8.31	24.70	0.13	9.0	0.015	28
6/21/2024	8.07					
6/22/2024	7.64					
6/23/2024	19.41	6.71	0.36	58.3		
6/24/2024	12.46	17.00	0.13	13.5		
6/25/2024	13.13	13.33	0.12	13.1	0.015	4
6/26/2024	10.45	17.62	0.10	8.7	0.015	13
6/27/2024	8.83	20.60	0.10	7.4		
6/28/2024	9.00					
6/29/2024	9.70					
6/30/2024	8.14	16.62	0.10	6.8		
Minimum	7.64	6.71	0.10	6.6	0.015	1.0
Maximum	19.41	24.70	0.36	58.3	0.015	28.0
Total	301.78	376.71	2.57	241.6	0.120	70.0
Average	10.06	17.94	0.12	11.5	0.015	4.5

SLUDGE DATA			
Primary Sludge	TS	2.10 %	888,899 Gallons
WAS to Thickener	TS	1.85 %	809,720 Gallons
TWAS to Digester 4	TS	1.80 %	0 Gallons
Hauled Grease to Digs	TS	8.60 %	218,334 Gallons
Anaerobically Digested Sludge Pumping			
to Drying Beds	TS	2.60 %	203,700 Gallons
to BFP	TS	2.44 %	535,836 Gallons
to Lagoons	TS	%	Gallons
Total			739,536 Gallons
VS Destruction			58.5 %
Biosolids Disposal			
Class A Distribution	Jun		57 Dry Tons
Class B Hauling	Jun		Dry Tons
Total	Jun		57 Dry Tons
Class A Distribution	YTD		421 Dry Tons
Class B Hauling	YTD		199 Dry Tons
Total	YTD		621 Dry Tons
ENERGY DATA			
Total Digester Gas Production			4,987,750 SCF
Gas Volume per Volatile Solids Load			18.2 Cu.Ft./Lb.
Digester Gas Utilization			
Heat Exchangers			131,357 SCF
Dehumidification			695,090 SCF
CHP			3,336,818 SCF
Total			4,163,265 SCF
Digester Gas Flared			824,486 SCF
Natural Gas Consumed			
WWTC			4,333 SCF
MSB			2,133 SCF
Chemical Feed			67,666,700 SCF
5006 Walnut			99,999,900 SCF
Kilowatt-hours Generated CHP			284,417 KWH
Net energy from Comed			68,483 KWH
Monthly net energy			20,631 MWH
MISCELLANEOUS			
Grit Removal	Jun		40 Cu. Yds
Grit Removal	YTD		140 Cu. Yds
Anaerobic Supernate			1,050,547 Gallons
Waste Activated Sludge			321,209 Gals/Day
City Water Consumed			131,174 Gallons

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	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
6/1/2024	12.22											
6/2/2024	13.84											
6/3/2024	10.74											
6/4/2024	9.98											
6/5/2024	15.05	6.36	3.07	744.2	385.3	51.7						
6/6/2024	10.85		2.57		232.6							15.90
6/7/2024	9.46											
6/8/2024	10.51											
6/9/2024	10.82											
6/10/2024	9.37	7.20	3.14	522.6	245.3	56.4						
6/11/2024	8.59						44.6	17.3	2,957.9	1,239.2	58.1	
6/12/2024	8.61											
6/13/2024	8.48		3.29		232.6							22.69
6/14/2024	8.09											
6/15/2024	7.99											
6/16/2024	7.87											
6/17/2024	8.19	4.77	4.24	290.7	289.5	11.1						
6/18/2024	8.05											
6/19/2024	7.95											
6/20/2024	8.31		4.62		320.4							
6/21/2024	8.07											
6/22/2024	7.64											
6/23/2024	19.41											
6/24/2024	12.46	6.60	2.05	616.8	213.1	68.9						
6/25/2024	13.13											
6/26/2024	10.45		2.64		230.0							
6/27/2024	8.83											20.48
6/28/2024	9.00											
6/29/2024	9.70											
6/30/2024	8.14											
Minimum	7.64	4.77	2.05	290.7	213.1	11.1	44.6	17.3	2,957.9	1,239.2	58.1	15.90
Maximum	19.41	7.20	4.62	744.2	385.3	68.9	44.6	17.3	2,957.9	1,239.2	58.1	22.69
Total	301.78	24.93	25.62	2,174.2	2,148.8	188.2	44.6	17.3	2,957.9	1,239.2	58.1	59.07
Average	10.06	6.23	3.20	543.6	268.6	47.0	44.6	17.3	2,957.9	1,239.2	58.1	19.69

DMR Copy of Record

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

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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 06/01/24 to 06/30/24

DMR Due Date:

07/25/24

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	=	6.8	=	5.8	19 - mg/L	0	13/30 - 13 Per Month DL/DS - Daily When Discharging	GR - GRAB GR - GRAB
					Permit Req.							Req Mon MO AV MN		Req Mon MN WK AV		Req Mon DAILY MN	19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	5.0	=	6.2	19 - mg/L	0	16/30 - 16 Per Month DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB
					Permit Req.								<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.9			=	7.2	12 - SU	0	21/30 - 21 Per Month DL/DS - Daily When Discharging	GR - GRAB GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	1.6	=	2.6	=	2.6	19 - mg/L	0	05/WK - Five Per Week DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB
					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						=	0.21	=	2.1	=	2.1	19 - mg/L	0	21/30 - 21 Per Month DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB
					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						=	3.29	=	4.62	=	4.62	19 - mg/L	0	09/30 - Nine Per Month DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	0.05					19 - mg/L	0	09/30 - Nine Per Month DL/DS - Daily When Discharging	GR - GRAB GR - GRAB
					Permit Req.						<=	0.75 MO AVG					19 - mg/L			
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample											117.0	13 - #/100mL	0	09/30 - Nine Per Month DL/DS - Daily When Discharging	GR - GRAB GR - GRAB
					Permit Req.										<=	400.0 DAILY MX	13 - #/100mL			
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	301.59	80 - Mgal/mo								0	99/99 - Continuous 99/99 - Continuous	
					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

30 days of discharge. 1 day of discharge combined with A01 and zero days combined with C01.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-07-09 12:55 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-07-09 13:49 (Time Zone: -05:00)

DMR Copy of Record

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

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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 06/01/24 to 06/30/24

DMR Due Date:

07/25/24

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. Value NODI										= 5.8 Req Mon DAILY MN	19 - mg/L 19 - mg/L	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							= 19.5 30.0 MO AVG		= 19.5 45.0 WKLY AVG		19 - mg/L 19 - mg/L	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					= 7.0 6.0 MINIMUM				= 7.0 9.0 MAXIMUM		12 - SU 12 - SU	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							= 12.0 30.0 MO AVG		= 12.0 45.0 WKLY AVG		19 - mg/L 19 - mg/L	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										= 2.1 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							= 4.01 Req Mon MO AVG		= 4.01 Req Mon DAILY MX		19 - mg/L 19 - mg/L	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							= 0.25 0.75 MO AVG				19 - mg/L 19 - mg/L	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									= 117.0 400.0 DAILY MX		13 - #/100mL 13 - #/100mL	0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	GR - GRAB GR - GRAB	
82220	Flow, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			= 1.58 Req Mon MO TOTAL		80 - Mgal/mo 80 - Mgal/mo								0	DL/DS - Daily When Discharging DL/DS - Daily When Discharging	

Submission Note

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

Edit Check Errors

No errors.

Comments

1 day of discharge.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2024-07-09 12:57 (Time Zone: -05:00)

Report Last Signed By

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2024-07-09 13:49 (Time Zone: -05:00)

DMR Copy of Record

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

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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 06/01/24 to 06/30/24

DMR Due Date:

07/25/24

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												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												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												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												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												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												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												DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	0.75 MO AVG		19 - mg/L		
					Value NODI									C - No Discharge				
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										<=	400.0 DAILY MX	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											13 - #/100mL		
					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: 2024-07-09 12:58 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2024-07-09 13:49 (Time Zone: -05:00)

DMR Copy of Record

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

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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 06/01/24 to 06/30/24

DMR Due Date:

07/25/24

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: --

Submission Note

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

Edit Check Errors

No errors.

Comments

1 day of discharge. Event: 6/23/2024, discharging for 3.4 hours. 1.81 inches of rain over 4 hours. B01 flow rate at A01 start time: 17,549gpm.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time: 2024-07-09 13:03 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-07-09 13:49 (Time Zone: -05:00)

DMR Copy of Record

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

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Permit #:		I0028380		Permittee:		DOWNERS GROVE SANITARY DISTRICT						Facility:		DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER								
Major:		Yes		Permittee Address:		2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515						Facility Location:		5003 WALNUT AVENUE DOWNERS GROVE, IL 60515								
Permitted Feature:		B01 External Outfall		Discharge:		B01-0 MIXING CHAMBER DISCHARGE TO THE E BRANCH DUPAGE RVR																
Report Dates & Status																						
Monitoring Period:		From 06/01/24 to 06/30/24				DMR Due Date:		07/25/24						Status:		NetDMR Validated						
Considerations for Form Completion																						
W0430300002 ; DMF LOAD LIMITS DISPLAYED.																						
Principal Executive Officer																						
First Name:		Amy		Title:		General Manager						Telephone:		630-969-0664								
Last Name:		Underwood																				
No Data Indicator (NODI)																						
Form NODI: --																						
Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									= 66.0 Req Mon MO MAX	15 - deg F 15 - deg F	0	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							= 7.1 6.0 MN WK AV	= 6.9 5.0 DAILY MN	19 - mg/L 19 - mg/L	0	03/07 - Three Per Week 02/DA - 2 Days Every Week	GR - GRAB GR - GRAB					
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					= 6.9 6.0 MINIMUM		= 7.2 9.0 MAXIMUM	12 - SU 12 - SU	0	05/DW - 5 Days Every Week 02/DA - 2 Days Every Week	GR - GRAB GR - GRAB						
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							= 160.0 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	01/30 - Monthly 01/30 - Monthly	CP - COMPO CP - COMPO						
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	= 117.94 2202.0 MO AVG	= 728.34 4404.0 DAILY MX	26 - lb/d 26 - lb/d		= 1.3 12.0 MO AVG	= 4.5 24.0 DAILY MX	19 - mg/L 19 - mg/L	0	05/DW - 5 Days Every Week 02/DA - 2 Days Every Week	CP - COMPO CP - COMPO							
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							= 17.3 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	01/30 - Monthly 01/30 - Monthly	CP - COMPO CP - COMPO						
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	5	--	Sample Permit Req. Value NODI	= 11.51 275.0 MO AVG	= 58.27 550.0 DAILY MX	26 - lb/d 26 - lb/d		= 0.12 1.5 MO AVG	= 0.36 3.0 DAILY MX	19 - mg/L 19 - mg/L	0	05/DW - 5 Days Every Week 02/DA - 2 Days Every Week	CP - COMPO CP - COMPO							
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						< 1.0 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	01/30 - Monthly 01/30 - Monthly	CP - COMPO CP - COMPO							
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						= 17.3 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD							
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample Permit Req.					= 3.2 Req Mon MO AVG	= 4.62 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	08/30 - Eight Every Month 01/30 - Monthly	CP - COMPO CP - COMPO							

[illegible]

Submission Note

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[Edit Check Errors](#)

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2024-07-09 13:07 (Time Zone: -05:00)

Report Last Signed By

User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2024-07-09 13:49 (Time Zone: -05:00)

DMR Copy of Record

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

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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-S
SEMI ANNUAL SAMPLING AT B01

Report Dates & Status

Monitoring Period:

From 01/01/24 to 06/30/24

DMR Due Date:

07/25/24

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 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				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample											<	5.0	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX	19 - mg/L			
					Value NODI																
00720	Cyanide, total [as CN]	1 - Effluent Gross	0	--	Sample											<	5.0	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX	28 - ug/L			
					Value NODI																
00722	Cyanide, free [amenable to chlorination]	1 - Effluent Gross	0	--	Sample											<	5.0	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX	28 - ug/L			
					Value NODI																
00951	Fluoride, total [as F]	1 - Effluent Gross	0	--	Sample											=	0.53	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX	19 - mg/L			
					Value NODI																
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample											<	0.01	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX	19 - mg/L			
					Value NODI																
01007	Barium, total [as Ba]	1 - Effluent Gross	0	--	Sample											=	0.022	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX	19 - mg/L			
					Value NODI																
01012	Beryllium, total [as Be]	1 - Effluent Gross	0	--	Sample											<	0.004	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX	19 - mg/L			
					Value NODI																
01027	Cadmium, total [as Cd]	1 - Effluent Gross	0	--	Sample											<	0.001	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX	19 - mg/L			
					Value NODI																
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample											<	0.005	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX	19 - mg/L			
					Value NODI																
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--	Sample											<	0.005	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX	19 - mg/L			

[illegible]

Submission Note

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[Edit Check Errors](#)

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNS GROVE SANITARY DISTRICT

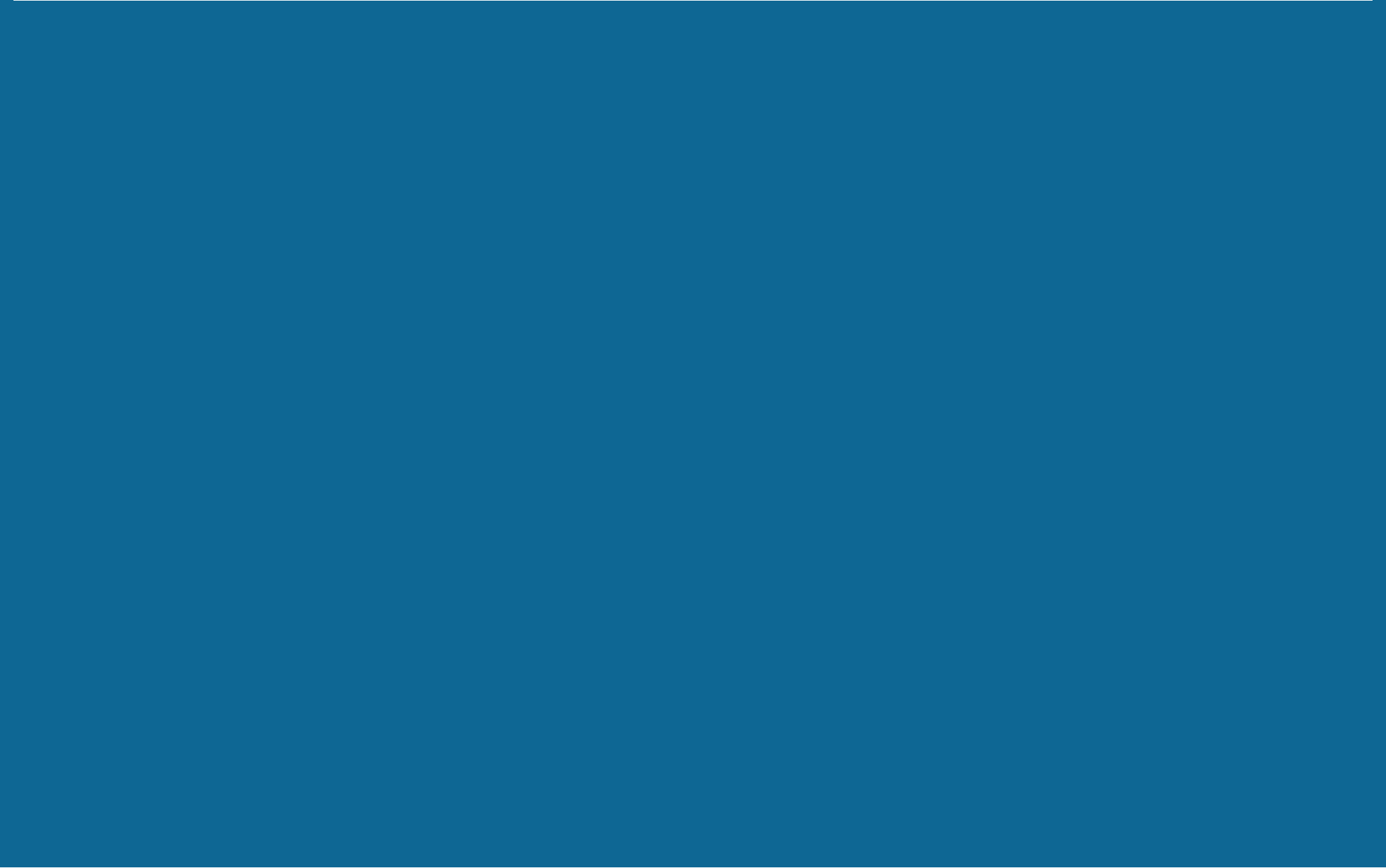
User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2024-07-09 13:13 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time:

2024-07-09 13:49 (Time Zone: -05:00)



DMR Copy of Record

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

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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 06/01/24 to 06/30/24

DMR Due Date:

07/25/24

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

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time: 2024-07-09 13:13 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-07-09 13:49 (Time Zone: -05:00)

DMR Copy of Record

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

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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 06/01/24 to 06/30/24

DMR Due Date:

07/25/24

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								=	300.0			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								=	280.0			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										=	44.6	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										=	7.2	19 - mg/L	0	04/30 - Four Per Month	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	=	9.17	=	18.33	03 - MGD								0	99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	
					Value NODI															

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time: 2024-07-09 13:14 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2024-07-09 13:49 (Time Zone: -05:00)

DMR Copy of Record

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

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Yes

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Facility Location:

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

Permitted Feature:

INFL
Influent Structure

Discharge:

INFL-S
SEMI ANNUAL SAMPLING AT INFL

Report Dates & Status

Monitoring Period:

From 01/01/24 to 06/30/24

DMR Due Date:

07/25/24

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 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			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample										=	14.0	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00718	Cyanide, weak acid, dissociable	1 - Effluent Gross	0	--	Sample										<	5.0	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI															
00720	Cyanide, total [as CN]	1 - Effluent Gross	0	--	Sample										<	5.0	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI															
00951	Fluoride, total [as F]	1 - Effluent Gross	0	--	Sample										=	0.55	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
01007	Barium, total [as Ba]	1 - Effluent Gross	0	--	Sample										=	0.062	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
01012	Beryllium, total [as Be]	1 - Effluent Gross	0	--	Sample										<	0.004	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
01027	Cadmium, total [as Cd]	1 - Effluent Gross	0	--	Sample										<	0.001	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample										<	0.005	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--	Sample										<	0.005	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L			

[illegible]

Submission Note

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[Edit Check Errors](#)

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

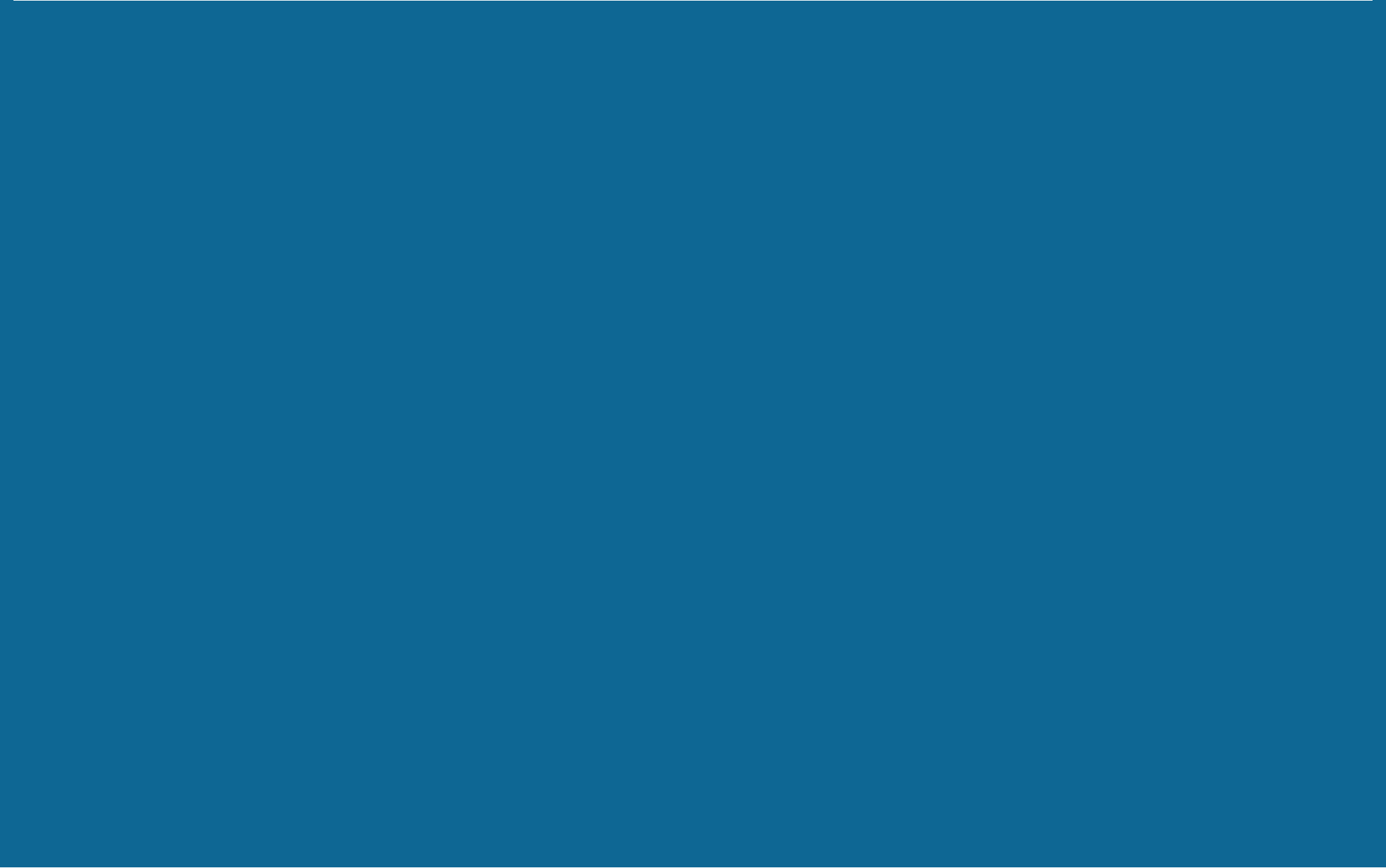
User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2024-07-09 13:20 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time:

2024-07-09 13:49 (Time Zone: -05:00)



DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy Underwood, General Manager

FROM: Nick Whitefleet, Maintenance Supervisor

DATE: July 5th, 2024

SUBJECT: June 2024 Maintenance Report

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

Special projects in June included:

Lagoon Feed Piping Valve Replacement

The operations department notified maintenance that they were having difficulties operating the 8" plug valve under the road in the plant that feeds the Curtiss Street lagoons. This made it unsafe to operate and lessened the ability for operators to utilize the lagoons. The District procured a new valve and the materials required to complete the installation and Uno Construction performed the repair which required removing a section of the manhole that accesses the valve, removing and replacing the 8" plug valve and an excavation next to the manhole to gain access to the pipe. The total cost for the valve replacement was \$7,550.56

Excess Flow Clarifiers 3 & 4 Traveling Bridge Repair

The automated cord reel on the traveling bridge for excess flow clarifiers 3 and 4 failed while in operation. The maintenance department determined that the motor that controls the cord reel had failed. The motor was quickly replaced with a spare motor assembly by maintenance personnel, so the bridge was able to be put back in operation. The failed motor was sent out to Northwest Electric Motor for overhaul. The total cost for these repairs including the overhaul was \$4,271.92

Lift Station Cathodic Protection Survey

Every three (3) years the District budgets for a cathodic protection survey to be performed to check the condition and functionality of the cathodic protection systems installed on lift stations that require these systems. Cathodic protection systems are designed to protect steel components from corrosion therefore extending their service life. Currently four (4) of our lift stations, Hobson, Wroble, College, and Butterfield, require these systems. Corpro performed this round of surveys at all four (4) lift stations for the total cost of \$2,500. I'm pleased to report that their findings at all locations indicated that the systems were operating as designed and in good condition.

CHP Gas Cleaning System AC Unit Replacement

The electrical cabinet housing the controls for the Unison Solutions gas cleaning system requires an air conditioning unit to control temperatures for protection of electrical components. The existing unit failed and required replacement. A new AC unit was purchased and installed by maintenance staff. Fortunately, this was a direct replacement that did not require modification to complete the replacement. The total cost for this replacement AC unit from Ice Qube, Inc was \$3,855. The AC unit is operating as expected.

CHP System – Units 1&2 Operation Update

CHP 1: CHP 1 has been operating throughout the month of June; however, it is still consuming an unusual amount of engine oil. Nissen and DGSD are investigating and monitoring it closely.

CHP 2: CHP 2 had a coolant system fitting fail, which resulted in extended downtime as the part was not readily available. Once the parts arrived, maintenance personnel replaced the failed fitting as well as another fitting of the same type and of the same age to avoid a second failure. The cooling system was then refilled, and the engine was restarted. CHP 2 has been running as expected since the completion of the repair. Materials for the repair were sourced through Nissen as well as NAPA. The total cost for the new fittings and coolant was \$2,302.

Centex Lift Station Replacement Update:

The punch list is still in the process of being completed. The cause of intermittent pump VFD faults is believed to be resolved. There have not been any VFD faults since the parameter change that was made on the VFDs. Landscape restoration will be complete once the fence is installed. Scheduling conflicts have pushed this back towards late July.

Procurement:

6" Dezurik Plug valve, LAI LTD. \$730.10, to replace the one used from stock to repair sand filter 4's drain valve.

4" aluminum kick plate, Breuer Metal Craftsman. \$2,500, For the South section of aeration tank 9 when the railing is replaced.

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

Work Order Summary

Work Order Completion Dates from 6/2/2024 to 6/28/2024

Work Assignment	Completion Date	Equipment	NOTATIONS
Float Drain 741 clogged	02-Jun-24	CHP Gas Cleaning System	Removed and unclogged existing float drain, fabricated new 1/2" flange gaskets and reinstalled. Ordered drain assy for stock.
22,967 hours, Perform 1200 hour service	04-Jun-24	CHP Engine Genset #1	Performed 1200 hour maintenance on engine & related equipment. Replaced gas filter.
Monthly Underground Storage Tanks Inspection		Emerg Gen Diesel Storage Tank	
Wet Weather SWPP		WWTC Roadways	
Install temp. sensors for low temp alarm	05-Jun-24	Bisulfite Building	Installed thermostat in building to act as temperature sensor and switch. Tied into SCADA panel and had Concentric integrate the low building temp. alarm.
Grease fittings on munters unit		Filter Building	
Install temp. sensors for low temp alarm		Hypochlorite Feed Blg	Installed thermostat in building to act as temperature sensor and switch. Tied into SCADA panel and had Concentric integrate the low building temp. alarm.
Exercise both 24" primary influent ratio valves		Tunnel From PS to Grit	
		Tunnel/Chan Primary Clarifiers	
Check All Fluids In The Equipment Listed Below	06-Jun-24	2009 Sterling LT 7500	
		2014 Freightliner M2106 6 yd d	
		2015 Wheel Loader #332	
		2017 Deere 544K Wheel Loader	
		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)	
Rain Gauge not working		Earlston Lift Station	Inspected Village Hall and Earlst rain guage. Found to be clogged w/ debris. Cleaned and tested - ok.
Check All Fluids In The Equipment Listed Below		Portable Generator 150	
		Portable Generator 200	
		Portable Generator 350	
Rain Gauge not working		SCADA	Inspected Village Hall and Earlst rain guage. Found to be clogged w/ debris. Cleaned and tested - ok.
Check All Fluids In The Equipment Listed Below		WWTC ODS Pump Air Compressor	
Unison Elec Cabinet AC Replacement	07-Jun-24	CHP Gas Cleaning System	Replaced failed AC unit with new. Direct replacement.
Operate Relief Valves On Heat Exchangers And Boilers		Digester 1 Heat Exchanger	

Monday, July 8, 2024

Page 1 of 5

Work Assignment	Completion Date	Equipment	NOTATIONS
Operate Relief Valves On Heat Exchangers And Boilers	07-Jun-24	Digester 2 Heat Exchanger Digester 3 Heat Exchanger Digester 4 Heat Exchanger Digester 5 Heat Exchanger	
Bio-Filter, top off with new media		Earlston Lift Station	Topped off bio filters with new mulch media.
Check, Remove,Clean. Grease-debris from wells		Excess Flow Pump Station	
Bio-Filter, top off with new media		Hobson Lift Station	Topped off bio filters with new mulch media.
Test No. 200 Generator at Butterfield, Venard or Liberty Park		Portable Generator 200	Checked operation of 200 KW gen at Centex lift Station.
Check, Remove,Clean. Grease-debris from wells		Raw Sewage Pump Station	
CLEAN TWAS POLYMER EFFLUENT STRAINER		WAS Thickener Polymer System	
PLANT BIO FILTER MEDIA CHANGEOUT		WWTC Bio-Filter	Topped Off plant Bio Filter with mulch media.
6 Month Megger Of Submersible Pumps	10-Jun-24	College Pump 1 College Pump 2 College Pump 3 Earlston Pump 3	Meggered submersible pumps at lift stations. all ok.
Traveling bridge - auto cord reel fail		Excess Flow Clarifier 3 Excess Flow Clarifier 4	Demag motor on traveling bridge cord reel failed. Replaced with stock, sent out damaged motor for repair to NWEM.
Filter 4 Drain Valve Replacement		Filter 4	Chipped out concrete and removed existing valve. Installed new 6"plug valve and grouted base.
Six Month Oil Change Intermediate Tanks 1 - 2 - 3		Intermediate Clarifier 1 Intermediate Clarifier 2 Intermediate Clarifier 3	
Purchase new printer for maint./bio office		IT System	Purchased new color printer/copier/scanner for Maintenance tech/bio tech office.
6 Month Megger Of Submersible Pumps		Liberty Park LS Pump 1 Liberty Park LS Pump 2 Liberty Park LS Pump 3 Venard Pump #1 Venard Pump #2 Venard Pump #3	Meggered submersible pumps at lift stations. all ok.
Exercise valves at Belt Press Building	11-Jun-24	Belt Filter Press	
Bi-Monthly check of all ladders		Belt Filter Press Building	
Exercise valves at Belt Press Building		Belt Press Feed Sludge Pits Belt Press Polymer Mix System Belt Press Sludge Conveyor	

Work Assignment	Completion Date	Equipment	NOTATIONS
Bi-Monthly check of all ladders		Belt Press Sludge Feed Pump 1 Belt Press Washwater System Bisulfite Building Blower Building CHP Engine Genset #2 Digester 3 Control Building Digester 4 - 5 Control Buildg	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Bi-Monthly check of all ladders		Excess Flow Pump Station Excess Flow Sludge Pump House Filter Building Hypochlorite Feed Blg	
2 MONTH EXERCISE OF INTERMEDIATE VALVES		Intermediate Sludge Pump 1 Intermediate Sludge Pump 2	
Bi-Monthly check of all ladders		Maintenance Services Building Microstrainer Building Operations Center System Garage	
Run And Inspect Generators With The Load Of The Plant	12-Jun-24	Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
Calibrate Influent, Effluent, & Excess Flow Transducers		Flow Meter - Excess Flow Meter - Influent Flow Meter - Tertiary	Calibrated flow meter.
Replace Air Filters On Both Fume Hood Air Make Up Systems		Laboratory	Replaced all 8 filters at the 2 locations.
Front end allignment	13-Jun-24	2012 FORD F-350 LS	Just Tires performed a front-end allignment on 307.
28,894 miles, Change oil & rotate tires		2022 Chevy Malibu	Changed oil w/ synthetic oil. Replaced oil filter, checked fluids and rotated tires.
Hydraulic line leak		Belt Filter Press	Replaced braided hydraulic hose on South side at lower paddle with new from stock.
Excess flow wet well birdcage stuck		Excess Flow Pump Station	Birdcage/level transducer stuck in stilling well pipe, can't pull up for maintenance. Pumped down wet well and freed up transducer.
Check belt due to excessive noise		Intermediate Sludge Pump 1	Checked belt, adjusted belt tension.
Bldg. ventillation access door repair	14-Jun-24	CHP Engine Genset #2	Replaced hinges with new on filter access door.
Replace damaged front bumper with new	17-Jun-24	2012 FORD F-350 LS	Replaced damaged front bumper and bumper inserts with new.
Procure parts for stock	18-Jun-24	CHP Engine Genset #1	Purchased: 16 sp. Plug,32 ign seal,2 gas filters,sp plug

Work Assignment	Completion Date	Equipment	NOTATIONS
		CHP Engine Genset #2	gasket-32,1 coolant hose from Nissen.
Install water spiggot inside CHP 1 building	19-Jun-24	Digester 1 and 2 Control Bldg	CHP 1 building, Tapped into existing PVC water line in building, installed hose spiggot and hose assy.
Replace (8" MJ plug vlv) lagoon road valve S. of bed 7		Yard Piping - Sludge Treatment	Removed top cone section of vault, replaced valve with new 8" Dezurik plug valve. Installed cone section and repaired asphalt.
Install door foot pull operators	20-Jun-24	Laboratory	Installed door foot-pulls at lab N & S. exterior doors and MSB interior doors (locker rooms and hallways).
		Maintenance Services Building	
Clean Pump Seal Water Filters At Lift Stations	21-Jun-24	Butterfield Pump 1	Replaced seal water filter elements and cleaned lines / housings for all applicable pumps.
		Butterfield Pump 2	
		Centex Pump 1	
		Centex Pump 2	
Overhaul intake valve Sludge rec. pmp. 4		Digester 4 - 5 Control Bldg	Removed and replaced plug portion of valve assy with new from stock.
Clean Pump Seal Water Filters At Lift Stations		Earlston Pump 1	Replaced seal water filter elements and cleaned lines / housings for all applicable pumps.
		Earlston Pump 2	
Quarterly oil samples - Annual PM		Emergency Generator 1	Altorfer took quarterly oil sample per service agreement and sent for lab analysis.
		Emergency Generator 2	
		Emergency Generator 3	
Control building - no AC		Hobson Lift Station	A-Formula inspected AC system, found condensor coils dirty. Cleaned coils on both control building AC units and dry well AC condensor unit.
Clean Pump Seal Water Filters At Lift Stations		Hobson Pump 1	Replaced seal water filter elements and cleaned lines / housings for all applicable pumps.
		Hobson Pump 2	
		Hobson Pump 3	
		Hobson Pump 4	
		Wroble Pump 1	
		Wroble Pump 2	
Replace bad rear tail light on 354	24-Jun-24	2014 Freightliner M2106 6 yd d	
Clean Office Roof Of All Debris		Administration Center	
Replace control relays for washdown sys.		Bar Screen Comp Prot Water Sys	Water solenoids not working, replaced all solenoid control relays with new. Tested - ok.
Cathodic Protection Survey		Butterfield Lift Station	2024 cathodic protection survey performed by Corrpro.
23,430 hours Change oil and vent filters		CHP Engine Genset #1	Changed oil and oil filters. Oil sample #IND-71991 sent for lab analysis. Replaced bldg. ventilation filters.
Cathodic Protection Survey		College Lift Station	2024 cathodic protection survey performed by Corrpro.
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Cathodic Protection Survey		Hobson Lift Station	2024 cathodic protection survey performed by Corrpro.
Exercising of all valves for secondaries 1 and 2 U-tubes		Secondary Clarifier 1	

Work Assignment	Completion Date	Equipment	NOTATIONS
		Secondary Clarifier 2	
		Secondary Clarifier 3	
		Secondary Clarifier 4	
		Secondary Clarifier 5	
Cathodic Protection Survey		Wroble Lift Station	2024 cathodic protection survey performed by Corrpro.
Sump pump discharge line leak	25-Jun-24	Excess Flow Sludge Pump House	Overhead horizontal discharge pipe cracked. Replace damaged section with new.
Replace leaking interior hose spiggot		Hypochlorite Feed Blg	Replaced leaking garden hose spiggot with new.
Safety lane Vehicle 317	26-Jun-24	2009 Sterling LT 7500	
Lubricate skid steer and attachment mechanism		2019 Skid Steer	
2 MONTH EXERCISE OF W.A.S. MOYNO PUMPS 1 AND 3		Conc Tank Moyno Sludge Pump 1	
		Conc Tank Moyno Sludge Pump 3	
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Top off/calibrate manometers	27-Jun-24	Digester 1 and 2 Control Bldg	Procured more fluid and topped off manometers where needed.
Fence repair - storm damage		Liberty Park LS	Storm / tree damage to N.E. corner of fence repaired by Discount Fence.
Purchase building ventilation filters	28-Jun-24	CHP Engine Genset #1	Purchased ventilation filters for stock (12).
		CHP Engine Genset #2	
Install safety bollard to protection junction box		Excess Flow Sludge Pump House	Installed and painted safety bollard on North side of building exterior to protect junction box.
Replace Munters Filters, Order more for stock, check gas smell		Microstrainer Building	Checked for gas smell, none found. Replaced all filters w/ new, ordered filters for stock.
Control fuse blown, replaced w/ new		Northwest High Flow Pump 2	Control fuse blown. Replaced 2 amp fuse with 3 amp fuse, circuit drawing 2.7 amps when tested.
Reconfigure lighting on mid and lower levels - nightlight		Northwest Lift Station	Existing nightlight utilized emergency lighting assy. Reconfigured normal light fixture to separate circuit for mid and lower level to act as nightlight.

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: July 5, 2024

TO: Amy Underwood
General Manager

FROM: Todd Freer
Sewer System Maintenance Supervisor

RE: Monthly Report – June 2024

1.

JULIE Line Markings:	Current	Year to Date
Received	1,167	6,189
In District	1,116	6,012
Marked	233	1,638
Man Hours	80.5	547.8

2.

Building Service:	Current	Year to Date
BSSRAP TV Inspections	10	111
Emergency BSSRAP Repairs	2	53
Total BSSRAP Repairs	11	102
I&I Inspections	6	24
I&I C.O. Inspections	0	0
Replace Broken Cleanout Caps	2	2
OHSP TV Inspections	0	1
Post Rodding TV	6	33

3.

Sewer Back-Ups:	Current	Year to Date
Public Sewer	0	1
Private Sewer	11	95
Surcharged Main	0	0
Pump Station	0	0
Total	11	96

4.

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

5.

Main Sewer Televising (DGSD personnel)	103	969 Ft.
a. Sewer Televising (Outside Contractors)	0	3940 Ft.

6.

	Current	Year to Date
LETS TV	0	0

7.

Manhole Inspections	22	165
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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 have begun, which include Main Street and Lane Place properties.

9. The needed parts to fix the flow meters have arrived. We currently anticipate beginning installation of the new metering cycle Group “A” this month. We are currently waiting for one meter to be repaired, but we have received four out of the five sent back in for repair.
10. Summer help will be starting July 8th to help clear out the two-year backlog of Completed Repair Letters.
11. Two vendors have completed walk-throughs for the 2024 Sewer Televising Project. Letters have been sent out to the affected residents in which private property access will be needed to perform the televising. A resident who inherited a religious monument placed atop a sanitary manhole in his yard was cooperative in removing the structure by the project start date. We are still in process to try and uncover a manhole in which the resident that has planted a tree on the manhole.
12. The Powell Street Cured-In-Place Liner Project has gone out for bid and is in the first addendum stage. Access has been granted by the Downers Grove Park District to allow contractor vehicle access through O’Brien Park Dunham Road parking lot for equipment set-up.

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

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	46	16%
4A	N	N	N	N	N/A	N	13	5%
5	Y	N	N	N	N	N	1	0%
5A	Y	Y	N	N	N	N	30	10%
5AX	Y	Y	N	N	N	N	0	0%
5B	Y	N	N	N	N	N	13	5%
5BX	Y	N	N	N	N	N	1	1%
0	N	N	N	N	N	N	52	18%
X	-	-	-	-	-	-	2	1%
5X	-	-	-	-	-	-	0	0%
							<u>288</u>	<u>100%</u>

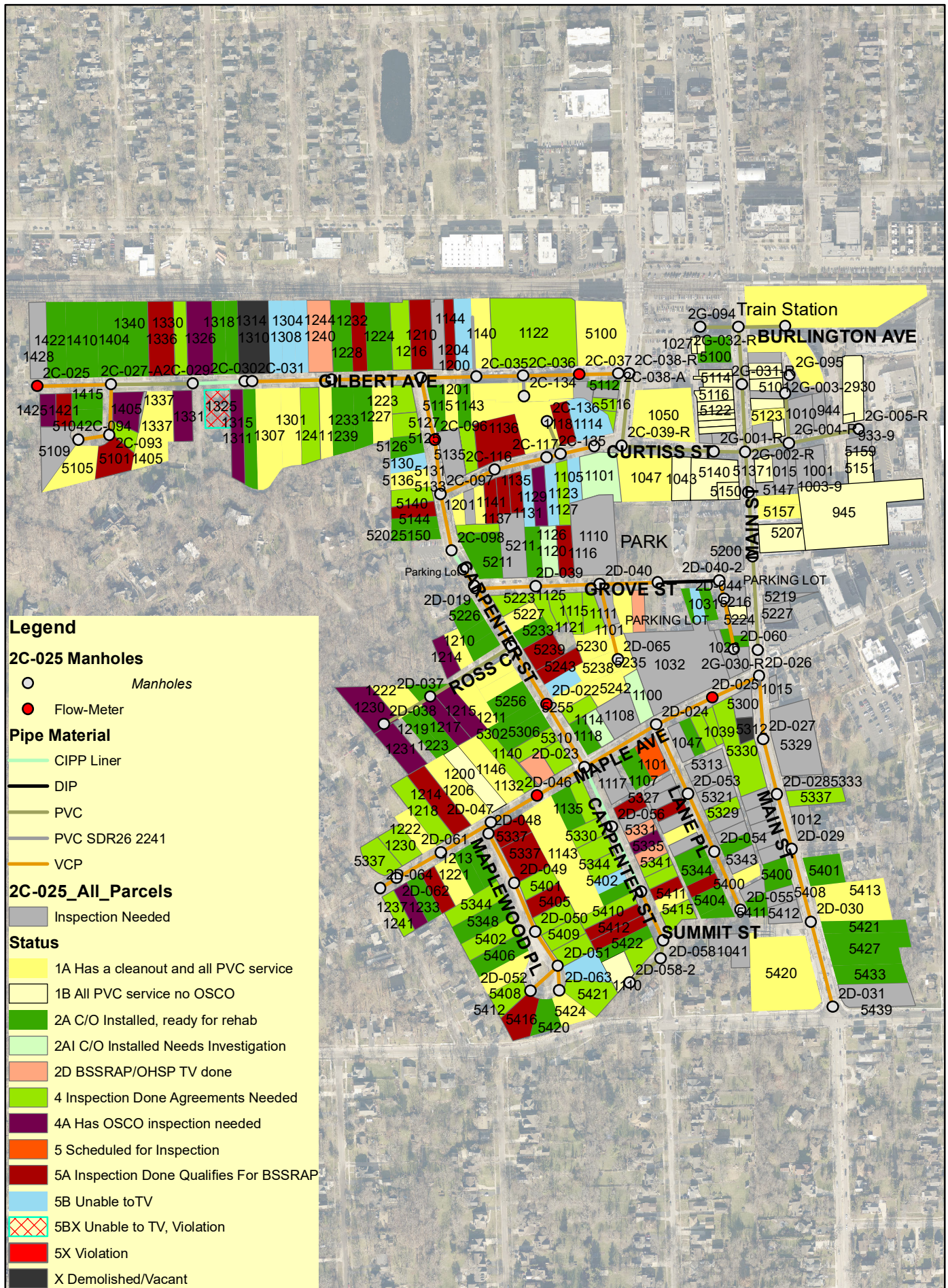
Category Description:

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

2C-025 I&I Investigation Status



DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: July 1, 2024

TO: Amy R. Underwood
General Manager

FROM: Keith Shaffner
Sewer Construction Supervisor

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

1.	Permits issued:	Current	Year to Date
	a. Single family	4	24
	b. Multiple family	0	0
	c. Commercial	1	6
	d. Repair	3	9
	e. Disconnection	<u>3</u>	<u>15</u>
	Total	11	54
2.	Inspections made:	Current	Year to Date
	a. Connections	3	31
	b. Finals	3	20
	c. Repairs	1	7
	d. Disconnects	1	14
	f. Walk-Thru	0	0
	g. Pre-connections	0	2
	h. Overhead Sewer Program	0	0
	i. Code Enforcement	0	2
	j. Lateral testing	<u>5</u>	<u>25</u>
	Total	13	101
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. 428 Chicago – Single Family Home
- b. 4822 Saratoga – Single Family Home
- c. 1307 Blanchard – Single Family Repair
- d. 4925 Fairview – Commercial Repair
- e. 5905 Fairview – Single Family Septic Conversion
- f. 1953 Hitchcock – Single Family Repair
- g. 5140 Carpenter – Single Family Home

7. Building Sanitary Service Access Agreements:

- a. 4916 Middaugh – Downers Grove
- b. 4507.5 Drendel – Downers Grove
- c. 5905 Fairview – Downers Grove

8. Illinois EPA Permits:

None

9. Miscellaneous:

Swallow Construction has been working on the Venard force main replacement. They have installed most of the new force main. We are waiting for fittings to come from the manufacturer. They are expecting to get the fittings in the middle of July and then complete the project.

DGSD Inspectors have been working with the Village of Downers Grove and Westmont making sure our utilities are being protected and properly repaired during water main and storm projects around the district. This work will continue through the summer.

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

Permits Issued: JUNE 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2024	45	4925	FAIRVIEW	DG	6/5/2024	REPAIR		
2024	46	1307	BLANCHARD	DG	6/5/2024	REPAIR		
2024	43	4953	FAIRVIEW	DG	6/5/2024	COM		\$261.00
2024	35	6130	FAIRVIEW	DG	6/10/2024	SF	\$3,860.50	\$273.00
2024	42	4916	MIDDAUGH	DG	6/10/2024	SF-RB		\$273.00
2024	41	4507.5	DRENDEL	DG	6/13/2024	SF	\$3,560.50	\$273.00
2024	48	428	CHICAGO	DG	6/19/2024	DISCON		
2024	49	5413	LYMAN	DG	6/19/2024	DISCON		
2024	52	4809	CUMNOR	DG	6/26/2024	DISCON		
2024	53	1953	HITCHCOCK	DG	6/26/2024	REPAIR		
2024	47	5905	FAIRVIEW	DG	6/28/2024	SF-SC	\$3,860.50	\$273.00
TOTAL:							\$11,281.50	\$1,353.00

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: JUNE 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2023	10	4510	DOWNERS	DG	6/6/2024
2023	60	5423	BROOKBANK	DG	6/21/2024
2022	107	4919	BELMONT	DG	6/24/2024

Progress Report

To: Amy Underwood, General Manager
From: Reese Berry, Laboratory Supervisor
Date: July 10, 2024
Re: June 2024 Laboratory Report

DGSD had 1 excess flow sampling event during June 2024. DGSD had no permit excursions in June.

Pretreatment:

Arrow Gear permit draft is completed and we're currently reviewing to ensure the accuracy of all information in the draft permit.

Industrial sampling was completed during June 2024 with all permittees maintaining compliance after evaluating the sampling data.

Semi-Annual sampling of Influent, Effluent and Biosolids was completed during June 2024. All data we received was acceptable per our NPDES permit. We also completed sampling of background locations at 2 sampling sites during this sampling. This data is representative of typical residential flows prior to mixing with industrial type flows. We will use this data for future local limits evaluations, when necessary.

We had a meeting with Baxter & Woodman to discuss how we'd like to proceed with pretreatment support for the 2024-2025 Budget Year. We set some parameters and objectives to meet over the coming fiscal year.

Surcharge:

We anticipate surcharge sampling to begin in July this year. We are anticipating a shorter sampling season to accommodate some other projects we need to complete.

Personnel:

We attended a team building workshop during the month of June. I believe this was an opportunity for lab staff to come together and understand we all have similar goals and objectives to accomplish our work requirements at DGSD. I believe this will be a positive experience for our staff moving forward.

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

To: Board of Trustees
From: Amy Underwood
Re: Engineering Report for June 2024
Date: July 12, 2024

A summary of the status of several projects is provided below. The Baxter & Woodman (B&W) project status report dated June 28, 2024, is attached for your information.

I. Planning Projects & Studies

A. Biosolids Processing Improvements

The District met with B&W on July 9 for a status update. B&W is going to prepare 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

Staff responded to a question from the Forest Preserve District of DuPage County about the District's required or preferred pipe materials.

D. Facility Plan

The Work Order with B&W for the Facility Plan was signed on June 19. The District is working with B&W to provide WWTC performance data and sewer condition and overflow data which they will need to complete the facility plan.

II. Design Projects

A. Radio Enhancement

No pay request was made this month.

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

The equipment and parts have been ordered and are expected to arrive in August.

B. 2024 Sewer Rehabilitation (Lining)

Two addenda were issued. The bid opening was moved from July 9 to July 11 to provide more time for bidders to address the items in the addenda. Bids were opened on July 11. Staff will recommend that the Board award the project to the lowest responsive, responsible bidder, Hoerr Construction, at its July 16 meeting.

C. 2024 Sewer Televising

Bids were opened on July 11. Staff will recommend that the Board award the project to the lowest responsive, responsible bidder, Sewertech, at its July 16 meeting.

III. Construction Projects

A. Centex Lift Station Replacement

Berger Excavating Contractors, Inc. submitted Pay Request No. 5 this month. This payment is for work completed between August 2023 and June 2024.

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	-	\$1,053,855.00
H	Current Payment Due	F-G= H		<hr/> \$128,469.80

I	Balance to Finish, including Retainage	C-F=I		\$272,675.20
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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 requested the final payment application from Archon and all closeout documents.

C. Curtiss Street Sewer Lining

I am preparing the required closeout documentation for the grant program.

D. Venard Force Main Replacement

The design fees from B&W for this project totaled \$53,706.11, which is 8% of the construction cost. The B&W expenses this month are for the preconstruction meeting. District Staff are performing the inspection.

Swallow Construction Corporation submitted Pay Request No. 1 this month. This payment is for work completed in June.

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	-	\$0.00
H	Current Payment Due	F-G= H		<hr/> \$365,558.40

I	Balance to Finish, including Retainage	C-F=I		\$303,462.60
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Please refer to the monthly Sewer Construction Progress Report for a status update on the work.

E. SCADA Platform Replacement (Ignition)

Two payment requests from Concentric for this project are included in the July Claim Ordinance. The first finishes the fee budgeted for FY23-24, and the second is for work budgeted under FY24-25. The total of the two requests is shown below.

Engineer's Fee	\$236,300.00
Total Completed to Date	\$164,514.25
Less Previous Payments	<u>-\$159,404.25</u>
Current Payment Due	<u>\$ 5,110.00</u>
Remaining	\$71,785.75

Concentric continues to work on screens for the WWTC and will be starting work on the reporting soon. Staff review of the screens is ongoing.

F. SCADA PLC Replacement

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

Engineer's Fee	\$87,960.00
Total Completed to Date	\$51,391.23
Less Previous Payments	<u>-\$732.50</u>
Current Payment Due	<u>\$50,658.73</u>
Remaining	\$36,568.77

Installation is expected to start in early July.

G. WWTC Gas Detection System

The design fees from B&W for this project totaled \$39,995.04, which is 12.8% of the construction cost.

Connelly Electric has provided the signed agreement, bonds and insurance. The preconstruction meeting will be held on July 15.

C: BOLI, CS, DM

Downers Grove Sanitary District

Client Manager:
Derek Wold
dwold@baxterwoodman.com
815-444-3335

Project Status Report Issued On: 6/28/2024

Project Title/Job	Project Manager	Tasks Completed This Period	Milestones Next Period/ Due Date	Non-Scope Work	Action Items	Estimated Completion
Flow Monitoring Job Number: [0050739.90]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	Update I/I Exhibit. Review weekly uploads.	Assist District with weekly upload reviews. Analyze flow meter data.		None.	12/31/2024
Sewer Modeling (Hobson PS, downtown Downers Grove and Westmont) Job Number: [0071129.30]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	Status communication. Clarify intent is to avoid modeling efforts as much as possible and determine available capacity based on flow meter analysis alone.	None.		None.	12/31/2024
Outfall Sewer Sag CS Job Number: [0180237.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	General Construction Administration, Project Closeout Tasks.	General Construction Administration, Project Closeout			6/30/2024
Centex PS Replacement - CS Job Number: [0181059.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	General Construction Administration and Construction Field Observation. Punch List Items, ComEd Power Discussion Negotiate Project Change Order.	Ongoing GCA and Construction Field Observation Tasks. Punch List Items, Resolve ComEd Power Issue. Complete Project Closeout.			7/31/2024
Curtiss Street CIPP Lining Job Number: [0211126.40]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	General Construction Administration. Generated final balancing change order.	General Construction Administration as needed			7/1/2024
Centex Pump Station Replacement Integration Job Number: [0211367.50]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	We are looking to close out this project, waiting for GC to confirm. We have installed Power monitoring for B&W and passed on information to B&W, LAI and Boller.	Close out project when punch list is finalized and completed.		Closed out Project	3/1/2024

Project Title/Job	Project Manager	Tasks Completed This Period	Milestones Next Period/ Due Date	Non-Scope Work	Action Items	Estimated Completion
Scada Software Platform Repla Ph 1 Job Number: [0211937.00]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	Working through Punchlist Item, from Marc and Amy End of year, used up budget for project. With the Punch list items. Will Start looking a report for Blanket Size, as part of Phase 2	Close out this phase of the project			4/30/2024
SCADA Software Platform Replacement Phase 2 Job Number: [0211937.01]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	Started booking time to the Phase 2 Project, continuing with the Punch list and will follow on to outstanding screens	Start looking at Blanket reports			3/31/2025
WWTP PLC Upgrades Phase 3 Job Number: [0230084.00]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	Completed Kick off meeting with client. Ordered and received PLC equipment. Client has supplied updated drawings from plant modifications Design have completed first round of drawing updates will review Automation is working on the migration of the original software to compact Logix for the Grit PLC.	Start working on migration for Aeration PLC software			12/29/2024
Venard Force Main CS Job Number: [0230402.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	Preconstruction Meeting, Contract Initiation, General Construction Administration	General Construction Administration as needed			11/29/2024
Pretreatment Assist 2024 Job Number: [2325513.01]	Nichie Schaeffer 815-444-3372 nschaeffer@baxterwoodman.com	Work on draft Arrow Gear permit, ready for internal review in June. Scheduled client kickoff meeting.	Meet with District on 6/17/24 for kickoff. Continue with Arrow Gear draft permit. Any new tasks as assigned by the District.	None.	None.	4/30/2025
CGD System CS Job Number: [2325851.01]	Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com	Draft agreements to Connelly.	Schedule Preconstruction meeting and begin construction.			12/31/2024
Biosolids Study Job Number: [2326169.00]	Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com	Ful review of 2007-2014 biogas data.	Collaborate with DGSD to determine next steps.		Waiting for direction from District on how to proceed.	1/1/2024
2024 Miscellaneous Engineering Services Job Number: [2400140.00]	Derek Wold 815-444-3335 dwold@baxterwoodman.com	No work this month.	Assistance as requested.		None.	12/31/2024

Project Title/Job	Project Manager	Tasks Completed This Period	Milestones Next Period/ Due Date	Non-Scope Work	Action Items	Estimated Completion
Wroble Force Main Repair Job Number: [2400581.00]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	Initiated project.	Perform topographical survey. Review existing information. Attend Kick-Off Meeting with the District. Coordinate geotechnical services for soil borings and CCDD testing. Call JULIE Design Stage Locate.		None.	12/31/2024
Outfall CIPP Job Number: [2400754.00]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	Prepared GIS Exhibits. Prepared Project Manual. Prepared QuestCDN account for project advertisement and bidding. Prepared EOPC. Performed internal QAQC reviews. Revised design per District comments. Revised design to include MH H5-001 replacement. Coordinated with Vortex insert vendor.	Assist Bidders. Prepare Addenda, if needed. Review Bidder Qualifications, if needed. Attend Pre-Bid Meeting. Attend Bid Opening. Prepare Award Recommendation.		None.	11/30/2024

DATE 6/30/2024

TOTAL CASH AND INVESTMENTS	\$11,673,000.44
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Board of Trustees

Amy E. Sejnost
President

Jeremy M. Wang
Vice President

Mark Eddington, P.E.
Clerk



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

General Manager

Amy R. Underwood, P.E.

Legal Counsel

Daniel McCormick, P.C.

Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees
From: Amy R. Underwood, General Manager
Date: July 12, 2024
Subject: Treasurer's Report for June 2024

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

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

Year-to-date	Income	Expenses
General Fund	\$ 2,913,443.84 (page 1)	\$ 1,800,062.78 (page 6)
Improvement Fund	\$ 7,441.36 (page 7)	\$ 737.50 (page 8)
Construction Fund	\$ 21,171.65 (page 9)	\$ 2,955.00 (page 10)
Public Benefit Fund	\$ 0.00 (page 11)	\$ 0.00 (page 11)
TOTAL	\$ 2,942,056.82	\$ 1,803,755.28

Collection of grease waste revenue, which appears under 05.3027 in the General Fund revenue, is significantly behind. The grease haulers were notified of the District's address change, but many have continued to send their payments to the closed P.O. Box. As explained in Administrative Supervisor Shaw's monthly report, forwarding of mail sent to the P.O. Box has not been smooth.

The District has received the LARPA grant payment from DuPage County. This income, which was used to reimburse the District for part of the outfall sag repair project, appears under 05.3094, Grants and Incentives, in the attached Treasurer's Report.

C: BOLI, DM, CS

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Fund number & Description	Ending Fund Balance

Fund 01 : GENERAL FUND	\$8,334,079.02
Fund 02 : IMPROVEMENT FUND	\$1,477,341.94
Fund 03 : CONSTRUCTION FUND	\$1,839,430.10
Fund 05 : PUBLIC BENEFIT FUND	\$37,817.83
Recap Totals	<hr/> \$11,688,668.89

TREASURER'S REPORT

DATE 07/02/24
FUND 01 GENERAL FUND

MONTH ENDED 06/30/24

PAGE 1

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	BUDGET	VAR	TOTAL
			CURRENT	CURRENT				
			MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%
=====								
DEPT 05	REVENUES							
3000	PROPERTY TAXES		658,412.14-	748,441-	791,041.26-	748,441-	42,600.26-	5.7
3001	USER RECEIPTS		320,608.32-	321,838-	593,963.80-	613,722-	19,758.20	3.2-
3002	SURCHARGES		30,281.65-	32,442-	54,622.34-	61,867-	7,244.66	11.7-
3004	PLAN REVIEW FEES		.00	0	.00	125-	125.00	100.0-
3005	CONSTRUCTION INSPECTION FEES		.00	0	.00	120-	120.00	100.0-
3006	PERMIT INSPECTION FEES		1,080.00-	1,600-	1,899.00-	3,200-	1,301.00	40.7-
3007	INTEREST ON INVESTMENTS		35,641.00-	6,500-	75,116.12-	13,000-	62,116.12-	477.8
3013	SAMPLING AND MONITORING		9,540.04-	11,370-	22,023.29-	19,900-	2,123.29-	10.7
3014	REPLACEMENT TAXES		.00	0	31,442.91-	17,300-	14,142.91-	81.8
3015	MISCELLANEOUS INCOME		115.00-	400-	444.01-	800-	355.99	44.5-
3016	SALE OF ELECTRICITY		.00	2,000-	.00	4,000-	4,000.00	100.0-
3020	SALE OF PROPERTY		.00	15,000-	994.00-	19,000-	18,006.00	94.8-
3021	TELEVISION INSPECTION		.00	0	.00	0	.00	.0
3023	PROPERTY LEASE PAYMENTS		3,288.81-	3,400-	6,577.62-	6,800-	222.38	3.3-
3024	MONTHLY SERVICE FEES		399,158.68-	405,015-	784,180.87-	810,030-	25,849.13	3.2-
3027	GREASE WASTE		3,528.00-	17,000-	20,032.02-	34,000-	13,967.98	41.1-
3035	INTERFUND TRANSFER		.00	0	.00	0	.00	.0
3040	RENEWABLE ENERGY CREDITS		21,225.60-	0	21,225.60-	0	21,225.60-	.0
3094	GRANTS AND INCENTIVES		509,881.00-	0	509,881.00-	0	509,881.00-	.0
=====								
DEPT 05 TOTALS			1,992,760.24-	1,565,006-	2,913,443.84-	2,352,305-	561,138.84-	23.9
=====								
FUND REVENUE TOTAL			1,992,760.24-	1,565,006-	2,913,443.84-	2,352,305-	561,138.84-	23.9
=====								
DEPT 11	O & M EXPENSES - ADMINISTRATION							
SECT A	SALARIES AND WAGES							
A001	TRUSTEES		.00	0	3,597.50	4,500	902.50-	20.1-
A002	BOLI		.00	0	.00	225	225.00-	100.0-
A003	GENERAL MANAGEMENT		20,843.82	22,320	53,109.53	55,790	2,680.47-	4.8-
A004	FINANCIAL RECORDS		18,143.73	21,170	45,488.64	52,920	7,431.36-	14.0-
A005	ADMINISTRATIVE RECORDS		2,154.11	2,410	6,599.83	6,020	579.83	9.6
A006	ENGINEERING		.00	90	142.47	230	87.53-	38.1-
A007	CODE ENFORCEMENT		28,493.93	25,730	67,779.27	64,330	3,449.27	5.4
A008	SAFETY ACTIVITIES		3,758.78	4,220	14,149.86	10,560	3,589.86	34.0
A030	BUILDING AND GROUNDS		.00	660	475.08	1,650	1,174.92-	71.2-
=====								
SECT A TOTALS			73,394.37	76,600	191,342.18	196,225	4,882.82-	2.5-
=====								
SECT B	OPERATIONS AND MAINTENANCE							
B100	ELECTRICITY		.00	900	.00	1,800	1,800.00-	100.0-
B101	NATURAL GAS		85.75	200	238.44	400	161.56-	40.4-
B102	WATER, GARBAGE AND OTHER UTILITIES		.00	0	85.84	200	114.16-	57.1-
B110	BANK CHARGES		28.70	1,000	57.60	2,000	1,942.40-	97.1-
B112	COMMUNICATION		1,976.70	2,400	3,931.76	4,800	868.24-	18.1-
B113	EMERGENCY/SAFETY EQUIPMENT		44.82	1,800	4,772.37	4,500	272.37	6.1
B115	EQUIPMENT/EQUIPMENT REPAIR		5,840.62	23,750	22,968.60	61,500	38,531.40-	62.7-

TREASURER'S REPORT

DATE 07/02/24

MONTH ENDED 06/30/24

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		580.60	700	1,036.70	1,400	363.30-	26.0-	7,500
B117	EMPLOYEE/DUTY COSTS		1,103.30	2,000	2,962.18	4,000	1,037.82-	26.0-	23,500
B118	BUILDING AND GROUNDS		1,817.35	5,000	3,015.65	10,000	6,984.35-	69.8-	56,200
B119	POSTAGE		11.90	1,000	1,019.40	2,000	980.60-	49.0-	9,200
B120	PRINTING/PHOTOGRAPHY		380.58	7,000	8,652.81	8,000	652.81	8.2	14,500
B121	USER BILLING MATERIALS		6,436.62	7,000	12,712.65	14,000	1,287.35-	9.2-	83,000
B124	CONTRACT SERVICES		13,770.10	29,000	18,002.33	59,000	40,997.67-	69.5-	348,800
B137	MEMBERSHIPS/SUBSCRIPTIONS		60.00	0	494.40	900	405.60-	45.1-	8,900
=====									
SECT B TOTALS			32,137.04	81,750	79,950.73	174,500	94,549.27-	54.2-	923,400
=====									
SECT C VEHICLES									
C222	GAS/FUEL		.00	300	162.76	600	437.24-	72.9-	3,100
C225	OPERATION/REPAIR		.00	0	10.25	700	689.75-	98.5-	2,700
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	28,000
=====									
SECT C TOTALS			.00	300	173.01	1,300	1,126.99-	86.7-	33,800
=====									
=====									
DEPT 11 TOTALS			105,531.41	158,650	271,465.92	372,025	100,559.08-	27.0-	1,971,900
=====									
DEPT 12 O & M EXPENSES - WWTC									
=====									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		139.62	610	1,706.79	1,520	186.79	12.3	7,900
A009	OPERATIONS MANAGEMENT		10,380.30	9,420	20,359.57	23,540	3,180.43-	13.5-	122,400
A010	MAINTENANCE - BUDGET		.00	53,510	.00	133,770	16,926.81-	12.7-	695,600
A011	MAINTENANCE - WWTC		29,525.79	0	73,432.22	0	.00	.0	0
A012	MAINTENANCE - VEHICLES		84.62	0	84.62	0	.00	.0	0
A013	MAINTENANCE - ENERGY RECOVERY		326.40	0	865.08	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL		16,935.95	0	42,461.27	0	.00	.0	0
A020	WWTC - BUDGET		.00	47,270	.00	118,170	3,973.88	3.4	614,500
A021	WWTC - OPERATIONS		31,319.96	0	85,703.40	0	.00	.0	0
A022	WWTC - SLUDGE HANDLING		15,201.95	0	35,281.00	0	.00	.0	0
A023	WWTC - ENERGY RECOVERY		609.16	0	1,159.48	0	.00	.0	0
A030	BUILDING AND GROUNDS		8,408.64	5,590	21,852.50	13,980	7,872.50	56.3	72,700
=====									
SECT A TOTALS			112,932.39	116,400	282,905.93	290,980	8,074.07-	2.8-	1,513,100
=====									
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		138.97	11,000	368.46	22,000	21,631.54-	98.3-	145,000
B101	NATURAL GAS		330.77	700	921.03	1,600	678.97-	42.4-	12,500
B102	WATER, GARBAGE AND OTHER UTILITIES		1,694.91	3,000	4,427.85	8,000	3,572.15-	44.7-	43,500
B103	ODOR CONTROL		.00	400	.00	800	800.00-	100.0-	4,000
B104	FUEL - GENERATORS		.00	0	.00	4,000	4,000.00-	100.0-	14,500
B112	COMMUNICATION		1,535.90	2,000	3,019.27	4,000	980.73-	24.5-	22,500
B113	EMERGENCY/SAFETY EQUIPMENT		1,202.50	4,000	1,768.43	8,000	6,231.57-	77.9-	38,200
B116	SUPPLIES		1,531.45	2,800	3,969.75	5,800	1,830.25-	31.6-	33,800
B117	EMPLOYEE/DUTY COSTS		833.05	3,000	4,224.85	6,000	1,775.15-	29.6-	34,500
B124	CONTRACT SERVICES		204,234.00	204,300	204,234.00	204,300	66.00-	.0	204,300

TREASURER'S REPORT

DATE 07/02/24

MONTH ENDED 06/30/24

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	.00	0	.00	.0	53,000
B131	SLUDGE HAULING/DISPOSAL SERVICES		.00	0	.00	0	.00	.0	135,000
B400	CHEMICALS - BUDGET		.00	25,000	.00	50,000	31,441.87-	62.9-	246,500
B401	CHEMICALS - DISINFECTION		14,448.00	0	14,448.00	0	.00	.0	0
B402	CHEMICALS - SLUDGE DEWATERING		3,074.04	0	3,074.04	0	.00	.0	0
B404	CHEMICALS - OTHER		884.13	0	1,036.09	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS		3,444.24	226,000	3,459.08	229,000	225,540.92-	98.5-	275,400
B502	EQPT/EQPT REPAIR - DISINFECTION		2,063.33	2,500	2,063.33	5,000	2,936.67-	58.7-	58,400
B503	EQPT/EQPT REPAIR - EXCESS FLOW		.00	5,000	.00	10,000	10,000.00-	100.0-	60,400
B504	EQPT/EQPT REPAIR - GRIT REMOVAL		.00	1,500	.00	3,000	3,000.00-	100.0-	47,000
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING		7,012.56	10,500	7,291.53	16,400	9,108.47-	55.5-	78,400
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT		58.24	25,200	1,156.91	27,900	26,743.09-	95.9-	151,600
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT		907.40	55,400	907.40	62,700	61,792.60-	98.6-	191,700
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION		.00	5,300	.00	5,800	5,800.00-	100.0-	20,700
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING		1,202.97	2,500	1,628.95	5,000	3,371.05-	67.4-	30,000
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION		8,630.92	6,500	8,630.92	13,000	4,369.08-	33.6-	103,000
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT		1,199.63	50,500	4,011.20	52,900	48,888.80-	92.4-	128,900
B512	EQPT/EQPT REPAIR - WWTC GENERAL		3,239.00	5,000	5,336.62	10,000	4,663.38-	46.6-	55,200
B513	EQPT/EQPT REPAIR - WWTC UTILITIES		61,801.55	26,000	65,992.53	52,000	13,992.53	26.9	831,800
B801	BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS		.00	25	.00	50	50.00-	100.0-	300
B802	BLDG AND GROUNDS - DISINFECTION		153.28	800	194.47	1,600	1,405.53-	87.9-	8,600
B803	BLDG AND GROUNDS - EXCESS FLOW		.00	800	.00	1,400	1,400.00-	100.0-	9,000
B804	BLDG AND GROUNDS - GRIT REMOVAL		51.67	500	51.67	1,000	948.33-	94.8-	5,900
B805	BLDG AND GROUNDS - INFLUENT PUMPING		135.00	2,000	135.00	4,000	3,865.00-	96.6-	23,000
B807	BLDG AND GROUNDS - SECONDARY TREATMENT		.00	200	23.48	500	476.52-	95.3-	1,600
B809	BLDG AND GROUNDS - SLUDGE DEWATERING		.00	700	.00	1,300	1,300.00-	100.0-	7,700
B810	BLDG AND GROUNDS - SLUDGE DIGESTION		103.34	600	103.34	1,200	1,096.66-	91.4-	6,800
B811	BLDG AND GROUNDS - TERTIARY TREATMENT		7.19	2,000	7.19	4,000	3,992.81-	99.8-	51,600
B812	BLDG AND GROUNDS - WWTC GENERAL		13,683.52	25,000	16,686.27	49,000	32,313.73-	66.0-	436,400
B813	BLDG AND GROUNDS - WWTC UTILITIES		.00	400	.00	800	800.00-	100.0-	4,400
=====									
SECT B TOTALS			333,601.56	711,125	359,171.66	872,050	512,878.34-	58.8-	3,575,100
=====									
SECT C VEHICLES									
C222	GAS/FUEL		.00	2,500	2,271.68	5,000	2,728.32-	54.6-	27,000
C225	OPERATION/REPAIR		263.52	700	652.01	1,400	747.99-	53.4-	7,000
C226	VEHICLE PURCHASES		.00	99,800	.00	99,800	99,800.00-	100.0-	104,800
=====									
SECT C TOTALS			263.52	103,000	2,923.69	106,200	103,276.31-	97.3-	138,800
=====									
DEPT 12 TOTALS									
			446,797.47	930,525	645,001.28	1,269,230	624,228.72-	49.2-	5,227,000
=====									
DEPT 13 O & M EXPENSES - LABORATORY									
SECT A SALARIES AND WAGES									
A009	OPERATIONS MANAGEMENT		7,582.80	5,620	19,411.04	14,040	5,371.04	38.3	73,000
A040	LABORATORY - BUDGET		.00	17,380	.00	43,450	7,629.49-	17.6-	225,900
A041	LAB - WWTC		12,444.33	0	31,590.71	0	.00	.0	0
A042	LAB - PRETREATMENT		861.60	0	2,578.87	0	.00	.0	0

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NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
A043	LAB - SURCHARGE PROGRAM		.00	0	56.94	0	.00	.0	0
A045	LAB - SOLIDS		113.87	0	113.87	0	.00	.0	0
A046	LAB - AMMONIA		56.94	0	56.94	0	.00	.0	0
A047	LAB - MICRO		113.87	0	257.07	0	.00	.0	0
A048	LAB - ENERGY RECOVERY		433.59	0	1,166.11	0	.00	.0	0
=====									
SECT A TOTALS			21,607.00	23,000	55,231.55	57,490	2,258.45-	3.9-	298,900
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		218.03	300	486.05	600	113.95-	19.0-	3,000
B114	CHEMICALS		1,609.93	2,300	2,948.05	4,700	1,751.95-	37.3-	27,700
B115	EQUIPMENT/EQUIPMENT REPAIR		150.46	5,000	172.34	10,000	9,827.66-	98.3-	52,000
B116	SUPPLIES		1,622.50	3,000	2,442.69	6,000	3,557.31-	59.3-	29,700
B117	EMPLOYEE/DUTY COSTS		163.42	1,000	715.18	2,000	1,284.82-	64.2-	8,000
B122	MONITORING EQUIPMENT		.00	0	.00	2,500	2,500.00-	100.0-	9,700
B123	OUTSIDE LAB SERVICES		440.40	4,300	1,778.00	8,600	6,822.00-	79.3-	51,500
B124	CONTRACT SERVICES		.00	6,300	377.50	12,600	12,222.50-	97.0-	75,000
=====									
SECT B TOTALS			4,204.74	22,200	8,919.81	47,000	38,080.19-	81.0-	256,600
=====									
SECT C VEHICLES									
C222	GAS/FUEL		.00	100	51.80	200	148.20-	74.1-	1,000
C225	OPERATION/REPAIR		8.33	0	18.68	250	231.32-	92.5-	1,000
=====									
SECT C TOTALS			8.33	100	70.48	450	379.52-	84.3-	2,000
=====									
DEPT 13 TOTALS			25,820.07	45,300	64,221.84	104,940	40,718.16-	38.8-	557,500
=====									
DEPT 14 O & M EXPENSES - SEWER SYSTEM									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		1,135.96	380	2,085.76	940	1,145.76	121.9	4,900
A050	SEWER MAINTENANCE - BUDGET		.00	23,200	.00	58,000	6,468.22	11.2	301,600
A051	SEWER MAINTENANCE		24,181.69	0	62,343.14	0	.00	.0	0
A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS		800.00	0	2,125.08	0	.00	.0	0
A060	INSPECTION - BUDGET		.00	18,150	.00	45,360	7,924.39-	17.5-	235,900
A061	INSPECTION - NEW CONSTRUCTION		.00	0	217.14	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS		3,175.74	0	7,385.95	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS		2,524.60	0	6,505.14	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS		1,808.70	0	3,226.17	0	.00	.0	0
A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES		3,501.53	0	6,560.61	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT		4,586.69	0	13,540.60	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET		.00	1,580	.00	3,960	3,209.58-	81.1-	20,600
A072	SEWER INVESTIGATIONS		291.83	0	750.42	0	.00	.0	0
=====									
SECT A TOTALS			42,006.74	43,310	104,740.01	108,260	3,519.99-	3.3-	563,000
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		688.98	800	1,451.31	1,600	148.69-	9.3-	9,500

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NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
B113	EMERGENCY/SAFETY EQUIPMENT		.00	250	7.64	500	492.36-	98.5-	3,000
B115	EQUIPMENT/EQUIPMENT REPAIR		2,099.30	38,000	6,757.19	51,000	44,242.81-	86.8-	74,500
B116	SUPPLIES		58.95	400	105.37	800	694.63-	86.8-	4,700
B117	EMPLOYEE/DUTY COSTS		531.28	1,800	2,626.25	3,600	973.75-	27.1-	21,500
B124	CONTRACT SERVICES		.00	0	.00	0	.00	.0	105,000
B127	JULIE SYSTEM		.00	0	4,005.36	4,000	5.36	.1	16,400
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM		.00	2,000	.00	4,000	4,000.00-	100.0-	15,000
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE		.00	1,000	350.00	2,000	1,650.00-	82.5-	12,000
B900	SEWER SYSTEM REPAIRS - BUDGET		.00	275,000	.00	305,100	61,793.61-	20.3-	3,055,100
B901	SEWER SYSTEM REPAIRS - I/I PROGRAM		184,676.40	0	184,676.40	0	.00	.0	0
B902	SEWER SYSTEM REPAIRS - REPLACEMENT		540.00	0	540.00	0	.00	.0	0
B903	SEWER SYSTEM REPAIRS - REHABILITATION		503.75	0	503.75	0	.00	.0	0
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM		54,355.73	0	53,281.34	0	.00	.0	0
B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R		4,304.90	0	4,304.90	0	.00	.0	0
=====									
SECT B TOTALS			247,759.29	319,250	258,609.51	372,600	113,990.49-	30.6-	3,316,700
=====									
SECT C VEHICLES									
C222	GAS/FUEL		.00	1,700	2,207.01	3,400	1,192.99-	35.1-	20,000
C225	OPERATION/REPAIR		8.33	1,300	504.31	2,600	2,095.69-	80.6-	15,000
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	114,500
=====									
SECT C TOTALS			8.33	3,000	2,711.32	6,000	3,288.68-	54.8-	149,500
=====									
DEPT 14 TOTALS									
			289,774.36	365,560	366,060.84	486,860	120,799.16-	24.8-	4,029,200
=====									
DEPT 15 O & M EXPENSES - LIFT STATIONS									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		142.47	380	332.43	940	607.57-	64.6-	4,900
A009	OPERATIONS MANAGEMENT		1,208.88	120	2,555.29	280	2,275.29	812.6	1,500
A030	BUILDING AND GROUNDS		169.24	190	529.49	460	69.49	15.1	2,400
A080	LIFT STATION MAINTENANCE		896.71	1,730	2,505.31	4,300	1,794.69-	41.7-	22,400
=====									
SECT A TOTALS			2,417.30	2,420	5,922.52	5,980	57.48-	1.0-	31,200
=====									
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		10,916.68	17,000	25,145.74	34,000	8,854.26-	26.0-	200,000
B104	FUEL - GENERATORS		.00	0	.00	1,200	1,200.00-	100.0-	4,600
B112	COMMUNICATION		305.53	500	611.06	1,000	388.94-	38.9-	5,000
B113	EMERGENCY/SAFETY EQUIPMENT		.00	0	.00	800	800.00-	100.0-	2,200
B116	SUPPLIES		.00	0	172.74	100	72.74	72.7	400
B124	CONTRACT SERVICES		.00	100	.00	200	200.00-	100.0-	500
B520	EQPT/EQPT REPAIR - BUTTERFIELD		.00	700	.00	1,400	1,400.00-	100.0-	7,700
B521	EQPT/EQPT REPAIR - CENTEX		.00	400	20.18	800	779.82-	97.5-	3,800
B522	EQPT/EQPT REPAIR - COLLEGE		.00	8,700	580.00	8,900	8,320.00-	93.5-	20,200
B523	EQPT/EQPT REPAIR - EARLSTON		.00	2,700	.00	5,300	5,300.00-	100.0-	31,300
B524	EQPT/EQPT REPAIR - HOBSON		40.97	1,400	514.46	2,800	2,285.54-	81.6-	101,700
B525	EQPT/EQPT REPAIR - LIBERTY PARK		.00	100	20.18	1,200	1,179.82-	98.3-	4,200

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		ACTUAL	BUDGET			ACTUAL-		
COST		CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
=====								
B526	EQPT/EQPT REPAIR - NORTHWEST	.00	3,000	.00	3,100	3,100.00-	100.0-	8,600
B527	EQPT/EQPT REPAIR - VENARD	46.85	1,400	620.91	2,800	2,179.09-	77.8-	15,900
B528	EQPT/EQPT REPAIR - WROBLE	.00	1,300	473.49	2,600	2,126.51-	81.8-	15,500
B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	.00	5,200	60.92	10,400	10,339.08-	99.4-	62,700
B820	BLDG AND GROUNDS - BUTTERFIELD	229.35	0	305.93	0	305.93	.0	0
B821	BLDG AND GROUNDS - CENTEX	191.45	0	268.03	0	268.03	.0	0
B822	BLDG AND GROUNDS - COLLEGE	.00	0	.00	0	.00	.0	5,000
B823	BLDG AND GROUNDS - EARLSTON	191.45	8,000	268.03	8,000	7,731.97-	96.7-	20,800
B824	BLDG AND GROUNDS - HOBSON	251.60	5,400	328.18	5,400	5,071.82-	93.9-	57,800
B825	BLDG AND GROUNDS - LIBERTY PARK	246.05	0	322.63	0	322.63	.0	0
B826	BLDG AND GROUNDS - NORTHWEST	288.40	0	364.98	0	364.98	.0	20,000
B827	BLDG AND GROUNDS - VENARD	191.45	0	268.03	0	268.03	.0	0
B828	BLDG AND GROUNDS - WROBLE	246.05	4,200	322.63	4,200	3,877.37-	92.3-	8,400
B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL	.00	3,300	.00	6,300	6,300.00-	100.0-	31,300
=====								
SECT B TOTALS		13,145.83	63,400	30,668.12	100,500	69,831.88-	69.5-	627,600
=====								
=====								
DEPT 15 TOTALS		15,563.13	65,820	36,590.64	106,480	69,889.36-	65.6-	658,800
=====								
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS								
SECT E INSURANCE AND EMPLOYEE BENEFITS								
E452	LIABILITY/PROPERTY	8,430.00	0	246,393.00	242,000	4,393.00	1.8	242,000
E455	EMPLOYEE GROUP HEALTH	45,978.70	49,000	87,653.70	98,000	10,346.30-	10.6-	587,500
E460	IMRF	20,933.23	14,550	34,677.47	35,890	1,212.53-	3.4-	194,000
E461	SOCIAL SECURITY	18,918.30	19,230	47,998.09	47,440	558.09	1.2	256,500
=====								
SECT E TOTALS		94,260.23	82,780	416,722.26	423,330	6,607.74-	1.6-	1,280,000
=====								
=====								
DEPT 17 TOTALS		94,260.23	82,780	416,722.26	423,330	6,607.74-	1.6-	1,280,000
=====								
DEPT 91 SA EXPENSE								
=====								
DEPT 91 TOTALS		.00	0	.00	0	.00	0	
=====								
FUND EXPENSE TOTAL		977,746.67	1,648,635	1,800,062.78	2,762,865	962,802.22-	34.9-	13,724,400
=====								
FUND 01 TOTALS		1,015,013.57-	83,629	1,113,381.06-	410,560	1,523,941.06-	371.2-	2,644,750

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FUND 02 IMPROVEMENT 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		1,385.86-	1,300-	2,807.50-	2,600-	15,400-
3010	TRUNK SEWER SERVICE CHARGES		2,762.64-	7,500-	4,633.86-	15,000-	90,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	750,000-
=====							
DEPT 05	TOTALS		4,148.50-	8,800-	7,441.36-	17,600-	855,400-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	0	93,200
=====							
DEPT 30	TOTALS		.00	0	.00	0	93,200
=====							
DEPT 36	CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE						
=====							
DEPT 36	TOTALS		.00	0	.00	0	0
=====							
DEPT 41	CAPITAL EXP - BUTTERFIELD LIFT STATION UPGRADE						
=====							
DEPT 41	TOTALS		.00	0	.00	0	0
=====							
DEPT 42	CAPITAL EXP - COLLEGE LIFT STATION UPGRADE						
=====							
DEPT 42	TOTALS		.00	0	.00	0	0
=====							
DEPT 47	CAPITAL EXP - CENTEX LIFT STATION UPGRADE						
=====							
DEPT 47	TOTALS		.00	0	.00	0	0
=====							
DEPT 48	CAPITAL - VENARD LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	40,000	.00	40,000	845,000
0502	DESIGN ENGINEERING/ARCHITECTURAL		737.50	0	737.50	0	0
=====							
DEPT 48	TOTALS		737.50	40,000	737.50	40,000	845,000
=====							
DEPT 49	CAPITAL EXP - WROBLE LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	0	26,000
=====							
DEPT 49	TOTALS		.00	0	.00	0	26,000
=====							
DEPT 74	CAPITAL EXP - SEWER - UNSEWERED AREAS						
0500	PROJECT BUDGET		.00	0	.00	500	500

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FUND 02 IMPROVEMENT FUND

FUND 02 IMPROVEMENT FUND

COST		ACTUAL	BUDGET			
NUMBER	DESCRIPTION	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
		MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====						
=====						
DEPT 74 TOTALS		.00	0	.00	500	500
=====						
FUND EXPENSE TOTAL		737.50	40,000	737.50	40,500	964,700
=====						
FUND 02 TOTALS		3,411.00-	31,200	6,703.86-	22,900	109,300
=====						

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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		2,861.52-	2,000-	5,729.65-	4,000-	23,100-
3009	SEWER PERMIT FEES		7,721.00-	20,900-	15,442.00-	41,800-	250,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	400,000-
=====							
DEPT 05	TOTALS		10,582.52-	22,900-	21,171.65-	45,800-	673,100-
=====							
DEPT 20	CAPITAL EXP - WWTC - GAS DETECTION/ALARMING						
0500	PROJECT BUDGET		.00	18,000	.00	18,000	444,000
=====							
DEPT 20	TOTALS		.00	18,000	.00	18,000	444,000
=====							
DEPT 21	CAPITAL EXP - WWTC - BIOSOLIDS IMPROVEMENTS						
0500	PROJECT BUDGET		.00	20,000	.00	20,000	447,500
0501	REPORT ENGINEERING/ARCHITECTURAL		2,955.00	0	2,955.00	0	0
=====							
DEPT 21	TOTALS		2,955.00	20,000	2,955.00	20,000	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						

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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		2,955.00	38,000	2,955.00	38,000	1,255,400
=====							
FUND 03	TOTALS		7,627.52-	15,100	18,216.65-	7,800-	582,300
=====							

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 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

TREASURER'S REPORT

DATE 07/02/24 MONTH ENDED 06/30/24 PAGE 12
 FUND 71 SEWER EXTENSIONS ESCROW

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 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



PLUMBING CONTRACTORS ASSOCIATION of GREATER CHICAGO

603 ROGERS STREET, SUITE 2, DOWNERS GROVE, ILLINOIS 60515 PH. 312-563-9526 FX. 630-960-5487

plumbingcouncil.org/pca

June 21, 2024

Amy Underwood, General Manager
Downers Grove Sanitary District
2710 Curtiss Street
Downers Grove, Illinois 60515-0703

Dear Ms. Underwood:

Our organization, the *Plumbing Contractors Association (PCA) of Greater Chicago*, had the outstanding opportunity last week (June 13) for a number of our members to take a guided tour of the Downers Grove Sanitary District. This letter of thanks is well-deserved and appropriate as a result of the top-notch experience we were treated to due to your fine staff and fascinating facility.

The group was led through the DGSD by Marc Majewski, whose knowledge and explanations of every aspect of the DGSD were both admirable and reassuring. We also were fortunate to rely on the input of Nick Whitefleet, who likewise answered many questions and helped put the facility into perspective. Since we'd met with Marc a number of months prior and accompanied him on an abbreviated "pre-tour," he was aware that the attendees would be comprised of industry professionals – *including licensed plumbers, contractors, inspectors, instructors, suppliers and manufacturers* – and he subsequently tailored the content and tour length to address that fact.

From the opening "welcome" (where we gathered prior to our guided excursion) to the post-tour on-site luncheon, everyone was accommodating, friendly and helpful. It's obvious that your staff is justifiably dedicated and proud of their work and the service to the community the DGSD provides.

Lastly, since our tour took place, Plumbers' Local 130 (our signatory partner covering the 17 counties that the PCA serves) after seeing our post-event news bulletin coverage and slide show reached out to us on behalf of the training program to obtain contact information for the DGSD to inquire about scheduling a tour for the apprentices. I assured them they will not be disappointed!

Thank you again.

Sincerely,

S.J. Peters
Executive Director
PCA of Greater Chicago & The Plumbing Council

Cc: Kelly Castrogiovanni – PCA President (Terry Plumbing Co.)
Brian Kennedy – Plumbing Council Chair (Gehrett Plumbing)
Marc Majewski, Downers Grove Sanitary District – Operations Supervisor

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Wastewater Report, June 2024

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

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

Catchment Information

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

SARS-CoV-2 LEVELS IN WASTEWATER

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

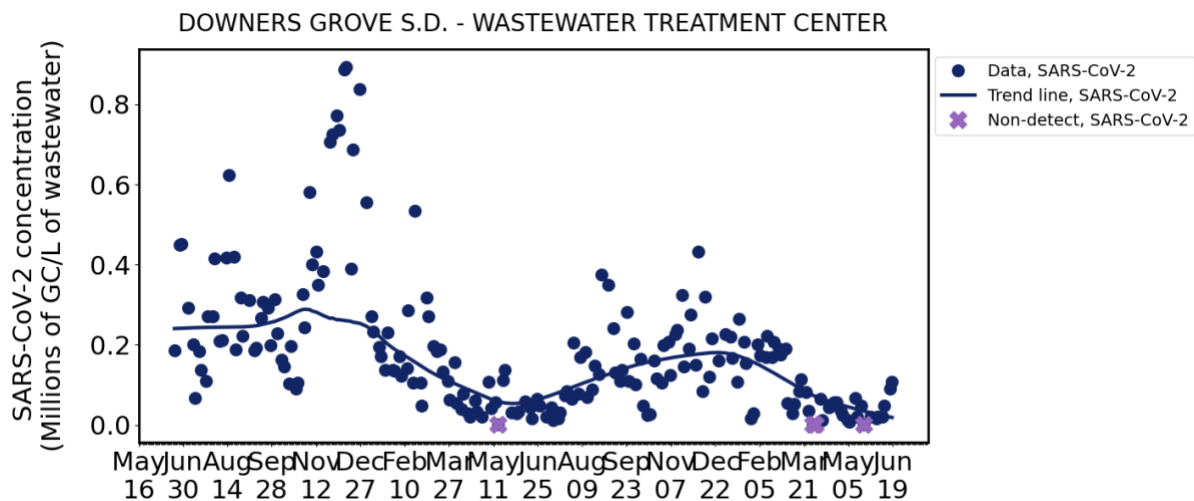


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater.

SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)
2024-06-19	107,550

2024-06-17	89,550
2024-06-11	47,925
2024-06-09	19,875
2024-06-04	20,775
2024-06-03	15,975
2024-05-28	20,700
2024-05-21	Non-detect

SARS-CoV-2 LINEAGES IN WASTEWATER

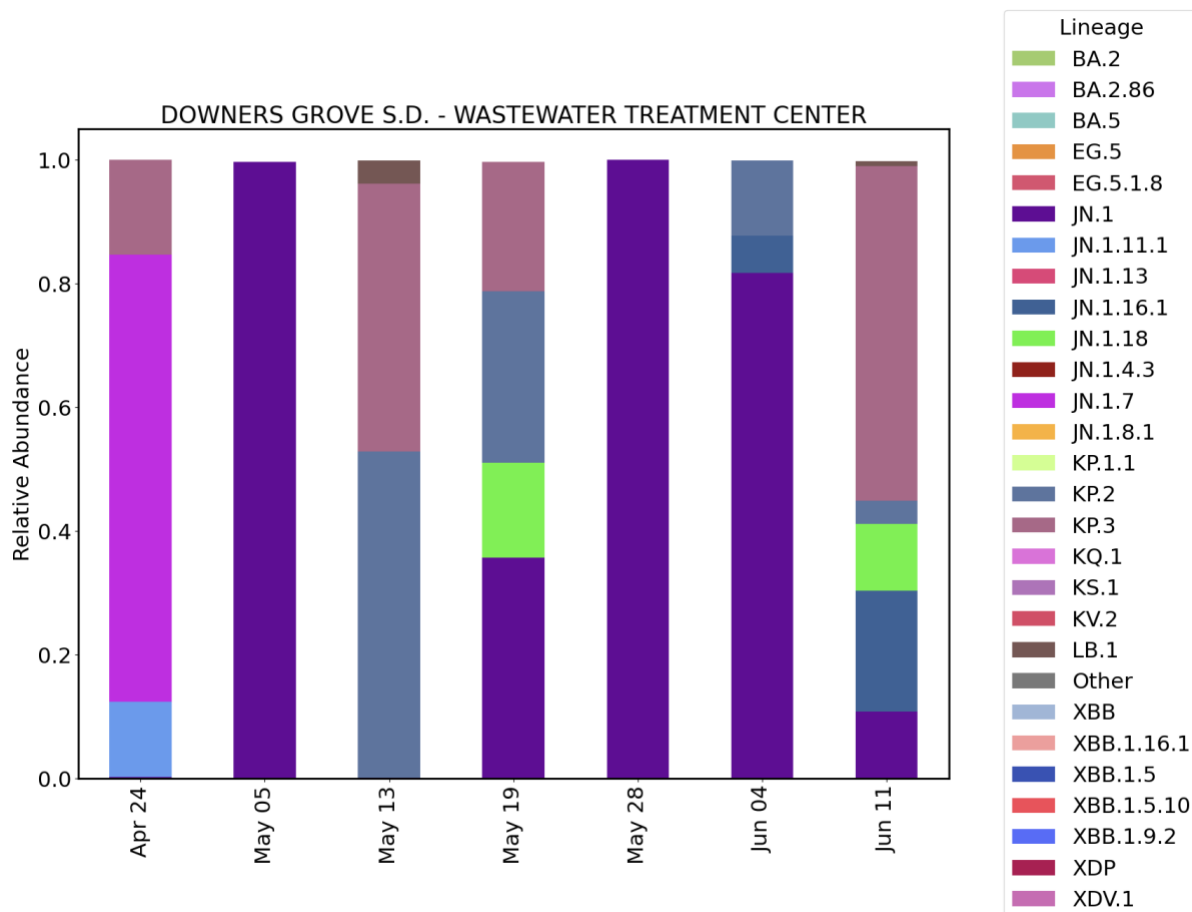


Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.

INFLUENZA A/B LEVELS IN WASTEWATER

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

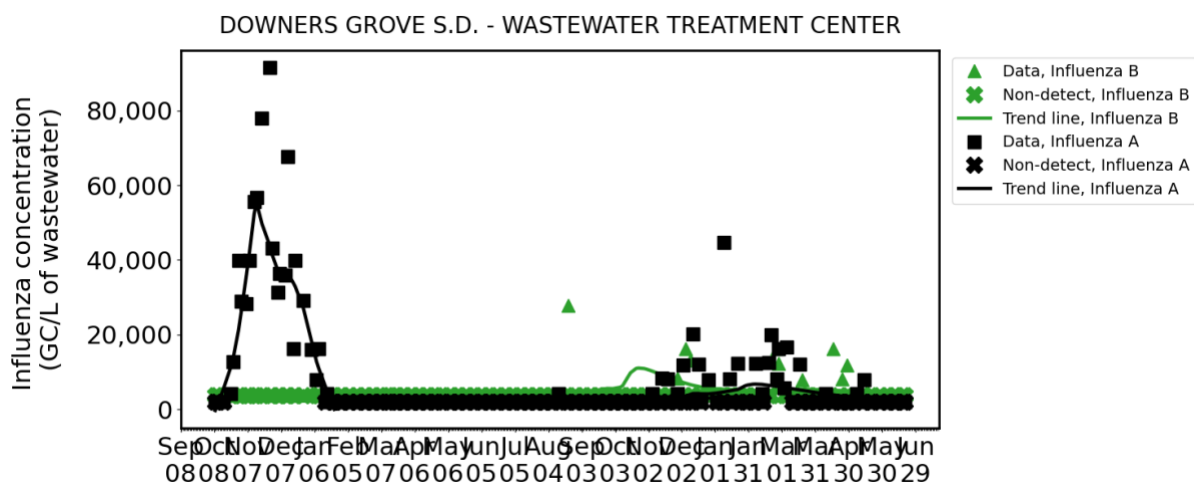


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater.

INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2024-06-19	Non-detect	Non-detect
2024-06-17	Non-detect	Non-detect
2024-06-11	Non-detect	Non-detect
2024-06-09	Non-detect	Non-detect
2024-06-04	Non-detect	Non-detect
2024-06-03	Non-detect	Non-detect
2024-05-28	Non-detect	Non-detect
2024-05-21	Non-detect	Non-detect

RSV LEVELS IN WASTEWATER

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

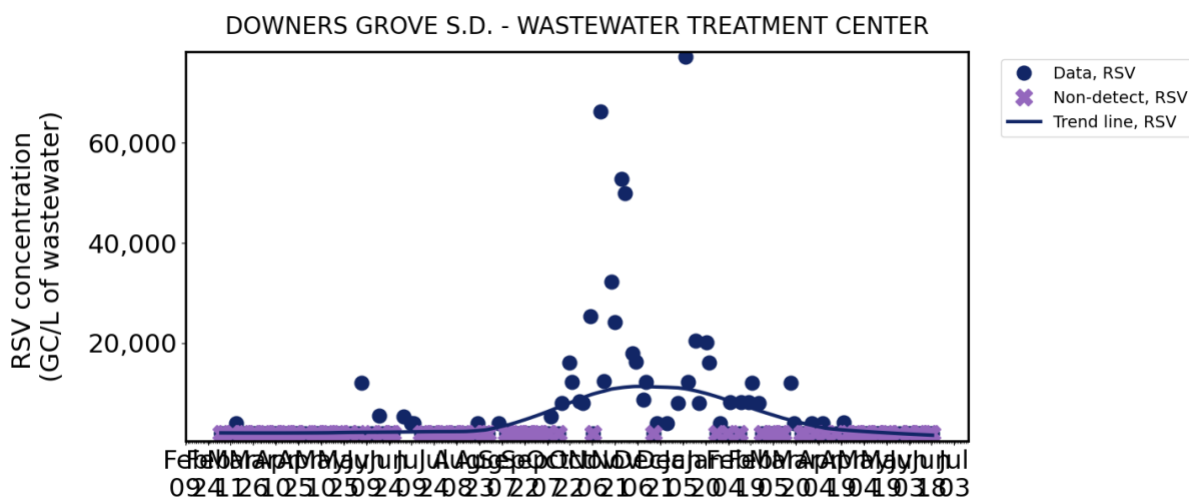


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater.

RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2024-06-19	Non-detect
2024-06-17	Non-detect
2024-06-11	Non-detect
2024-06-09	Non-detect
2024-06-04	Non-detect
2024-06-03	Non-detect
2024-05-28	Non-detect
2024-05-21	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

June 28, 2024

Personnel

Jackie Hawking accepted the position for the temporary Sewer System Clerical Worker. Her first day is July 8.

Workshop for Team Effectiveness

Thank you to all our employees for attending the training with Lew Bender last week. We hope you found it helpful and learned some new things to make your team even stronger. If you have any feedback, please share it with your supervisor, Carly Shaw, or Amy Underwood.

Timekeeping Software

The go live date has been set as July 21. Time clocks have been installed for testing so please be sure to punch in on our current time clock as well as the new one. Supervisors will be trained on July 11 and will also see how the employee system functions. We will have a recorded training for the employees that we will share with all of you as well as some training sessions to help answer questions you may have.

Phone System Update

To better serve our callers, we have implemented an automated phone answering system. Callers will be prompted to select from several options depending on the reason for their call. They also have the option to reach staff with general inquiries. If the caller has an extension for one of our staff members, they can dial it at any time. We feel this will benefit callers by getting them to the person most able to help them right away.

TopHealth

July's 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 is finishing the punchlist.

2) Venard Force Main Replacement

The pipe has been installed. We are waiting for fittings to complete the job.

3) SCADA Platform Replacement (Ignition)

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

4) WWTC Combustible Gas Detection and Alarm System

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

5) First Responder Radio Enhancement

Chicago Communications will be starting the design next week.

6) Painting

This has been postponed.

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

Cured-In-Place Pipe (CIPP) will be used to rehabilitate 1,960 feet of the Outfall 001 pipe, 1,400 feet of sewer on Powell Street and 250 feet of sewer on Ogden Ave. The bid opening is scheduled for July 9 at 10 am.

8) SCADA PLC Replacement

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

9) 2024 Sanitary Sewer Televising

The bid opening is scheduled for July 11 at 10 am.

4th of July Parade

Thank you to the staff and their friends and family that represented the District in the Downers Grove 4th of July parade. Pictures have been shared on the Districtwide channel on Teams by staff. We also used a few of these photos to post on social media. If you have any other pictures or general feedback, please feel free to share that with us.

Timekeeping Software

The go live for the new timekeeping is July 21. Employee training sessions will be scheduled as soon as the materials are available for the new system. We will communicate this through Teams once we have that schedule set. A link to the new system will be shared with employees as well. It will sign you in automatically using single sign on. This password will be the same as your OS and Office 365 password.

Illinois Wastewater Surveillance System

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

Sewer Rehabilitation/Infiltration and Inflow Removal

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

Status of Projects

1) Centex Lift Station Replacement

The contractor is finishing the punchlist.

2) Venard Force Main Replacement

The pipe has been installed. We are waiting for fittings to complete the job.

3) SCADA Platform Replacement (Ignition)

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

4) WWTC Combustible Gas Detection and Alarm System

A preconstruction meeting will be held on July 15.

5) First Responder Radio Enhancement

The equipment has been ordered and is expected to arrive in August.

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

Bids were opened on July 11. Staff will recommend that the Board award the contract to the lowest responsive and responsible bidder, Hoerr Construction, at its July 16 meeting.

7) SCADA PLC Replacement

The design is complete, and the drawings have been reviewed by Staff. The equipment has been delivered. Installation is expected to start on July 23rd.

8) 2024 Sanitary Sewer Televising

Bids were opened on July 11. Staff will recommend that the Board award the contract to the lowest responsive and responsible bidder, Sewertech, at its July 16 meeting.