

DOWNERS GROVE SANITARY DISTRICT
GENERAL MANAGER'S REPORT
January 17, 2025

January Board Meeting

Copies of documentation for the following agenda items are enclosed for the January 21, 2025, meeting:

- 1) Proposed Agenda
- 2) Minutes of the December 17, 2024, regular meeting
- 3) Claim Ordinance 1945
- 4) Memorandum regarding Employee Policy Manual revisions
- 5) Operations Report – 2024 WWTC Annual Summary
- 6) Operations Report – 2024 Collection System Construction Summary
- 7) Operations Report – 2024 Collection System Performance
- 8) Operations Report – 2025 Collection System Work Plan
- 9) Progress Report on Facility Plan
- 10) Executive Session – 2025-26 Salary Schedule (*Confidential under Separate Cover*)
- 11) Executive Session – Memo regarding General Manager review (*Confidential under Separate Cover*)

BOLI Meeting

There is no BOLI meeting this month.

Operations Reports

Copies of the following are enclosed for December operations:

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

Safety

The District's Hazard Communication Program has been updated to include graphical attachments of GHS pictograms, District-specific pipe color reference charts, HMIS labeling reference guide, and NFPA labeling reference guide. The pipe color reference charts have been posted in the ops office, maintenance office, at each tunnel entrance, and in each digester building.

Financial

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

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

Meetings

I attended the following meetings since the December 13, 2024, General Manager's report:

- December 18 attended CSWEA Strategic Planning meeting
- January 10 attended IAWA Technical Committee meeting at Starved Rock
- January 13 attended CSWEA Nominations Committee meeting
- January 14 attended CSWEA IL Section Ad Hoc Apprenticeship Committee meeting
- January 14 attended coordination meeting with Village of Downers Grove engineering staff. Todd and Keith also attended.
- January 15 attended EPA webinar on Draft Risk Assessment on PFOA/PFOS in Sewage Sludge
- January 16 – 17 attended CSWEA Executive Committee meeting in Madison

Miscellaneous

I took vacation December 23 – January 3.

Copies of the following items are enclosed:

- 1) NACWA 2023 Cost of Clean Water Index. For comparison, the DGSD average annual single-family residential charge for sewer services in 2023 was \$499.26.
- 2) December 2024 DGSD WWTC wastewater reports of SARS-CoV-2, influenza A & B and RSV levels
- 3) December 19 notice of public hearing for proposed TIF District for the Meadowbrook Redevelopment project
- 4) General Manager's Report to the Employees dated December 27 and January 10
- 5) Invitation to Village of Downers Grove Civic Center Celebration

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

**DOWNERS GROVE SANITARY DISTRICT
BOARD OF TRUSTEES MEETING
JANUARY 21, 2025 – 7:00 PM
BOARD ROOM**

PROPOSED AGENDA

- I. APPROVAL OF MINUTES
 - A. REGULAR MEETING – DECEMBER 17, 2024
- II. APPROVAL OF CLAIM ORDINANCE NO. 1945
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
 - A. EMPLOYEE POLICY MANUAL REVISIONS
 - B. OPERATIONS REPORTS
 - 1. 2024 WWTC OPERATIONS SUMMARY
 - 2. 2024 COLLECTION SYSTEM CONSTRUCTION SUMMARY
 - 3. 2024 COLLECTION SYSTEM PERFORMANCE
 - 4. 2025 COLLECTION SYSTEM WORK PLAN
- VI. FACILITY PLAN UPDATE
- VII. BOARD PACKET QUESTIONS AND COMMENTS
- VIII. EXECUTIVE SESSION
 - To discuss employee compensation and performance per exception 2(c)1 of the Illinois Open Meetings Act.

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 January 21, 2025. 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, December 17, 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, Information Coordinator Alyssa J. Caballero and Attorney Dan McCormick.

Minutes of Regular Meeting – November 19, 2024

A motion was made by Trustee Eddington seconded by Trustee Wang approving the minutes of the regular meeting held on November 19, 2024, and authorizing the President and Clerk to sign same. The motion carried.

Change Order No. 1 – 2024 Sanitary Sewer Televising Services

A motion was made by Trustee Wang seconded by Trustee Eddington approving Change Order No. 1 for the 2024 Sanitary Sewer Televising Services agreement with Sewertech, LLC. for a net decrease in the contract price of \$3,418.50 and authorizing the General Manager to sign the same. The motion carried. (Votes recorded: Ayes-Sejnost, Wang and Eddington.)

Change Order No. 1 – Venard Road Force Main Replacement

A motion was made by Trustee Eddington seconded by Trustee Wang approving Change Order No. 1 for the Venard Road Force Main Replacement agreement with Swallow Construction Corp. for a net increase in the contract price of \$9,595.29 and a net increase in the contract time of 223 days and authorizing the General Manager to sign the same. The motion carried. (Votes recorded: Ayes-Sejnost, Wang and Eddington.)

Change Order No. 1 – 2024 Sewer Rehabilitation

A motion was made by Trustee Wang seconded by Trustee Eddington approving Change Order No. 1 for the 2024 Sewer Rehabilitation agreement with Hoerr Construction, Inc. for a net decrease in the contract price of \$62,310.00 and a net increase in the contract time of 150 days and authorizing the General Manager to sign the same. The motion carried. (Votes recorded: Ayes-Sejnost, Wang and Eddington.)

Claim Ordinance No. 1944

A motion was made by Trustee Eddington seconded by Trustee Wang adopting Claim Ordinance No. 1944 in the total amount of \$2,428,044.56 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

Resolution of Appreciation for Employee Service

General Manager Underwood presented a Resolution of Appreciation for Charles Preen for 40 years of dedicated service to the District. The Board signed the resolution.

Schedule of 2025 Regular Meetings

Staff presented the proposed Schedule of Regular Meetings for Calendar Year 2025. The finalized schedule will be provided to the local papers and posted on the District’s website. A motion was made by Trustee Eddington seconded by Trustee Wang to approve the schedule. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Annexation Ordinance AO 2024-07 – 2250 63rd Street, Downers Grove

Staff presented Annexation Ordinance No. AO 2024-07 for the annexation of the single-family lot located at 2250 63rd Street, Downers Grove. A motion was made by Trustee Eddington seconded by Trustee Wang accepting the Petition for Annexation, adopting Annexation Ordinance No. AO 2024-07 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Sejnost, Wang and Eddington.)

Operations Report – Cost-of-Service Analysis

General Manager Underwood presented an operations report reviewing the cost-of-service analysis which she completes annually. The report reviewed the history of the District’s user charge system, the steps in cost-of-service analysis, applicable cost parameters, how estimated revenue and expenses are used in the analysis, allocation costs to cost parameters, reallocation to fairly account for I/I, and development and design of the rate schedule.

Facility Plan Update

General Manager Underwood reviewed the Facility Plan progress for November.

Questions and Comments

Trustee Wang thanked General Manager Amy Underwood for her presentation on the cost-of-service analysis. He noted the new acrylic prints of an aerial shot of the treatment plant and District logo at the Admin Center. He inquired about the results from the recent Show Cause hearings. He noted the updates on CHP 1 and 2, described in Maintenance Supervisor Whitefleet’s report. Lastly, he wished staff a Merry Christmas and Happy Holidays.

Trustee Eddington inquired about the Industrial Waste Survey and the extra facility plan sampling, noted in Laboratory Supervisor Berry’s report. He congratulated Danny Jasso for his promotion to

Senior Sewer System Inspector.

Trustee Sejnost congratulated Check Preen for 40 years of service to the District and his upcoming retirement, and Danny Jasso for his promotion to Senior Sewer System Inspector. She noted the final grant closeout letter from the EPA. She commented on the aerial photo of the plant in the lobby of the Admin Center and District logo added in the Board Room. Lastly, Trustee Sejnost thanked all employees for their continued hard work and wished everyone a happy and safe holiday.

A motion was made by Trustee Eddington seconded by Trustee Wang to adjourn the regular meeting at 8:47 p.m. The motion carried.

Approved: January 21, 2025

President

Attest: _____
Clerk

Downers Grove, Illinois

Date: January 21, 2025

Claim Ordinance No. 1945

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 **\$705,007.65** being in words and figures as follows:

PAYROLL END DATE: 12.21.24
 PAYROLL PAID DATE: 12.27.24
 G/L DATE: 1.31.25

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		81571.35-
01-00.2000	FEDERAL TAX WITHHELD		12498.02-
01-00.2001	STATE TAX WITHHELD		5891.14-
01-00.2002	SOCIAL SECURITY WITHHELD		9128.89-
01-00.2003	IMRF WITHHELD		5116.43-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		4682.67-
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC		150.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		438.84-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		168.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1707.69-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		236.41-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		516.84-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		582.25-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		212.00-
01-11.A003	GENERAL MANAGEMENT	10424.13	
01-11.A004	FINANCIAL RECORDS	8787.86	
01-11.A005	ADMINISTRATIVE RECORDS	2029.51	
01-11.A006	ENGINEERING	189.96	
01-11.A007	CODE ENFORCEMENT	13639.17	
01-11.A008	SAFETY ACTIVITIES	1801.16	
01-12.A006	ENGINEERING	569.88	
01-12.A009	OPERATIONS MANAGEMENT	4762.35	
01-12.A011	MAINTENANCE - WWTC	15964.80	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	145.07	
01-12.A014	MAINTENANCE - ELECTRICAL	7832.69	
01-12.A021	WWTC - OPERATIONS	16605.28	
01-12.A022	WWTC - SLUDGE HANDLING	5722.13	
01-12.A023	WWTC - ENERGY RECOVERY	72.44	
01-12.A030	BUILDING AND GROUNDS	4976.08	
01-13.A009	OPERATIONS MANAGEMENT	4198.28	
01-13.A041	LAB - WWTC	5934.72	
01-13.A042	LAB - PRETREATMENT	640.03	
01-13.A048	LAB - ENERGY RECOVERY	80.48	
01-14.A051	SEWER MAINTENANCE	13283.11	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	400.00	
01-14.A066	INSPECTION - CODE ENFORCEMENT	6147.20	
01-15.A009	OPERATIONS MANAGEMENT	483.55	
01-15.A080	LIFT STATION MAINTENANCE	947.96	
		125637.84	125637.84-

PAYROLL END DATE: 01.04.25
 PAYROLL PAID DATE: 01.10.25
 G/L DATE: 01.31.25

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		82943.90-
01-00.2000	FEDERAL TAX WITHHELD		12411.18-
01-00.2001	STATE TAX WITHHELD		5873.01-
01-00.2002	SOCIAL SECURITY WITHHELD		9694.02-
01-00.2003	IMRF WITHHELD		5524.08-
01-00.2013	CREDIT UNION WITHHELD		2737.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		5527.45-
01-00.2017	VOLUNTARY GROUP LIFE		208.00-
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC		150.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		438.84-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		168.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1707.69-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		236.41-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		481.68-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		672.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		212.00-
01-11.A003	GENERAL MANAGEMENT	11991.61	
01-11.A004	FINANCIAL RECORDS	8279.78	
01-11.A005	ADMINISTRATIVE RECORDS	2024.80	
01-11.A007	CODE ENFORCEMENT	13004.61	
01-11.A008	SAFETY ACTIVITIES	1752.80	
01-12.A009	OPERATIONS MANAGEMENT	4813.05	
01-12.A011	MAINTENANCE - WWTC	16262.47	
01-12.A014	MAINTENANCE - ELECTRICAL	8100.28	
01-12.A021	WWTC - OPERATIONS	18820.04	
01-12.A022	WWTC - SLUDGE HANDLING	6612.23	
01-12.A023	WWTC - ENERGY RECOVERY	72.44	
01-12.A030	BUILDING AND GROUNDS	3683.60	
01-13.A009	OPERATIONS MANAGEMENT	4600.85	
01-13.A041	LAB - WWTC	6435.98	
01-13.A048	LAB - ENERGY RECOVERY	100.14	
01-14.A051	SEWER MAINTENANCE	14543.69	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	400.00	
01-14.A066	INSPECTION - CODE ENFORCEMENT	6279.37	
01-15.A080	LIFT STATION MAINTENANCE	1207.83	
		128985.57	128985.57-

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
A-FORMULA MECHANICAL CORP	A000065	12/16/24	242073	01-12.B812	West Geotherm Unit Repair	1786.00	1786.00	106390	
ACI Payments Inc.	A000096	12/16/24	1000129671	01-11.B110	OLR Fees	26.00	26.00	106391	
ADVOCATE OCCUPATIONAL HEALTH	A000150	01/02/25	863987	01-12.B117	Drug Tests	115.00	115.00	065280	
ALTORFER INDUSTRIES, INC.	A000292	12/14/24	P6AC0116795	01-11.B118	Admin Generator Hose	47.28			
		12/17/24	PM6A0032945	01-11.B118	Admin Generator Repair	1784.60			
		01/08/25	PM6A0033390	01-15.B521	Centex Generator PM	1431.00	3262.88	106392	
Amazon Business	A000296	12/16/24	11VRHXX37XD3	01-12.B117	NW Outerwear	39.98			
		12/13/24	1319FYR6GRRH	01-11.B117	Outerwear	37.97			
		12/21/24	14DL4KD9Q3YW	01-12.B117	MM Outerwear	109.98			
		12/16/24	17JYNQFM7W6C	01-13.B115	Lab Equipment	70.94			
		12/27/24	17LVFDYTRMVF	01-11.B115	Charging Cable/Ipad Case	27.47			
		12/27/24	17LVFDYTRMVF	01-11.B116	Calendar	12.99			
		12/25/24	1C7HFVTF7WX	01-14.B117	DJ Outerwear	163.93			
		01/10/25	1CCW1F7DQDFQ	01-12.B116	Ink Cartridge/Hose	68.98			
		12/16/24	1DGFR6RK71WQ	01-11.B116	Credit	6.49-			
		12/24/24	1F7KRQMCCWWM	01-12.B116	MSB Supplies	316.92			
		01/02/25	1FTL31KCP1YT	01-14.B117	Outerwear	21.84			
		01/03/25	1HTTCRW36XG7	01-14.B116	Plow Stakes	89.99			
		12/26/24	1KHH3WG7LQKK	01-12.B113	Nitrile Cleaning Gloves	76.97			
		12/26/24	1KHH3WG7LQKK	01-12.B116	Coffee/2025 Planner	81.98			
		12/16/24	1KY4NQKR4WLK	01-11.B115	Mouse Replacement	19.74			
		01/14/25	1KYMXXCCVWWJ	01-12.B116	Gas Leak Detector	119.99			
		12/14/24	1LXTXFHYM3Q4	01-12.C225	Credit	749.95-			
		12/16/24	1M3M1QD17DXY	01-12.B513	CHP Engine Gen Oil Filter	180.08			
		01/01/25	1P7XJ499HTNL	01-14.B117	Outerwear	32.06			
		12/20/24	1QJYK69LJ19Y	01-14.B117	BM/AL Outerwear	361.85			
		12/16/24	1RL3333V73PD	01-11.B116	Calendar	53.34			
		12/30/24	1Y69M7PV1PHK	01-12.B117	MM Outerwear	34.99	1165.55	106393	
ATLAS BOBCAT, INC.	A000520	12/21/24	HT7582	01-12.B501	Sweeper Broom Brushes	995.72	995.72	106394	
AUTOZONE - AZ COMMERCIAL	A000600	09/16/24	02576665318	01-11.C225	Charging System Part	5.69			
		10/10/24	02576682096	01-12.C225	Oil Filter	7.59			
		12/18/24	02576730156	01-14.C225	Brake Light Bulbs	16.14			
		09/04/24	25746656275	01-14.C225	Oil Change Supplies	117.78			
		11/28/23	2576459180	01-14.C225	Oil Change Supplies	116.23			
		12/10/19	2576470385	01-12.C225	Oil Change Supplies	74.51			
		05/09/24	2576568112	01-12.B511	Filter 4 Drive Parts	47.78			
		07/16/24	2576620542	01-12.B512	Shop Tool	60.00	445.72	065281	
SIAMAK AZARNIA	A000700	12/18/24	REIMBURSE	01-12.B117	Boots Reimbursement	184.97	184.97	106395	
BAXTER & WOODMAN, INC.	B000120	12/16/24	0266850	01-11.B124	Flow Monitoring	274.28			
		12/16/24	0266852	01-14.B902	Outfall Sewer Sag CS	907.24			
		12/16/24	0266866	01-11.B124	2024 Misc Engineering Svc	892.90			
		12/16/24	0266868	01-14.B902	Rogers St Swr Rplc Design	266.25			
		12/16/24	0266878	01-11.B124	Facility Plan	19227.33	21568.00	106396	
BradyIFS	B000319	12/13/24	9554317	01-12.B116	MSB Supplies	129.69			
		01/09/25	9630609	01-12.B116	MSB Supplies	160.47	290.16	106397	
BRITTON ELECTRONICS &	B000340	12/12/24	2250336	01-15.B525	Lib Park Transducer	984.55	984.55	065282	

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
CDW GOVERNMENT, INC.	C000020	12/03/24	AB7X54M	01-11.B115	AP Printer	455.42	455.42	106398	
CASSIDY TIRE & SERVICE	C000090	12/24/24	919033069	01-12.B501	Tire Replacement	1742.32	1742.32	106399	
CERTIFIED BALANCE & SCALE CORP	C000130	01/06/25	26373	01-13.B115	Calibrate/Clean Equipment	1417.00	1417.00	065283	
CINTAS #344	C000300	12/17/24	4214915835	01-12.B117	Plant Uniforms	109.67			
		12/17/24	4214915835	01-14.B117	SS Uniforms	42.08			
		12/24/24	4215722946	01-12.B117	Plant Uniforms	109.67			
		12/24/24	4215722946	01-14.B117	SS Uniforms	42.08			
		12/31/24	4216416889	01-12.B117	Plant Uniforms	109.67			
		12/31/24	4216416889	01-14.B117	SS Uniforms	42.08			
		01/07/25	4217103227	01-12.B117	Plant Uniforms	109.67			
		01/07/25	4217103227	01-14.B117	SS Uniforms	42.08			
		01/14/25	4217822599	01-12.B117	Plant Uniforms	204.84			
		01/14/25	4217822599	01-14.B117	SS Uniforms	46.38	858.22	065284	
CLOUDEMELLOW	C000333	01/01/25	250002	01-11.B115	Web Hosting	95.00	95.00	065323	
COLE-PARMER	C000345	12/17/24	3886277	01-13.B115	Pipetter	602.06	602.06	065285	
COMCAST	C000373	01/03/25	977120120055	01-11.B112	Back Up Internet	151.45	151.45	065286	
Comcast	C000375	01/02/25	708762970	01-11.B112	Internet Service	835.00	835.00	065287	
COMED	C000380	12/14/24	0464955000	01-15.B100	College LS Elec	307.03			
		12/14/24	0771764000	01-15.B100	Liberty Park LS Elec	328.03			
		12/13/24	1557021222	01-15.B100	Earlston LS Elec	253.28			
		12/13/24	2125907000	01-15.B100	Centex LS Elec	133.00			
		12/14/24	2334423333	01-15.B100	Northwest LS Elec	1368.53			
		12/23/24	2764819000	01-12.B100	Big Top Elec	131.45			
		12/13/24	3843274000	01-15.B100	Hobson LS Elec	1563.25			
		01/06/24	4675132222	01-15.B100	Wroble LS Electric	781.39			
		12/19/24	6828085000	01-15.B100	Venard LS Elec	594.87			
		12/23/24	8159307000	01-12.B100	Walnut House Elec	81.25			
		12/23/24	8159307000	01-14.B910	BSSRAP Yard Elec	309.34			
		12/13/24	9286103000	01-15.B100	Butterfield LS Elec	194.27			
		12/31/24	9492723333	01-11.B100	Admin Ctr Electric	174.48			
		12/31/24	9492723333	01-12.B100	Plant Electric	6621.36			
		10/26/24	9492723333 2	01-11.B100	ADMIN SEPT ELECTRIC	242.78			
		10/26/24	9492723333 2	01-12.B100	PLANT SEPT ELECTRIC	1311.45	14395.76	065288	
CONCENTRIC INTEGRATION, LLC	C000410	12/16/24	0266853	01-12.B513	SCADA Software Replc	12829.74			
		12/16/24	0266856	01-12.B513	WWTC PLC Upgrades	1863.75			
		12/16/24	0266862	01-11.B115	2024-25 Support Services	2434.00			
		12/16/24	0266862	01-12.B513	2024-25 Support Services	3651.00			
		12/24/24	0267545	01-12.B513	2024-25 T&M Support Serv	42.48	20820.97	106400	
CONSTELLATION NEWENERGY	C000435	12/16/24	721537-12	01-15.B100	College LS Elec	178.93			
		12/16/24	721537-13	01-15.B100	Hobson LS Elec	1135.33			
		12/16/24	721537-14	01-15.B100	Liberty Park LS Elec	173.77			
		12/16/24	721537-16	01-15.B100	Earlston LS Elec	146.94			
		12/20/24	721537-17	01-15.B100	Venard LS Elec	238.51			
		12/16/24	721537-19	01-15.B100	Butterfield LS Elec	116.17			
		12/16/24	721537-20	01-15.B100	Northwest LS Elec	920.12	2909.77	106401	
COVERALL NORTH AMERICA, INC	C000557	01/01/25	1010737690	01-11.B118	Admin Center Cleaning Svc	489.00	489.00	106402	

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
DANIEL MCCORMICK, P. C.	D000035	12/27/24	21	01-11.B124	Legal Services	810.00	810.00	065289
DELTA INDUSTRIES, INC.	D000210	12/06/24	SIN021980	01-12.B513	WWTC Compressor PM	1704.42		
		12/09/24	SIN022205	01-15.B524	Hobson Compressor PM	1192.02	2896.44	106403
DELTA SONIC	D000220	01/03/25	0021924	01-11.C225	Admin Car Washes	8.33		
		01/03/25	0021924	01-12.C225	Plant Car Washes	24.99		
		01/03/25	0021924	01-14.C225	SS Car Washes	16.66	49.98	065290
THE REINALT-THOMAS CORPORATION	D000260	01/08/25	4539342	01-12.C225	Plow Trck Tire Replace	1097.80	1097.80	065291
VILLAGE OF DOWNERS GROVE	D000480	12/11/24	19617	01-12.B812	2024 WWTC Pavement	29668.40		
		12/16/24	19667	01-11.B121	Meter Readings	491.12		
		01/07/25	19727	01-11.C222	Admin Ctr Fuel	155.65		
		01/07/25	19727	01-12.C222	Plant Fuel	1351.17		
		01/07/25	19727	01-13.C222	Lab Fuel	61.10		
		01/07/25	19727	01-14.C222	SS Fuel	1290.13		
		01/01/25	C20272700	01-11.B121	Plant Water	659.04		
		01/01/25	C20272710	01-11.B102	Admin Ctr Water	76.22		
		01/06/25	TANK RENEWAL	01-12.B104	Tank License Renewal	225.00	33977.83	065292
DUPAGE COUNTY RECORDER	D000620	12/10/24	40609345	01-11.B121	Lien Releases	171.00		
		12/10/24	40609348	01-11.B121	Lien Releases	513.00		
		12/17/24	40610913	01-11.B121	Lien Releases	114.00	798.00	065293
DYNEGY ENERGY SERVICES	D000800	12/24/24	030000446073	01-15.B100	Northwest LS Elec Nov	837.04		
		12/24/24	030000446075	01-15.B100	Hobson LS Elec Nov	1278.66		
		12/24/24	030000446076	01-15.B100	Wroble LS Elec Nov	513.56		
		12/24/24	030000446077	01-15.B100	Venard LS Elec	215.20		
		12/24/24	030000446079	01-15.B100	Butterfield LS Elec Nov	110.78		
		12/24/24	030000446080	01-15.B100	Earlston LS Elec Nov	121.23		
		12/24/24	030000446081	01-15.B100	College LS Elec Nov	170.62		
		01/10/25	030000454861	01-15.B100	Centex LS Oct Electric	60.68		
		01/10/25	030000454862	01-15.B100	Centex LS Nov Electric	54.75		
		12/24/24	03000446078	01-15.B100	Lib Park LS Electric	137.49		
		01/10/25	03000454860	01-15.B100	Centex LS Sept Electric	69.00		
		01/10/25	03000454863	01-15.B100	Centex LS Dec Electric	66.89	3635.90	106404
EXODUS TECHNOLOGY SERVICE	E000480	01/10/25	25100	01-11.B124	December IT Services	5298.16	5298.16	065294
EYE MED VISION CARE	E000600	01/01/25	166619497	01-17.E455	Vision Insurance	411.50	411.50	065295
FEDEX KINKO'S	F000075	12/30/24	BDFKK0102822	01-13.B116	Binder Covers	22.46		
		01/06/25	bdfkk0070345	01-13.B116	Binder Covers	12.48	34.94	065296
FirstComm	F000136	01/06/25	127479497	01-11.B112	Admin Ctr Phones	302.98		
		01/06/25	127479497	01-12.B112	Plant Phones	319.89		
		01/06/25	127479497	01-13.B112	Lab Phones	58.59		
		01/06/25	127479497	01-14.B112	SS Phones	170.75	852.21	065324
FIRST ENVIRONMENTAL LAB	F000140	12/18/24	188056	01-13.B123	NPDES December	117.60		
		12/20/24	188104	01-13.B123	2024 Fall Industrial Samp	132.60		
		12/20/24	188109	01-13.B123	Grit Scrn Dumpster Sample	520.80		
		01/07/25	188305	01-13.B123	Dec 2024 NPDES Monthly	46.80	817.80	106405
GASVODA & ASSOCIATES INC.	G000200	12/17/24	24PTS0591	01-15.B528	Wroble Pmp 2 Ovrhl Prts	1681.24	1681.24	065297
GOVERNMENT FINANCE	G000420	12/16/24	0248906	01-11.B137	CS GFOA Membership	160.00	160.00	065298
W. W. GRAINGER, INC.	G000520	12/11/24	9342967990	01-12.B512	MSB Supplies	31.20		

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
		12/11/24	9343203601	01-12.B512	BS Tool Replacement	143.65			
		12/11/24	9343203619	01-12.B512	MSB Tool Replacement	182.78			
		12/12/24	9344407557	01-11.B113	Replc Eye Wash Bottles	235.20			
		12/12/24	9344407565	01-12.B512	MSB Supplies	220.72			
		12/12/24	9344945242	01-11.B118	Urinal Flush Valve	474.26			
		12/12/24	9344945359	01-12.B512	MR Tool Replacement	13.37			
		12/16/24	9347152358	01-12.B505	Bar Scrn Climb Ovrhl Prts	77.75			
		12/16/24	9347152366	01-12.B505	Bar Scrn Climb Ovrhl Prts	312.83			
		12/16/24	9347152374	01-12.B501	Credit	86.36-			
		12/17/24	9347989510	01-12.B512	Stock Plumbing Supplies	118.52			
		12/17/24	9348588568	01-12.B513	Yard Piping - Ball Valve	237.12			
		12/18/24	9350590791	01-12.B501	Tail Light	84.28			
		12/19/24	9351703328	01-12.B512	MSB Supplies	19.68			
		12/30/24	9357430314	01-12.B511	Rail Upgrd Flat Washers	28.50			
		01/02/25	9359896025	01-12.B113	Disposable Gloves	154.10			
		01/07/25	9363917718	01-12.B812	Lighting Stock	129.00			
		01/07/25	9363917726	01-12.B512	MSB Supplies	141.32			
		01/07/25	9364049024	01-12.B116	Vehicle Detergent	123.59			
		01/09/25	9367306801	01-12.C225	Maint Trk Repair Part	30.31			
		01/09/25	9367306819	01-12.B512	Shop Tool Replacement	80.79			
		01/10/25	9367936664	01-12.B510	Gas Leak Detector Bottle	29.62			
		01/13/25	9369081881	01-12.B812	ComEd Utility Incentive	117.00-	2665.23	106406	
AARON GUTIERREZ	G000610	12/31/24	REIMBURSE	01-12.B117	Boots	89.98	89.98	106407	
JESSICA GWOZDZ	G000630	12/12/24	REIMBURSE	01-11.B117	Outerwear	38.58	38.58	106408	
HML, INC.	H000035	12/13/24	113661	01-13.B123	Nov 2024 Biosolids	1025.00	1025.00	065299	
HACH COMPANY	H000040	12/19/24	14301662	01-13.B114	TKN Testkit/Total Phosphr	6726.55			
		12/20/24	14303891	01-13.B114	COD Kit HR Lab	1724.00			
		12/30/24	14311060	01-13.B114	Clean Solution (Amtax)	1184.05			
		12/30/24	14311060	01-13.B116	Test Tube Rack	61.14	9695.74	106409	
HOME DEPOT	H000400	12/30/24	2023049	01-12.B809	Belt Press Door Pull	13.41			
		12/20/24	2023660	01-12.B512	RF Tool Replacement	20.97			
		01/09/25	2023797	01-12.B512	Water Systems Parts	144.92			
		12/30/24	2024285	01-11.B118	Admin Flag Pole Rope	7.98			
		01/09/25	2044740	01-12.B116	MSB Supplies	62.82			
		12/20/24	2134141	01-13.B117	RB Outerwear	138.05			
		12/19/24	3022189	01-12.B511	Rail Upgrd Supplies	53.76			
		12/19/24	3160381	01-12.B117	MR Outerwear Return	189.00-			
		01/06/25	5044454	01-12.B812	Lckr Rm Upgrd Supplies	59.33			
		12/16/24	6023471	01-12.B116	MSB Supplies	42.52			
		01/13/25	8024126	01-14.B116	SS Supplies	270.61			
		01/13/25	8024128	01-14.B910	Plugs/Sealant	205.67			
		01/13/25	8025161	01-12.B116	MSB Supplies	66.88			
		01/13/25	8025161	01-12.B512	MSB Supplies	60.12			
		01/02/25	9622498	01-12.B512	MSB Supplies	81.39			
		12/12/24	H1942234038	01-12.B117	MR Outerwear	189.00			
		12/16/24	H1942234277	01-12.B812	Refrigerator	1148.00			

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		12/19/24	H1942234518	01-12.B117	MR Outerwear	149.00	2525.43	065300
IAWA	I000100	01/23/25	5922	01-11.B117	AU Tech Committee Meeting	65.00	65.00	065301
INFOSEND, INC.	I000415	12/31/24	277971	01-11.B121	Customer Bill Mailings	5486.96	5486.96	106410
ISTHA	I000470	01/08/25	G12900008177	01-11.C225	Admin Tolls	10.95		
		01/08/25	G12900008177	01-12.C225	Plant Tolls	214.50		
		01/08/25	G12900008177	01-13.C225	Lab Tolls	10.45		
		01/08/25	G12900008177	01-14.C225	SS Tolls	28.25		
		12/09/24	VN5907917089	01-12.C225	Tolls	66.75		
		12/31/24	VN5908032552	01-12.C225	Tolls	112.60	443.50	065325
IWEA	I000900	01/08/25	E6413	01-12.B117	IWPC Conference	1125.00		
		01/08/25	E6413	01-13.B117	IWPC Conference	750.00	1875.00	065302
JSN Contractors Supply	J000027	12/18/24	87508	01-14.B116	Green Marking Paint	403.20	403.20	065303
JAKE'S MACHINING INC.	J000060	12/20/24	61745	01-12.B506	U-Joints Restock	700.00	700.00	065304
John Crane Inc.	J000120	12/11/24	25A046772	01-12.B505	Raw Sew Pmp Seal - Stock	6368.73	6368.73	065305
JULIE, INC.	J000250	01/07/25	20250435	01-14.B127	Location Services	4031.34	4031.34	065326
KD REPAIR, INC.	K000015	01/08/25	34536	01-14.C225	TV Trk Generator	399.08	399.08	065306
LIFELINK EMS	L000240	12/19/24	121524	01-11.B113	Bleeding Control Kit	144.00	144.00	106437
MCMaster-CARR SUPPLY COMPANY	M000360	12/17/24	38104427	01-12.B511	Railing Upgrd Supplies	159.50		
		01/13/25	39044216	01-12.B512	MSB Plumbing Supplies	184.10	343.60	106411
METROPOLITAN INDUSTRIES, INC.	M000500	01/15/25	069570	01-15.B828	Wroble Sump Pump	1414.00	1414.00	106412
MOTION INDUSTRIES, INC.	M000750	12/19/24	1000794911	01-12.B510	Grease Pump Repair	146.57	146.57	106413
NCPERS GROUP LIFE INSURANCE	N000010	01/01/25	3266022025	01-00.2017	Voluntary Life Insurance	224.00	224.00	106414
NALCO WATER PRETREATMENT	N000030	12/12/24	6660315739	01-13.B116	DI Water System PM	452.06	452.06	106415
NAPA AUTO PARTS	N000040	11/15/24	917564	01-15.B529	Portable Gen Fuse Holder	8.50		
		11/25/24	918835	01-14.B115	Wiper Blades	24.98		
		12/03/24	919771	01-12.B116	Windshield Washer Fluid	59.28		
		12/03/24	919771	01-14.C225	Windshield Wipers	24.98		
		01/09/25	924803	01-12.C225	Oil Filters	21.95		
		01/09/25	924805	01-12.B116	Windshield Washer Fluid	29.64	169.33	065307
		12/12/24	15876210004	01-12.B101	Plant Gas	347.90		
NICOR GAS	N000330	12/12/24	44976210003	01-12.B101	Plant 2 Gas	249.06		
		12/12/24	51006900008	01-12.B101	Chem Feed Gas	220.19		
		12/12/24	54976210002	01-11.B101	Admin Center Gas	220.58		
		12/12/24	87801017812	01-12.B101	Walnut House Gas	171.26	1208.99	065308
		01/09/25	416	01-12.B513	CHP Gensets Spark Plugs	4937.03		
NISSEN ENERGY INC	N000350	12/31/24	467	01-12.B513	CHP 2 Air Flow Switch	7285.00	12222.03	106416
		01/08/25	89489	01-14.B116	Tracing Dye	292.00	292.00	106417
NORLAB, INC.	N000390	01/08/25	89489	01-14.B116	Tracing Dye	292.00	292.00	106417
NORTHERN FILTER MEDIA, INC.	N000550	09/05/24	45047	01-12.B511	Sand Filter Media	3502.00	3502.00	065309
NORTHERN ILLINOIS UNIVERSITY	N000558	01/01/25	00671921	01-11.B117	OSHA Course JG	200.00	200.00	065310
Northwest Electric Motor Co.	N000565	12/23/24	2412115	01-15.B524	Hobson Pump 4 Motor Rpr	10316.48	10316.48	065311
O'HARE TOWING SERVICE	O000270	12/03/24	2956901	01-14.C225	Towing Service	239.15	239.15	065312
PACKEY WEBB FORD	P000020	12/05/24	C69810	01-14.C225	SS Truck Repair	340.17	340.17	106418
PHENOVA	P000360	12/27/24	211335	01-13.B114	Lab Chemicals	137.69	137.69	106419
PIRTEK O'HARE	P000380	01/07/25	BOT00021834	01-12.B501	Salt Spreader Hose Repair	273.66	273.66	065313
PORTABLE JOHN, INC	P000410	01/07/25	292623	01-12.B812	Porta Potty Rental	205.84	205.84	106420
CHARLES PREEN	P000600	01/06/25	REIMBURSE	01-12.B117	CP Outerwear	37.44	37.44	106438

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
PRINCIPAL LIFE INSURANCE CO	P000650	01/01/25	109309910001	01-17.E455	Dental Insurance	3120.28	3120.28	106421	
QUADIENT, INC	Q000251	01/09/25	17580298	01-11.B116	Postage Meter Supplies	185.00	185.00	065327	
RED WING SHOE STORE	R000180	01/02/25	202501100154	01-12.B117	CP Boots	301.74	301.74	106422	
JOSE ROCHE	R000367	12/18/24	REIMBURSE	01-14.B117	Outerwear	83.03			
		12/22/24	REIMBURSE 2	01-14.B113	Hard Hat	15.67			
		01/06/25	REIMBURSE 3	01-14.B117	Outerwear	63.09	161.79	106423	
SAFETY-KLEEN SYSTEMS, INC.	S000050	12/07/24	95919629	01-12.B116	MSB Supplies	452.74	452.74	106424	
S. Schroeder Trucking, Inc.	S000059	09/17/24	70105	01-12.B509	Sand Delivery	2225.23	2225.23	065314	
SERPENTIX CONVEYOR CORP.	S000230	11/12/24	23960	01-12.B504	Grit Conveyor Pans	1488.20	1488.20	065328	
SOLENIS LLC	S000450	12/17/24	133569350	01-12.B402	TWAS Polymer	1596.42			
		12/30/24	133619586	01-12.B402	TWAS Polymer	3192.84	4789.26	106425	
SOUTHLAND ELECTRICAL SUPPLY	S000493	12/16/24	3264286	01-12.B510	West Grease Pump Starter	496.76	496.76	106426	
STAPLES INC.	S000640	12/05/24	6020576446	01-11.B116	Toilet Paper	65.72			
		12/05/24	6020576448	01-11.B116	Calendars	21.49			
		12/05/24	6020576448	01-12.B116	Appointment Books	171.85			
		12/05/24	6020576448	01-14.B116	Appointment Books	89.28			
		12/11/24	6020576450	01-11.B116	Office Supplies	171.64			
		12/13/24	6020576452	01-11.B116	Office Supplies	104.97	624.95	106427	
STEPHENS PLUMBING AND	S000680	12/16/24	278868	01-14.B910	Shear Repair	611.60	611.60	065315	
STEWART SPREADING, INC.	S000780	12/27/24	4117	01-12.B131	Biosolid Land Application	68324.00	68324.00	065316	
SUNBURST SPORTSWEAR	S000870	12/17/24	130153	01-11.B113	Safety Vests	122.80			
		12/17/24	130153	01-12.B113	Safety Vests	183.20			
		12/17/24	130153	01-14.B113	Safety Vests	158.00			
		01/08/25	130233	01-11.B113	Safety Vests	62.40			
		01/08/25	130233	01-12.B113	Safety Vests	62.40			
		01/08/25	130233	01-14.B113	Safety Vests	31.20	620.00	065317	
TELCO BILL CENTER	T000155	01/01/25	5861	01-12.B112	Elevator Phone Line	39.96	39.96	106428	
TERRACE SUPPLY COMPANY	T000250	12/31/24	0001065283	01-12.B116	Cylinder Rentals	47.12	47.12	106429	
THERMO FISHER SCIENTIFIC COMPANT	T000280	11/06/24	6693210	01-13.B116	Detergent	252.00	252.00	106430	
UNO CONSTRUCTION CO., INC.	U000450	12/31/24	6	01-14.B910	BSSRAP Projects	69304.97	69304.97	106431	
VWR INTERNATIONAL INC.	V000030	12/18/24	8817877473	01-13.B116	Pipetter Tips	107.97	107.97	065318	
VERIZON WIRELESS	V000135	01/01/25	542042956-01	01-11.B112	Admin Cell Phone	216.59			
		01/01/25	542042956-01	01-12.B112	WWTC Cell Phone	924.75			
		01/01/25	542042956-01	01-13.B112	Lab Cell Phone	157.00			
		01/01/25	542042956-01	01-14.B112	SS Cell Phone	485.80			
		01/01/25	542042956-02	01-12.B112	WWTC Tablets	635.04			
		01/01/25	542042956-02	01-14.B112	SS Tablets	1138.37			
		01/01/25	542042956-02	01-15.B112	LS Tablet	468.20			
		12/28/24	785846626-01	01-12.B112	Rain Gauge Service	56.46			
		12/28/24	785846626-01	01-15.B112	LS Cell Dialer	282.78	4364.99	065319	
WAGNER COMMUNICATIONS, INC	W000070	01/01/25	00035156671	01-11.B112	Answering Service	466.38	466.38	106432	
WASTE MANAGEMENT SERVICES, INC.	W000170	01/06/25	003345620094	01-12.B102	Garbage/Recycling	684.79	684.79	106439	
WESTFAX	W000350	01/01/25	1478998	01-11.B112	E Fax Service	8.99	8.99	106433	
WEST SIDE TRACTOR SALES CO.	W000380	12/27/24	N62522	01-12.B501	Block Heater Ops 244K	130.94			
		12/27/24	N62523	01-12.B501	Coolant	18.24			
		01/03/25	N62629	01-12.B501	Block Heater Cord	94.45			

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
		01/10/25	N62926	01-12.B501	Hose Clamp	42.57	286.20	065320	
VILLAGE OF WESTMONT	W000450	12/18/24	1697	01-11.B121	Meter Readings	370.01	370.01	065321	
VILLAGE OF WOODRIDGE	W000700	12/18/24	4244	01-11.B121	2023-24 Meter Readings	1148.16	1148.16	065322	
						=====	=====		
					Total Payments:	356283.19	356283.19		
					ACH Payments Total:	177734.52	.00		
					Check Payments Total:	178548.67	356283.19		

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CHASE	B000050	12/30/24	EMPLPR122124	01-00.2000	FEDERAL TAX WITHHELD	12498.02		
		12/30/24	EMPLPR122124	01-00.2002	EMPL SOC SEC WITHHELD	9128.89		
		12/30/24	EMPLPR122124	01-17.E461	EMPLR SOC SEC WITHHELD	9128.93	30755.84	106371
CHASE	B000050	01/04/25	EMPLPR010425	01-00.2000	FEDERAL TAX WITHHELD	12411.18		
		01/04/25	EMPLPR010425	01-00.2002	EMPL SOC SEC TAX	9694.02		
		01/04/25	EMPLPR010425	01-17.E461	EMPLR SOC SEC TAX	9694.06	31799.26	106387
COMED	C000380	12/01/24	9492723333	01-11.B100	ADMIN OCTOBER ELECTRIC	242.78		
		12/01/24	9492723333	01-12.B100	PLANT OCTOBER ELECTRIC	1311.45	1554.23	065277
D.G. SANIT DIST #XXXXXXXXX1117	D000400	01/21/25	REIMBURSE	01-00.1001	Payroll Reimbursement	164515.25	164515.25	106386
D.G. SANIT DIST #XXXXXXXXX1114	D000420	01/10/25	USER REFUND	01-05.3001	USER REFUNDS	2287.30	2287.30	106385
DUPAGE CREDIT UNION	D000650	12/27/24	EMPLPR102124	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	106370
DUPAGE CREDIT UNION	D000650	01/10/25	EMPLPR010425	01-00.2013	EMPL AUTHORIZED W/HOLDING	2737.00	2737.00	106376
Fox Valley Operators Association	F000289	12/19/24	MEMBERDUES	01-12.B117	MEMBER DUES	85.74		
		12/19/24	MEMBERDUES	01-13.B117	MEMBER DUES	14.26	100.00	065276
GREATER ILLINOIS TITLE COMPANY	G000539	12/19/24	62	01-11.B121	SHOW CAUSE TITLE SEARCH	1625.00	1625.00	065278
HEALTH CARE SERVICE CORP.	H000190	12/30/24	165585	01-17.E455	HEALTH INSURANCE	51237.59	51237.59	106374
ILLINOIS DEPARTMENT OF REVENUE	I000240	12/30/24	EMPLPR122124	01-00.2001	STATE TAX WITHHELD	5891.14	5891.14	106372
ILLINOIS DEPARTMENT OF REVENUE	I000240	01/13/25	EMPLPR010425	01-00.2001	STATE TAX WITHHELD	5873.01	5873.01	106379
ILLINOIS MUNICIPAL	I000300	12/31/24	2076123B2C6	01-00.2003	Empl Pension Deposit	10130.64		
		12/31/24	2076123B2C6	01-00.2014	Emplr Pension Deposit	9277.32		
		12/31/24	2076123B2C6	01-11.B110	Late Charge	13.57		
		12/31/24	2076123B2C6	01-17.E460	Empl Vol Pension Deposit	12697.13	32118.66	106383
MIDAMERICA ADMIN HRA ACCOUNT	M000557	12/27/24	HRA ACCOUNT	01-17.E455	HRA ACCOUNT	400.00	400.00	106375
							.00	106368
MISSION SQUARE RETIREMENT	M000600	01/10/25	EMPLPR010425	01-00.2020	DEF COMP MISSION SQUARE	150.00	150.00	106382
MISSION SQUARE RETIREMENT	M000600	12/21/24	EMPL122124	01-00.2020	DEF COMP MISSION SQUARE	150.00	150.00	106389
REPUBLIC SERVICES	R000264	12/15/24	055101611330	01-12.B102	DISPOSAL/RECYCLING	863.91	863.91	065279
TRANSAMERICA RETIREMENT	T000415	12/27/24	EMPLPR122124	01-00.2026	DEF COMP IPPFA	516.84		
		12/27/24	EMPLPR122124	01-00.2027	DEF COMP IPPFA ROTH	582.25		
		12/27/24	EMPLPR122124	01-00.2028	DEF COMP OPPFA LOAN REPAY	212.00	1311.09	106373
TRANSAMERICA RETIREMENT	T000415	01/10/25	EMPLPR010425	01-00.2026	DEF COMP IPPFA	481.68		
		01/10/25	EMPLPR010425	01-00.2027	DEF COMP IPPFA ROTH	672.00		
		01/10/25	EMPLPR010425	01-00.2028	DEF COMP IPPFA LOAN REPAY	212.00	1365.68	106380
U.S. POSTAL SERVICE	U000130	01/09/25	REFILL	01-11.B119	Postage Machine Refill	1000.00	1000.00	106384
						=====	=====	
					Total Payments:	338471.96	338471.96	
					ACH Payments Total:	334328.82	.00	
					Check Payments Total:	4143.14	338471.96	

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
BAXTER & WOODMAN, INC.	B000120	12/16/24	0266857	02-48.0504	Venard Force Main CS	315.00			
		12/16/24	0266869	02-49.0502	Wroble Force Main Design	6588.75	6903.75	106434	
						=====	=====		
					Total Payments:	6903.75	6903.75		
					ACH Payments Total:	6903.75	.00		
					Check Payments Total:	.00	6903.75		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	B000120	12/16/24	0266859	03-20.0504	CGD System CS	1653.75	1653.75	106435
CONCENTRIC INTEGRATION, LLC	C000410	12/16/24	0266873	03-22.0506	Gas Detection SCADA Integ	1695.00	1695.00	106436
						=====	=====	
Total Payments:						3348.75	3348.75	
ACH Payments Total:						3348.75	.00	
Check Payments Total:						.00	3348.75	

DATE _____

REVIEWED _____

TRUSTEE APPROVAL _____

PRESIDENT

CLERK

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		694755.15-
01-00.1001	CASH - PAYROLL ACCOUNT	164515.25	
01-00.2000	FEDERAL TAX WITHHELD	24909.20	
01-00.2001	STATE TAX WITHHELD	11764.15	
01-00.2002	SOCIAL SECURITY WITHHELD	18822.91	
01-00.2003	IMRF WITHHELD	10130.64	
01-00.2013	CREDIT UNION WITHHELD	5474.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	9277.32	
01-00.2017	VOLUNTARY GROUP LIFE	224.00	
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC	300.00	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	998.52	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	1254.25	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	424.00	
01-05.3001	USER RECEIPTS	2287.30	
01-11.B100	ELECTRICITY	660.04	
01-11.B101	NATURAL GAS	220.58	
01-11.B102	WATER, GARBAGE AND OTHER UTILITIES	76.22	
01-11.B110	BANK CHARGES	39.57	
01-11.B112	COMMUNICATION	1981.39	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	564.40	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	3031.63	
01-11.B116	SUPPLIES	608.66	
01-11.B117	EMPLOYEE/DUTY COSTS	341.55	
01-11.B118	BUILDING AND GROUNDS	2803.12	
01-11.B119	POSTAGE	1000.00	
01-11.B121	USER BILLING MATERIALS	10578.29	
01-11.B124	CONTRACT SERVICES	26502.67	
01-11.B137	MEMBERSHIPS/SUBSCRIPTIONS	160.00	
01-11.C222	GAS/FUEL	155.65	
01-11.C225	OPERATION/REPAIR	24.97	
01-12.B100	ELECTRICITY	9456.96	
01-12.B101	NATURAL GAS	988.41	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	1548.70	
01-12.B104	FUEL - GENERATORS	225.00	
01-12.B112	COMMUNICATION	1976.10	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	476.67	
01-12.B116	SUPPLIES	1934.47	
01-12.B117	EMPLOYEE/DUTY COSTS	2917.34	
01-12.B131	SLUDGE HAULING/DISPOSAL SERVICES	68324.00	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	4789.26	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	3295.82	
01-12.B504	EQPT/EQPT REPAIR - GRIT REMOVAL	1488.20	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	6759.31	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	700.00	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	2225.23	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	672.95	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	3791.54	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	1503.53	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	32730.62	
01-12.B809	BLDG AND GROUNDS - SLUDGE DEWATERING	13.41	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	32879.57	
01-12.C222	GAS/FUEL	1351.17	
01-12.C225	OPERATION/REPAIR	901.05	
01-13.B112	COMMUNICATION	215.59	
01-13.B114	CHEMICALS	9772.29	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	2090.00	
01-13.B116	SUPPLIES	908.11	
01-13.B117	EMPLOYEE/DUTY COSTS	902.31	
01-13.B123	OUTSIDE LAB SERVICES	1842.80	
01-13.C222	GAS/FUEL	61.10	
01-13.C225	OPERATION/REPAIR	10.45	
01-14.B112	COMMUNICATION	1794.92	
01-14.B113	EMERGENCY/SAFETY EQUIPMENT	204.87	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	24.98	
01-14.B116	SUPPLIES	1145.08	
01-14.B117	EMPLOYEE/DUTY COSTS	940.50	
01-14.B127	JULIE SYSTEM	4031.34	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	1173.49	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	70431.58	
01-14.C222	GAS/FUEL	1290.13	
01-14.C225	OPERATION/REPAIR	1298.44	
01-15.B100	ELECTRICITY	12069.32	
01-15.B112	COMMUNICATION	750.98	
01-15.B521	EQPT/EQPT REPAIR - CENTEX	1431.00	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	11508.50	
01-15.B525	EQPT/EQPT REPAIR - LIBERTY PARK	984.55	
01-15.B528	EQPT/EQPT REPAIR - WROBLE	1681.24	
01-15.B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	8.50	
01-15.B828	BLDG AND GROUNDS - WROBLE	1414.00	
01-17.E455	EMPLOYEE GROUP HEALTH	55169.37	
01-17.E460	IMRF	12697.13	
01-17.E461	SOCIAL SECURITY	18822.99	
02-00.1000	CASH		6903.75-
02-48.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	315.00	
02-49.0502	DESIGN ENGINEERING/ARCHITECTURAL	6588.75	
03-00.1000	CASH		3348.75-
03-20.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	1653.75	
03-22.0506	CONSTRUCTION CONTRACTS AND PURCHASES	1695.00	
		=====	
		705007.65	705007.65-

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

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

DATE: January 21, 2025

RE: Employee Policy Manual Revision - District Vehicle and Equipment and the addition of Use of Recording Devices in the Workplace

Proposed modifications to Section 4.4 District Equipment and Vehicles and a new section 4.28 regarding the Use of Recording Devices in the Workplace in the Employee Policy Manual are shown in the attached marked up document. The numbering of the sections following 4.28 will be updated accordingly. The reasons for these recommended changes are provided below.

1. We do not currently have anything in the policy related to accidents that occur while operating District vehicles. This addition will help protect the District and employees who may be involved in an accident.
2. To protect the privacy of staff, we are adding a policy regarding personal recording devices in the workplace with reference to the Illinois law.

I will be requesting Board approval of the attached proposed changes to Section 4.4 and 4.28 of the Employee Policy Manual at the Board's regular meeting on January 21, 2025.

Enclosure

cc: KJR, RTJ, MJS, DM

it is issued is prohibited and will be cause for disciplinary action. Falsifying, counterfeiting or allowing another person to use the badge shall be cause for termination of employment. Upon termination of employment, the card must be returned to the District office or the employee's supervisor.

4.4 District Equipment and Vehicles

In the course of employment, an employee may be issued District equipment, keys or access control devices. District equipment or property must not be used for personal purposes at any time, except as noted below. Moreover, personal business, including but not limited to maintenance of personal vehicles or other items should not be conducted on District property.

District vehicles are to be used for official District business only. Employees are not to use District vehicles for personal shopping, personal errands, or any other personal use. District vehicles are to be used for transporting District personnel and other individuals for District business only. Personal friends, relatives, hitchhikers, or others are not allowed to ride in District vehicles. Employees should be aware that the Sanitary District insurance does not cover District vehicles or personnel when vehicles are operated for personal reasons. This non-coverage includes liability as well as damage to the vehicle. As a result, an employee undertaking personal business and involved in an accident with a District vehicle could be personally liable for injuries and all property damage, including damage to the District vehicle.

The District prohibits employees from using any personal electronic device while driving for District business, unless the device permits hands-free listening, talking or texting, and is so used while driving. Employees must comply with all applicable laws regarding cell phone use while driving. Violation of this policy may lead to disciplinary action up to and including termination of employment.

Further, any vehicle citations employees receive for violating any driving laws while driving on District business, including cell phone/personal electronic device usage laws, are the employees' responsibility. The District will not pay for any such tickets or citations. It is each employee's responsibility to operate their vehicle in a safe and legal manner.

Accidents that occur while operating a District vehicle while on District premises should be reported to a supervisor immediately. Accidents that occur off the premises of any District property will require a police report and should also be reported to a supervisor as soon as possible. The driver and any employee witness must fill out the Vehicle Accident Report found on the employee portal. The District will conduct an investigation of the accident to determine if there were any behaviors present that may have contributed to the cause of the accident. These investigations will be conducted by the Administrative Supervisor and employee's cooperation will be required. Failure to cooperate in any investigation may result in disciplinary action.

4.26 Personal Property and Employee Expense Reimbursement

The District will not replace or reimburse the personal property of employees which may be lost or damaged on District property or during work hours. Personal property includes cell phones and/or other personal electronic devices, clothing, jewelry, glasses or contacts, or other personal items brought to the work place.

The District issues communication devices, such as radios, cell-phones, tablets, or laptop computers to employees to conduct job-related communications. Use of personal communication devices or services for District business is not required of employees and will therefore not be reimbursed unless an emergency circumstance arises justifying such use. With multi-factor authentication, the District may request employees use personal devices for security purposes but will investigate other means available to avoid that usage.

Mechanics are required to keep a basic set of personal hand tools sufficient to perform District work. The District shall replace a personal hand tool in the event it is lost, damaged or stolen in the course of performing District work. Any tools or related equipment beyond this basic set shall be excluded from this policy.

In the event of a major loss of tools from this basic set, a limit on replacement by the District will be at the discretion of the General Manager.

From time to time in the course of work, employees may incur expenses directly related to services performed for the District. The District may reimburse employees for said expenses subject to the requirements of this section and other pertinent sections of this manual. Reimbursable expenses shall be subject to prior approval of a supervisor. Such expenses shall be made in accordance with the procurement or travel reimbursement policy of the District which is attached and made a part of the employee manual. Reimbursement without mark-up will be made after submittal of supporting documentation, such as detailed receipts, which shall be reviewed by the approving supervisor for consistency with prior approval. Employees shall present said documentation within a reasonable timeframe of incurring the expense, but no later than 60 calendar days after incurring the expense. Reimbursement shall be made following, and subject to, the District's claim review and approval procedures.

4.27 Listening Devices/Music

The playing of music, use of headphones or earbuds, or other audible media is at the discretion of the Supervisor. The Supervisor may require that it be turned off at any time. It should not be played at volume levels that create or pose a risk to any employee's health or safety. The use of hearing protection is allowed for health and safety purposes only.

4.28 Use of Recording Devices in the Workplace

It is illegal in Illinois to record audio or video of anyone without consent. See Illinois State Statute 720 ILCS 5/26-4. The District prohibits the use of any recording device on

District property or while in District equipment. The District has cameras throughout the facilities to protect District property and the safety of employees. District cameras are not located in areas where employees have a reasonable expectation of privacy. If an employee sees a recording device or suspects they are being recorded by any District employee without their consent, the employee should report this to their Supervisor, the Administrative Supervisor, or the General Manager.

4.298 Entry and Access to the Wastewater Treatment Center

The gate into the Wastewater Treatment Center is to be secured at all times. The last employee leaving the Wastewater Treatment Center every day is responsible for verifying that the gate is secured. Employees should not give access to any visitors or vendors unless preapproved. Vendors in need of access to the plant to complete work will be provided with a security PIN code for the gate by the Administrative Supervisor, Maintenance Supervisor, or General Manager.

4.3029 Driver's Licenses

Any employee who drives a District vehicle in the course of their work must possess a valid State of Illinois Driver's License, including a Commercial Driver's License if applicable. If an employee has their driver's license suspended, revoked or canceled or who becomes disqualified or loses their right to operate a motor vehicle for any period of time, they must notify their supervisor before the end of the business day following the day the employee receives notice of the suspension, revocation, cancellation, disqualification or lost privilege. An employee who fails to notify their supervisor, or who operates a District vehicle without a valid driver's license, shall be subject to appropriate disciplinary action up to and including termination of employment.

4.310 Telecommuting Policy

In the event of an emergency such as a weather disaster or pandemic, the District may allow or require employees to temporarily work from home to ensure business continuity. The District may also allow employees to work remotely for reasons other than an emergency. These arrangements must be approved by the employee's supervisor or General Manager in advance when possible.

Employees should not assume any specified period of time for emergency telework arrangements, and the District may require employees to return to regular, in-office work at any time. Remote work may not be appropriate for all positions. The supervisor and/or General Manager will determine the possibility for remote work based on each position and its requirements. The District will provide a biweekly reimbursement to employees for their use of their home internet and personal devices for the duration of the remote work requirement if the reason for remote work is at the request of the District. If the remote work arrangement is for personal reasons not at the request of the District, no

DOWNERS GROVE SANITARY DISTRICT
2024 WWTC PERFORMANCE REPORT

DOWNERS GROVE SANITARY DISTRICT 2024 WWTC PERFORMANCE REPORT

TO: Board of Trustees

FROM: Amy R. Underwood
General Manager

DATE: January 17, 2025

SUMMARY OF 2024 OPERATIONS

Total Flow to WWTC: 3,785,085,400 gallons
Average Daily Flow: 10.37 MGD

Total Complete Treatment Flow: 3,682,368,800 gallons
Average Daily Complete Treatment Flow: 10.09 MGD

District Billed Flow: 1,750,903,938 gallons
Ratio of Billed Flow to Total WWTC Flow: 46.3%
Ratio of Billed Flow to Total Complete Treatment Flow: 47.5%

Precipitation Total for 2024: 36.19''

Net ComEd Electrical Consumption: 94,501 KW Hrs.
Average Daily ComEd Electric Usage: 259 KW Hrs.

Complete Treatment Flow Characteristics – Average Daily Values

Influent Concentrations:	BOD	211 mg/L
	TSS	194 mg/L
	NH3-N	18.6 mg/L

Influent Loadings:	BOD	17,210 lbs. /day
	TSS	15,015 lbs. /day
	NH3-N	1,334 lbs. /day

Effluent Concentrations:	CBOD	1.7 mg/L
	TSS	1.0 mg/L
	NH3-N	0.3 mg/L

Effluent Loadings:	CBOD	146 lbs. /day
	TSS	97 lbs. /day
	NH3-N	27 lbs. /day

Biosolids Production, after digestion: 11,487,280 gallons
2,244,269 lbs. dry solids
1,122 dry tons

WASTEWATER TREATMENT CENTER(WWTC) FLOWS (TABLES 1, 2, 3 & 4)

As shown in **Table 1**, the total flow to the treatment center in 2024 was 3,785,085,400 gallons, with 97.3% of this total, or 3,682,368,800 gallons, receiving tertiary treatment. The total flow for the year equates to an average daily flow of 10.37 MGD as compared to an average tertiary flow of 10.09 MGD. Excess flow treatment was in operation for 324 hours during the year, or 3.7% of the time, and accounted for 102,698,600 gallons.

Table 2 compares the 2024 flows to the past 49 years:

- 2024 was an average precipitation year, with the annual rainfall of 36.19 inches being slightly below the median annual precipitation total for the 49-year reporting period. This resulted in the 20th lowest historic total flow volume of 3,785.1 MG. The 49-year reporting period has an annual average of 34.31 inches of rainfall. In comparison, the past ten years has had an average of 40.00 inches of annual rainfall.
- The tertiary or complete treatment volume of 3,682.4 MG for 2024 was the 24th lowest flow year at the WWTC when viewed over the 49-year period, making it very close to the median.
- The excess flow volume of 102.7 MG for 2024 was the 12th lowest for the 49-year period.

Wet weather discharges are summarized in **Table 3**. Outfall 002, which discharges to St. Joseph Creek, was in use for 208 hours in 2024 and accounted for 139.7 MG. The operation hours represent 2.4% of the year. The St. Joseph discharge for 2024 represented 3.7% of the total flow. St. Joseph Creek is intended to be used when the combined tertiary and excess flows exceed the capacity of the Outfall 001 pipe, rated for 30.0 MGD. The September and October flows were due to diversion to Outfall 002 from Outfall 001 for the Outfall 001 lining project. Without this diversion, the Outfall 002 was only used for 115 hours (1.3% of the year) in 2024, accounting for 88.0 MG (2.3% of the total).

Outfall C01 discharge can be used when flows exceed both the tertiary plant capacity and the capacity of the excess flow clarifiers. Intermediate Clarifier No. 1 is temporarily converted from a tertiary treatment unit to an excess flow treatment unit. This outfall was not used in 2024.

Outfall 003 can be used when peak flows exceed both the tertiary plant capacity and the capacity of the excess flow clarifiers. Operators typically do not use Outfall 003 until Outfall C01 is already in service. Intermediate Clarifiers Nos. 2 & 3 are temporarily converted from tertiary treatment to excess flow treatment units. This outfall was not used in 2024.

As shown in **Table 4**, the current plant design of 11.0 MGD for tertiary treatment was exceeded on 98 days, or 26.7% of the days, during 2024.

WWTC CAPACITY (TABLE 5)

The Illinois EPA determines remaining capacity at a treatment facility by reviewing the past twelve months of average influent flow data at the facility. The three lowest flow months for the period plus outstanding Illinois EPA permits for new development issued to the District over the past two years determines the remaining hydraulic capacity. **Table 5** indicates the remaining capacity at the WWTC during the course of the past six years. As indicated, the WWTC is currently at 63% capacity in terms of remaining hydraulic capacity. This is based on an average flow of 6.9 MGD, which is the average of the three lowest flow months during 2024. Remaining capacity, based on organic loading, is also indicated in **Table 5**. The WWTC organic loading is currently in the range of 81% to 122% of capacity, depending on the parameter. Organic loading can be used by IEPA as an indicator of reserve capacity if hydraulic limits are approached or operational difficulties stem from high organic loading.

TREATMENT PROVIDED (TABLES 6, 7 and 8)

The yearly average effluent results in 2024 were well below the NPDES Permit requirements. The effluent CBOD concentration averaged 1.7 mg/l, TSS was at 1.0 mg/l, and ammonia-nitrogen was 0.3 mg/l. Over the ten-year period, as indicated in **Table 6**, the yearly averages have ranged from 1.0 to 1.7 mg/L for CBOD, 0.6 to 1.2 mg/L for TSS, and 0.2 to 0.6 mg/L for ammonia-nitrogen.

Table 7 provides the monthly process performance and removal values for 2024. Removal of BOD through tertiary treatment (i.e., the sand filters) appears to be negative in June. The filter on the end of the intermediate effluent sampler tube plugs with algae during the sunny, warm months. It is believed that the algae consumes BOD, and hence the samples' BOD results are not representative of the intermediate effluent. Keeping algae out of the filter would require cleaning it multiple times each day. Since this sample is for internal process monitoring and not compliance, a solution to this issue has not been a priority. Staff will be reviewing this to hopefully find a low maintenance solution.

A ten-year history indicating yearly process performance and removal values is presented in **Table 8**.

NPDES PERMIT COMPLIANCE (FIGURES 1, 2 & 3)

Figures 1, 2 and 3 illustrate the performance of the WWTC over the last ten years, comparing the influent and effluent concentrations of the three major pollutants identified in the District's NPDES permit with the corresponding permit limits.

The WWTC operated with three permit excursions in 2024.

- Daily maximum fecal coliform concentration excursions occurred at Outfall 001 and Outfall 002 on July 16. While this was the same sample, it counts as two permit

excursions as it was reported for each outfall separately. District staff have not been able to determine the cause of this excursion. Treatment processes were operating normally (i.e., proper residual chlorine and contact time). The excess flow clarifiers were full when the half-day high flow event started as it was preceded by two high flow events which occurred on the previous two days. District staff suspect it was a factor in causing the excursion. This is not a common situation, so staff do not have the opportunity to troubleshoot it.

- A daily maximum ammonia-N concentration excursion occurred for B01 (i.e., the flow receiving complete treatment) on October 16. The excursion occurred on a day when the programmable logic controller (PLC) which normally controls the activated sludge process was out of service for replacement. The PLC being out of service impacted wastewater flow splits to the aeration tanks, return activated sludge flow splits, and process air supply.

SLUDGE QUANTITIES (TABLES 9 and 10)

Total raw sludge pumping to the digestion processes is shown in **Table 9**. The total of primary sludge, waste activated sludge (WAS), thickened waste activated sludge (TWAS) and hauled grease waste was 17,692,019 gallons for 2024. This is 11.4% lower than in 2023.

The primary sludge pumped to the digesters in 2024 was 9,018,200 gallons. This is 23% less than the ten-year average of 11,717,689 gallons. In 2024, the DGSD operators made operational changes in the WWTC to optimize treatment. One of the goals of this is to effectively control the number of filamentous bacteria. The results of these changes were just becoming evident at the end of 2024. One of the areas operators focused on was the sludge concentrators. Operators slowly made modifications to get clear water over the weirs. This culminated in October when the operators decided to remove the redundant sludge concentrator from service. The sludge concentrators no longer act as digesters, which has significantly reduced the recycled solids to the head of the plant. Operations staff expect the monthly primary sludge pumping to be closer to the December 2024 volume in the future.

3,985,980 gallons of WAS was sent directly to the digester, a significant increase over the past year, as well over 2021 and 2022. This was due to the WAS thickener being out of service for several months throughout the year.

The reduction in digester supernatant (clear water decanted from the process) that was made in 2023 has been continued in 2024.

The hauled grease waste accepted at the WWTC was 2,996,079, which is a 2.7% increase from 2023. Ideally, the annual grease volume accepted by the WWTC would be closer to the amount accepted in 2022, which was a little over 3,800,000 gallons. To avoid exceeding the capacity of the waste gas burners (flares), the WWTC accepts less hauled grease waste when the CHP units are out of service. While the CHP units were in service more in 2024 than 2023, they were still out of service for maintenance more frequently than desired.

In 2024, total digested sludge pumping was 11,487,280 gallons. Of the total, 81.6% or 9,374,300 gallons was dewatered on the belt filter press. 388,460 gallons, or 3.4% of the total, was placed in the sludge lagoons seeded with reeds. The remaining 15.0% of the digested sludge in 2024, or 1,724,520 gallons, was dewatered on the drying beds. A ten-year history on sludge production is included in **Table 10**.

BIOSOLIDS DISPOSAL (TABLE 11 & 12)

Table 11 summarizes the Class A biosolids distribution for the last ten years. Class A biosolids disposal through the public distribution program for 2024 totaled 1,582 cubic yards, which is comparable to the 2023 total but below the average for the last ten years. Deliveries for 2024 accounted for 74% of the total or 1,167 yards. This includes 17 cubic yards of composted biosolids from the 2021 pilot program. The pickup station accounted for 13% or 211 yards. The District did not use any biosolids at its facilities in 2024. Contractor pickup was 13% of the total or 204 yards, which is comparable to the amount picked up by contractors in 2023.

Table 12 compares the Class A and Class B biosolids disposal for the last ten years. The Class B land application of 6,116 cubic yards in 2024 was the largest amount since the District started using this disposal method in 2016. Due to a few WWTC budgeted expenses being delayed, the District had the funds to complete an extra Class B hauling (land application) in 2024. Removing extra Class B biosolids freed up space so that the biosolids mechanics could test out a different method of stacking belt press cake in the bins. The method was successful, getting (and keeping) more water out of the biosolids. The land application contractor complimented the District on the biosolids being easier for them to handle.

UTILITIES (TABLES 13, 14, and 15)

Table 13 summarizes the monthly utility usage for 2024 and also provides a ten-year summary. Natural gas consumption for 2024 was at 716,200 cubic feet, which is comparable to the natural gas consumption in 2023.

City water consumption for the year was 919,841 gallons. This was lower than in 2023, likely due to the OSEC unit (hypochlorite generator) no longer being in service. The city water consumption was not as low as it was in 2018 and 2019 when the OSEC was out of service. This is due to the District piping city water to the bulk hypochlorite system in 2024 and using it for makeup water. The switch from plant effluent water to city water was made due to the plant effluent water causing build up in the hypochlorite lines.

The total 2024 net electricity from ComEd was 94,501 kW-hours, for an average daily use of 259 kW-hours. This is the second year of net positive electricity after two years of net negative electricity. This is due to one or both CHP units being out of service for maintenance frequently through the year.

Table 14 provides a long-term comparison of electrical usage and wastewater flows.

Table 15 provides a monthly Net Energy Summary for the WWTC. All energy used and produced in the WWTC is taken into consideration and not just electricity from ComEd. Unfortunately, the WWTC was unable to meet the District's goal of being a net zero energy facility for 2024. The WWTC's ability to operate at net-zero energy was impacted by the above-mentioned CHP maintenance. Another contributing factor was the weather in January. As shown in **Table 1** and **Table 4**, January had the highest monthly flow total for 2024 with flows above 11 MGD for 61% of the days in the month. When flows are above 11 MGD, at least one additional raw sewage pump needs to operate, resulting in power being purchased from the utility. In addition to the high flows, January had several extremely cold days which required additional energy to heat buildings and the digesters.

An annual Net Energy Summary for the WWTC has been added to **Table 15**. This provides net energy information back to 2018, which is the first year that all the data required to calculate net energy was included in the District's information management database, Hach WIMS.

Figure 4 illustrates the history of energy production and use at the WWTC since 2002, including the impacts of the energy efficiency improvements to the facility.

DIGESTER GAS UTILIZATION (TABLE 16)

Table 16 summarizes the digester gas utilization throughout the WWTC. Total digester gas production for 2024 was at 63,911,191 cubic feet, for a daily average of 174,621 cubic feet. Gas was utilized in the CHP facility, where a total of 53,798,984 cubic feet of gas was used in 2024. The digester heat exchangers used 1,508,768 cubic feet of gas, a significant decrease from 2023. Wasting of digester gas (gas flared) totaled 2,694,954 cubic feet in 2024, a significant decrease from 2023. Gas is flared when the supply exceeds the demand and when needed due to equipment outages. The significant decrease in digester gas use by the heat exchangers and the waste gas burners is due to the CHP units, from which heat is recovered to the digesters, being in service more in 2024 than 2023 resulting in less heat demand from the heat exchangers and less excess gas to be wasted. The decrease in natural gas use in the heat exchangers between 2023 and 2024 is more noticeable than the increase in power produced by the CHP units. This is because the CHP units were out of service during the cold weather months in 2023 when more heat is required to maintain digester temperature whereas the CHP units were out of service during warmer months in 2024.

The dehumidifier in the sand filter building used 5,908,485 cubic feet of gas. As can be seen in the ten-year summary at the bottom of **Table 16**, this is a significant increase in comparison to the previous three years. It is, however, comparable to the 2015 and 2020 gas usage. The influent gas valve to the dehumidifier does not close completely and allows gas into the dehumidifier when it is not running. Staff have no way of knowing how long this was occurring, but it is a likely cause for the dehumidifier gas usage being high in 2024. The valve will be fixed as soon as the outdoor conditions allow staff to do the work.

CHEMICAL USAGE (TABLES 17 and 18)

Table 17 summarizes the monthly chemical usage at the WWTC during 2024, and **Table 18** provides a ten-year summary. Sodium hypochlorite and sodium bisulfite were utilized for the year for disinfection and dechlorination. In 2024, hypochlorite was used at 17.1 pounds per million gallons of tertiary flow, an increase compared to 2023.

When hypochlorite is used for filamentous control, the amount of hypochlorite reported for excess flow includes the totals used to treat return activated sludge (RAS) for filamentous control. The process improvements previously mentioned were sufficient in 2024 that the District did not have to chlorinate the RAS.

All hypochlorite used in 2024 was bulk hypochlorite, i.e. purchased. The OSEC unit (hypochlorite generator) reached the end of its useful life in September 2023. The District's long-term needs for disinfection will be analyzed in the current Facility Planning effort.

Sodium bisulfite was used at a rate of 7.8 pounds per million gallons.

In 2024, dewatering polymer use, which is for the belt filter press, was 18,000 pounds for 2,244,269 pounds of sludge on a dry solids basis and equated to 6.7 pounds of active polymer per dry tons of solids. Thickening polymer use, which is for the WAS Thickener, was 14,400 pounds for 814,951 pounds of sludge on a dry basis and equated to 14.1 pounds of active polymer per dry tons of solids.

NUTRIENTS (TABLES 19 and 20)

The NPDES permit requires routine monitoring of influent and effluent total phosphorus and total nitrogen concentrations. **Table 19** summarizes that data and applies the concentration data to the monthly flows to estimate loads. 43% removal of total phosphorus and 50% removal of total nitrogen occurred across the WWTC in 2024.

Table 20 compares the annual average nutrients influent, effluent and percentage removals since monitoring began in 2015. Percent removal of phosphorus was lower in 2024 than the average for the ten-year period shown, and percent removal of nitrogen was slightly less in 2024 than the average for the ten-year period.

The Phosphorus Discharge Optimization Plan, submitted in July 2017, committed to continuing the attempt to achieve biological phosphorus removal within the existing facilities. The RAS fermenter, which was started in June 2016, was taken out of service in July 2022 as it was not providing the desired phosphorus removal and causing other operational issues. The average phosphorus removal from 2016 to 2022 was 48%, which is a little higher than the average of the other three years (i.e., 2015, 2023, 2024) of 41%. In 2025, District staff will collect data from the existing WWTC to be used to recalibrate the BioWin model of the facility and then use the model to re-evaluate nutrient removal modifications that may be used in the future.

SUMMARY

The rainfall and total flow to the WWTC in 2024 were typical in comparison to the medians for the 49-year reporting period.

Billable flow as a proportion of total flow was approximately 46%, reflecting the high proportion of inflow and infiltration (I/I) in the collection system due to annual precipitation. The need for collection system I/I reduction continues.

Plant reserve capacity appears to be adequate. Dry weather low flows remain well below the plant's hydraulic capacity, the primary method used to determine reserve capacity.

Overall, plant effluent quality was excellent for parameters controlled in the NPDES permit. The plant operated with three permit excursions in 2024. The two fecal coliform excursions were from the same sample and potentially due to the rare situation of back-to-back wet weather events which did not provide sufficient time for the excess flow tanks to be emptied between events. The ammonia-N excursion occurred when the operators were essentially operating the activated sludge system blind during a PLC replacement.

Biosolids disposal through the public distribution program was at a ten-year low in 2022. In the past two years, District staff have been successful in getting renewed interest from customers, and the Class A distribution is up by approximately 30% over 2022 but remains low for the ten-year period. The lower public demand is believed to be due to the finished product being less desirable after the District began co-digesting sludge and hauled grease waste. Since the District implemented its co-digestion operation, the dewatered product takes longer to dry and will not stay dry after rain. As a result, sufficient drying bed space is not available to produce a Class A product from all the co-digested biosolids and a portion of it has to be disposed of as a Class B product. For these two reasons, Class B hauling and land application through a contractor were performed again in 2024. The District is working on improving the quality of our biosolids through the revised stacking method previously mentioned. In addition, the District's consulting engineer recently completed a biosolids study which provides a recommendation on how to improve the quality of our biosolids and thereby reduce or eliminate the need for Class B land application. District staff are currently reviewing the memorandum summarizing the consultant's recommendations.

While the CHP units were in service more in 2024 than in 2023, the out of service period was still significant. The goal when the new CHP 1 was installed in 2021 was for each unit to be in service for 89% of the time. In 2024, CHP 1 was in service 72% of the time, and CHP 2 was in service 68% of the time. This resulted in the WWTC not meeting its goal of being a net zero energy facility for more than half the time in 2024. District staff are working with the CHP manufacturer to resolve the maintenance issues.

**TABLE 1
WWTC FLOW
2024**

<u>MONTH</u>	<u>PRECIPITATION INCHES</u>	<u>TERTIARY FLOW RECEIVED (MG)</u>	<u>EXCESS FLOW RECEIVED (MG)</u>	<u>TOTAL FLOW RECEIVED (MG)</u>	<u>EXCESS FLOW HOURS ON</u>	<u>EXCESS FLOW % HRS. ON</u>	<u>EXCESS FLOW % OF TOTAL</u>
Jan	3.02	440.78	43.32	484.10	114.10	15.34	8.95
Feb	0.53	272.87	0.00	272.87	0.00	0.00	0.00
Mar	4.03	379.55	8.83	388.38	24.10	3.24	2.27
Apr	4.09	412.88	27.84	440.72	95.80	13.31	6.32
May	3.84	417.03	7.84	424.86	46.40	6.24	1.84
Jun	4.67	301.78	1.39	303.17	3.40	0.47	0.46
Jul	4.42	303.12	12.99	316.11	36.80	4.95	4.11
Aug	3.60	248.14	0.00	248.14	0.00	0.00	0.00
Sep	1.11	199.79	0.00	199.79	0.00	0.00	0.00
Oct	1.27	191.53	0.00	191.53	0.00	0.00	0.00
Nov	3.68	269.99	0.49	270.47	3.00	0.42	0.18
Dec	1.93	244.94	0.00	244.94	0.00	0.00	0.00
TOTALS	36.19	3,682.39	102.70	3,785.09	323.60	3.69	2.71

WWTC FLOW RATES FOR 2024

Daily average total treatment flow - 10.37
 Daily average tertiary treatment flow - 10.09
 Daily average excess treatment flow - 0.28

TABLE 2
VOLUME OF FLOW RECEIVED AND DURATION OF EXCESS FLOW OPERATION
January 1, 1976 to December 31, 2023

PERIOD	PRECIPITATION INCHES	TERTIARY FLOW	EXCESS FLOW RECEIVED MG	TOTAL FLOW RECEIVED MG	% EXCESS OF TOTAL FLOW	OPERATIONAL HRS. EXCESS FLOW	% EXCESS OF TOTAL HRS.
1/1/76 - 12/31/76	29.39	2,960.9	174.9	3,135.8	5.6%	400.25	4.6%
1/1/77 - 12/31/77	33.22	3,334.6	104.5	3,439.1	3.0%	329.50	3.8%
1/1/78 - 12/31/78	31.02	3,419.0	228.3	3,647.3	6.3%	790.25	9.0%
1/1/79 - 12/31/79	36.55	3,518.2	820.8	4,339.0	18.9%	1,791.25	20.4%
1/1/80 - 12/31/80	33.00	3,866.1	235.0	4,101.1	5.7%	697.50	7.9%
1/1/81 - 12/31/81	23.02	3,510.1	141.0	3,651.1	3.9%	347.00	4.0%
1/1/82 - 12/31/82	33.10	3,531.3	370.3	3,901.6	9.5%	826.87	9.4%
1/1/83 - 12/31/83	34.34	3,726.4	328.0	4,054.4	8.1%	613.50	7.0%
1/1/84 - 12/31/84	25.38	3,742.1	206.5	3,948.6	5.2%	456.75	5.2%
1/1/85 - 12/31/85	31.97	3,611.2	228.0	3,839.2	5.9%	440.26	5.0%
1/1/86 - 12/31/86	25.60	3,550.1	54.3	3,604.4	1.5%	162.83	1.9%
1/1/87 - 12/31/87	33.47	3,754.9	187.3	3,942.2	4.8%	374.38	4.3%
1/1/88 - 12/31/88	22.56	3,518.6	148.2	3,666.8	4.0%	446.07	5.1%
1/1/89 - 12/31/89	25.19	3,377.9	62.9	3,440.8	1.8%	110.58	1.3%
1/1/90 - 12/31/90	43.12	4,189.3	286.4	4,475.7	6.4%	413.33	4.7%
1/1/91 - 12/31/91	39.06	4,064.8	173.8	4,238.6	4.1%	257.79	2.9%
1/1/92 - 12/31/92	30.34	3,609.3	59.4	3,668.7	1.6%	97.20	1.1%
1/1/93 - 12/31/93	40.83	4,056.9	307.1	4,364.0	7.0%	416.11	4.8%
1/1/94 - 12/31/94	33.03	3,555.8	85.6	3,641.4	2.4%	160.68	1.8%
1/1/95 - 12/31/95	29.87	3,684.8	174.6	3,859.4	4.5%	275.70	3.1%
1/1/96 - 12/31/96	37.50	3,672.2	141.7	3,813.9	3.7%	193.40	2.2%
1/1/97 - 12/31/97	34.18	3,582.0	178.5	3,760.5	4.7%	239.40	2.7%
1/1/98 - 12/31/98	45.05	4,088.6	269.6	4,358.2	6.2%	479.80	5.5%
1/1/99 - 12/31/99	31.38	3,716.3	228.9	3,945.2	5.8%	347.33	4.0%

PERIOD	PRECIPITATION INCHES	TERTIARY FLOW	EXCESS FLOW RECEIVED MG	TOTAL FLOW RECEIVED MG	% EXCESS OF TOTAL FLOW	OPERATIONAL HRS. EXCESS FLOW	% EXCESS OF TOTAL HRS.
1/1/00 - 12/31/00	33.98	3,565.5	142.9	3,708.4	3.9%	242.66	2.8%
1/1/01 - 12/31/01	35.51	4,158.0	171.2	4,329.2	4.0%	287.46	3.3%
1/1/02 - 12/31/02	29.23	3,594.0	107.5	3,701.5	2.9%	200.71	2.3%
1/1/03 - 12/31/03	32.63	3,343.4	99.3	3,442.7	2.9%	211.13	2.4%
1/1/04 - 12/31/04	37.31	3,436.5	97.9	3,534.4	2.8%	184.64	2.1%
1/1/05 - 12/31/05	27.09	3,443.8	101.4	3,545.2	2.9%	162.25	1.9%
1/1/06 - 12/31/06	47.08	4,337.0	135.9	4,472.8	3.0%	315.57	3.6%
1/1/07 - 12/31/07	36.06	3,709.0	124.7	3,833.7	3.3%	228.15	2.6%
1/1/08 - 12/31/08	47.45	4,085.2	297.2	4,382.4	6.8%	438.42	5.0%
1/1/09 - 12/31/09	45.10	4,134.5	373.4	4,507.9	8.3%	571.55	6.5%
1/1/10 - 12/31/10	40.11	3,742.3	217.1	3,959.4	5.5%	339.68	3.9%
1/1/11 - 12/31/11	43.13	4,034.3	275.9	4,310.2	6.4%	638.12	7.3%
1/1/12 - 12/31/12	26.16	3,272.5	26.2	3,298.8	0.8%	69.88	0.8%
1/1/13 - 12/31/13	47.18	3,812.2	305.7	4,117.9	7.4%	392.85	4.5%
1/1/14 - 12/31/14	39.04	4,075.9	172.4	4,248.3	4.1%	409.63	4.7%
1/1/15 - 12/31/15	38.93	3,990.7	114.5	4,105.1	2.8%	233.84	2.7%
1/1/16 - 12/31/16	42.28	4,093.5	84.9	4,178.3	2.0%	204.37	2.3%
1/1/17-12/31/17	42.23	3,769.1	197.5	3,967.1	5.0%	283.50	3.2%
1/1/18-12/31/18	44.57	4,007.8	221.6	4,229.4	5.2%	311.40	3.6%
1/1/19-12/31/19	56.22	4,597.8	307.4	4,905.2	6.3%	511.20	5.8%
1/1/20-12/31/20	39.63	3,865.8	177.8	4,043.6	4.4%	245.10	2.8%
1/1/21-12/31/21	29.66	3,499.0	54.5	3,553.5	1.5%	147.80	1.7%
1/1/22-12/31/22	34.91	3,583.8	175.1	3,758.8	4.7%	433.5	4.9%
1/1/23-12/31/23	36.58	3,669.2	79.9	3,749.1	2.1%	220.4	2.5%
1/1/24-12/31/24	36.19	3,682.4	102.7	3,785.1	2.7%	323.6	3.7%
1/1/76 to 12/31/24	1,200.88	183,144.5	9,360.2	192,505.0		18,275.1	
Average Yearly Values	34.31	3,737.6	191.0	3,928.7	4.7%	373.0	4.3%

**TABLE 3
WET WEATHER DISCHARGES
2024**

MONTH	TO ST. JOSEPH CREEK CREEK OUTFALL 002		FROM INTERMEDIATE NO. 1 OUTFALL C01		FROM INTERMEDIATES NOS. 2 & 3 OUTFALL 003	
	MG	HOURS	MG	HOURS	MG	HOURS
Jan	37.78	86.10		0.00		0.00
Feb	0.00	0.00		0.00		0.00
Mar	9.07	19.50		0.00		0.00
Apr	22.25	60.30		0.00		0.00
May	2.66	14.60		0.00		0.00
Jun	1.58	2.50		0.00		0.00
Jul	14.59	24.40		0.00		0.00
Aug	0.00	0.00		0.00		0.00
Sep	8.61	0.00		0.00		0.00
Oct	43.10	0.00		0.00		0.00
Nov	0.08	0.60		0.00		0.00
Dec	0.00	0.00		0.00		0.00
Total	139.72	208.00		0.00		0.00
Total - Sep - Oct	88.01	115.20		0.00		0.00

*September and October Outfall 002 flows were not wet weather discharge. Flow was diverted from Outfall 001 to Outfall 002 while a section of the Outfall 001 pipe was replaced and the pipe was cleaned.

TABLE 4
DAYS AT OR ABOVE DESIGN FLOW OF 11.0 MGD

MONTH	<u>2024</u>				<u>10 YEARS</u>		
	<u>Days at 11.0 MGD or Above</u>	<u>Influent Avg. MGD for Month</u>	<u>% Days 11.0 MGD or Above</u>	<u>Total Rainfall (in.)</u>	YEAR	<u>% Days above 11.0 MGD</u>	<u>Rainfall (in.)</u>
Jan	19	14.73	61.3	3.02	2015	36	38.93
Feb	5	9.54	17.2	0.53	2016	35	42.28
Mar	18	12.26	58.1	4.03	2017	30	42.23
Apr	15	13.58	50.0	4.09	2018	35	44.57
May	17	13.03	54.8	3.84	2019	50	56.22
Jun	6	9.17	20.0	4.67	2020	30	39.63
Jul	5	9.21	16.1	4.42	2021	18	29.66
Aug	3	7.65	9.7	3.60	2022	29	34.91
Sep	0	6.70	0.0	1.11	2023	29	36.58
Oct	1	6.06	3.2	1.27	2024	27	36.19
Nov	5	9.06	16.7	3.68			
Dec	4	8.18	12.9	1.93			
Total	98	9.93	26.7	36.19			

Table 5
WWTC REMAINING CAPACITY
2024

	2019	2020	2021	2022	2023	2024
<u>Hydraulic Capacity</u>						
Three Low Flow Months Plant Flow (MGD)	Aug 8.3 Dec 10.3 Jul 10.5	Aug 6.5 Sep 7.6 Jul 8.2	Sep 6.3 Aug 7.3 Nov 7.9	Oct 5.2 Nov 6.8 Aug 7.1	Nov 7.1 Jun 7.2 May 8.0	Oct 6.2 Sep 6.7 Dec 7.9
Average, 3 Low Flow Months (MGD)	9.7	7.4	7.2	6.4	7.4	6.9
Annual Average Flow (PE)	97,000	74,000	72,000	64,000	74,000	69,000
IEPA Permitted Flow - last 2 years (PE)	99	422	717	515	178	36
Total Load (PE)	97,099	74,422	72,717	64,515	74,178	69,036
WWTC Hydraulic Capacity (PE)	110,000	110,000	110,000	110,000	110,000	110,000
Remaining Hydraulic Capacity (PE)	12,901	35,578	37,283	45,485	35,822	40,964
% of Hydraulic Capacity Utilized	88.27%	67.66%	66.11%	58.65%	67.43%	62.76%
<u>Organic Capacity</u>						
Influent Loadings (annual avg. lbs/day)						
BOD	16,676	16,854	16,878	16,602	18,176	17,210
TSS	15,427	14,654	14,665	14,654	14,889	15,015
NH3-N	1,506	1,319	1,312	1,262	1,278	1,334
WWTC Organic Capacity (lbs/day)						
BOD	14,120	14,120	14,120	14,120	14,120	14,120
TSS	15,920	15,920	15,920	15,920	15,920	15,920
NH3-N	1,651	1,651	1,651	1,651	1,651	1,651
% of WWTC Organic Capacity Utilized						
BOD	118.10%	119.36%	119.53%	117.58%	128.73%	121.88%
TSS	96.90%	92.05%	92.12%	92.05%	93.52%	94.32%
NH3-N	91.22%	79.89%	79.47%	76.44%	77.41%	80.80%

Table 6
DAILY AVERAGE CONCENTRATIONS
2015-2024

YEAR	EFFLUENT DAILY AVG. FLOW - MGD	INFLUENT (MG/L)			EFFLUENT (MG/L)		
		BOD	TSS	NH3-N	CBOD	TSS	NH3-N
2015	10.9	130	140	14.7	1.3	0.7	0.2
2016	11.2	189	183	16.1	1.1	0.6	0.2
2017	10.3	213	199	20.3	1.2	0.9	0.4
2018	11.0	230	210	18.7	1.5	1.2	0.6
2019	12.6	169	162	16.4	1.4	1.0	0.3
2020	10.6	213	188	16.4	1.3	0.8	0.6
2021	9.6	225	203	19.7	1.1	0.9	0.3
2022	9.8	216	196	17.8	1.0	0.9	0.5
2023	10.1	243	200	17.6	1.6	0.8	0.2
2024	10.1	211	194	18.6	1.7	1.0	0.3
AVG.	10.6	204	188	17.6	1.3	0.9	0.4

DAILY AVERAGE LOADINGS
2015-2024

YEAR	EFFLUENT DAILY AVG. FLOW - MGD	INFLUENT (LBS/DAY)			EFFLUENT (LBS/DAY)		
		BOD	TSS	NH3-N	CBOD	TSS	NH3-N
2015	10.9	11,630	12,028	1,218	115	67	23
2016	11.2	17,056	15,857	1,317	103	58	25
2017	10.3	17,380	15,498	1,505	121	111	40
2018	11.0	20,038	17,312	1,528	169	177	62
2019	12.6	16,676	15,427	1,506	163	124	33
2020	10.6	16,854	14,654	1,319	115	86	66
2021	9.6	16,878	14,665	1,312	97	93	38
2022	9.8	16,602	14,654	1,262	90	79	49
2023	10.1	18,176	14,889	1,278	139	76	17
2024	10.1	17,210	15,015	1,334	146	97	27
AVG.	10.6	16,850	15,000	1,358	126	97	38

TABLE 7
WWTC PERFORMANCE DATA - MONTHLY CONCENTRATIONS
2024

Month	EFFLUENT	PARAMETER	RAW SEWAGE	PRIMARY TREATMENT		INTERMEDIATE TREATMENT		TERTIARY TREATMENT		OVERALL REMOVAL
	DAILY AVERAGE		(MG/L)	PRIM EFFLUENT	PRIM REMOVAL	INT EFFLUENT	INT REMOVAL	TERT EFFLUENT	TERT REMOVAL	(% OF RAW)
	FLOW - MGD			(MG/L)	(% OF RAW)	(MG/L)	(% OF PRIM)	(MG/L)	(% OF INT)	
Jan 2024	14.22	TSS	162	66	58.94	6.2	90.69	0.9	85.20	99.43
		BOD	172	91	46.91	3.2	96.54	1.54	51.16	99.10
		AMM-N	11.72						0.52	
Feb 2024	9.41	TSS	175	73	58.60	4.8	93.35	0.6	90.16	99.68
		BOD	211	116	44.98	3.0	97.45	1.45	51.22	99.32
		AMM-N	16.35						0.45	
Mar 2024	12.24	TSS	157	64	59.12	5.4	91.61	1.2	77.91	99.24
		BOD	207	106	48.84	3.1	97.10	1.73	43.47	99.16
		AMM-N	12.82						0.25	
Apr 2024	13.76	TSS	153	58	62.33	6.8	88.16	0.9	86.44	99.40
		BOD	201	101	49.92	3.3	96.77	1.79	45.17	99.11
		AMM-N	12.13						0.16	
May 2024	13.45	TSS	236	77	67.29	9.2	88.10	1.2	86.75	99.48
		BOD	249	123	50.53	2.9	97.61	1.63	44.51	99.35
		AMM-N	14.09						0.14	
Jun 2024	10.06	TSS	280	81	71.12	4.9	93.97	1.3	72.79	99.53
		BOD	300	121	59.89	1.9	98.45	2.12	-13.28	99.29
		AMM-N	17.94						0.12	
Jul 2024	9.78	TSS	182	68	62.74	7.4	89.09	2.7	63.14	98.50
		BOD	184	103	44.16	2.6	97.50	2.23	13.26	98.79
		AMM-N	19.13						0.41	
Aug 2024	8.00	TSS	206	71	65.43	6.8	90.52	0.7	89.59	99.66
		BOD	203	126	37.55	2.0	98.44	1.39	29.51	99.31
		AMM-N	23.62						0.12	
Sep 2024	6.66	TSS	222	86	61.42	6.4	92.48	0.4	93.37	99.81
		BOD	230	133	42.18	1.7	98.76	1.15	30.12	99.50
		AMM-N	24.93						0.18	
Oct 2024	6.18	TSS	209	72	65.42	5.2	92.78	1.0	80.69	99.52
		BOD	224	137	39.12	2.4	98.27	1.79	24.49	99.20
		AMM-N	29.19						0.86	
Nov 2024	9.00	TSS	161	46	71.75	5.5	88.05	0.4	91.87	99.73
		BOD	158	76	52.08	3.0	96.03	1.42	52.90	99.10
		AMM-N	18.68						0.14	
Dec 2024	7.90	TSS	182	67	63.18	11.1	83.37	1.0	91.32	99.47
		BOD	208	120	42.34	3.6	96.98	1.95	46.14	99.06
		AMM-N	21.97						0.25	
Total Year Avg.	10.06	TSS	194	69	64.30	6.7	90.32	1.0	84.51	99.46
		BOD	211	113	46.47	2.7	97.60	1.68	38.02	99.20
		AMM-N	18.58						0.30	

**TABLE 8
WWTC PERFORMANCE DATA 2015-2024**

YEAR	MGD	PARAMETER	PRIMARY TREATMENT			INTERMEDIATE TREATMENT		TERTIARY TREATMENT		TOTAL REMOVAL (% OF RAW)
			RAW SEWAGE (MG/L)	PRIM EFFLUENT (MG/L)	PRIM REMOVAL (% OF RAW)	INT EFFLUENT (MG/L)	INT REMOVAL (% OF RAW)	TERT EFFLUENT (MG/L)	TERT REMOVAL (% OF RAW)	
2015	10.9	BOD	130	73	43.8%	2.9	96.0%	1.3	55.2%	99.0%
		TSS	140	49	65.0%	5.6	88.6%	0.7	87.5%	99.5%
		NH3	14.7					0.24		98.4%
2016	11.2	BOD	189	81	57.1%	2.7	96.7%	1.1	59.3%	99.4%
		TSS	183	52	71.6%	5.9	88.7%	0.6	89.8%	99.7%
		NH3	16.0					0.24		98.5%
2017	10.3	BOD	213	94	55.9%	2.8	97.0%	1.2	57.1%	99.4%
		TSS	199	73	63.3%	7.3	90.0%	0.9	87.7%	99.5%
		NH3	20.3					0.40		98.0%
2018	11.0	BOD	227	103	54.6%	3.1	97.0%	1.5	51.6%	99.3%
		TSS	211	81	61.6%	9.3	88.5%	1.2	87.1%	99.4%
		NH3	18.9					0.60		96.8%
2019	12.6	BOD	169	83	50.9%	2.6	96.9%	1.4	46.2%	99.2%
		TSS	162	68	58.0%	6.6	90.3%	1.0	84.8%	99.4%
		NH3	16.4					0.26		98.4%
2020	10.6	BOD	213	89	58.2%	2.5	97.2%	1.3	48.0%	99.4%
		TSS	188	55	70.7%	6.4	88.4%	0.8	87.5%	99.6%
		NH3	16.4					0.62		96.2%
2021	9.6	BOD	225	93	58.7%	2.3	97.5%	1.1	52.2%	99.5%
		TSS	203	52	74.4%	6.3	87.9%	0.9	85.7%	99.6%
		NH3	19.7					0.30		98.5%
2022	9.8	BOD	216	100	51.8%	1.9	98.1%	1.0	47.4%	99.3%
		TSS	196	64	58.0%	5.0	92.2%	0.9	82.0%	99.4%
		NH3	17.8					0.47		96.8%
2023	10.1	BOD	243	120	50.6%	2.5	97.9%	1.6	36.0%	99.3%
		TSS	200	81	59.5%	6.4	92.1%	0.8	87.5%	99.6%
		NH3	17.6					0.17		99.0%
2024	9.9	BOD	211	113	46.5%	2.7	97.6%	1.7	38.0%	99.2%
		TSS	194	69	64.3%	6.7	90.3%	1.0	84.5%	99.5%
		NH3	18.6					0.30		98.4%
TEN YEAR AVG	10.8	BOD	204	95	53.4%	2.6	97.3%	1.3	49.3%	99.4%
		TSS	188	64	65.7%	6.6	89.8%	0.9	86.5%	99.5%
		NH3	17.6					0.36		98.0%

Figure 1. DGSD WWTC BOD Removal Performance

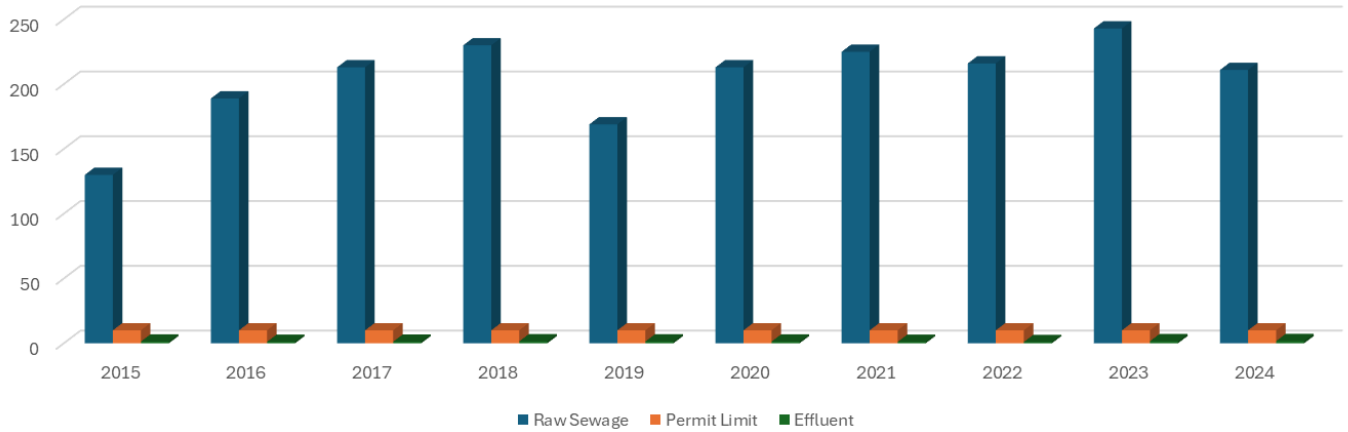


Figure 2. DGSD WWTC TSS Removal Performance

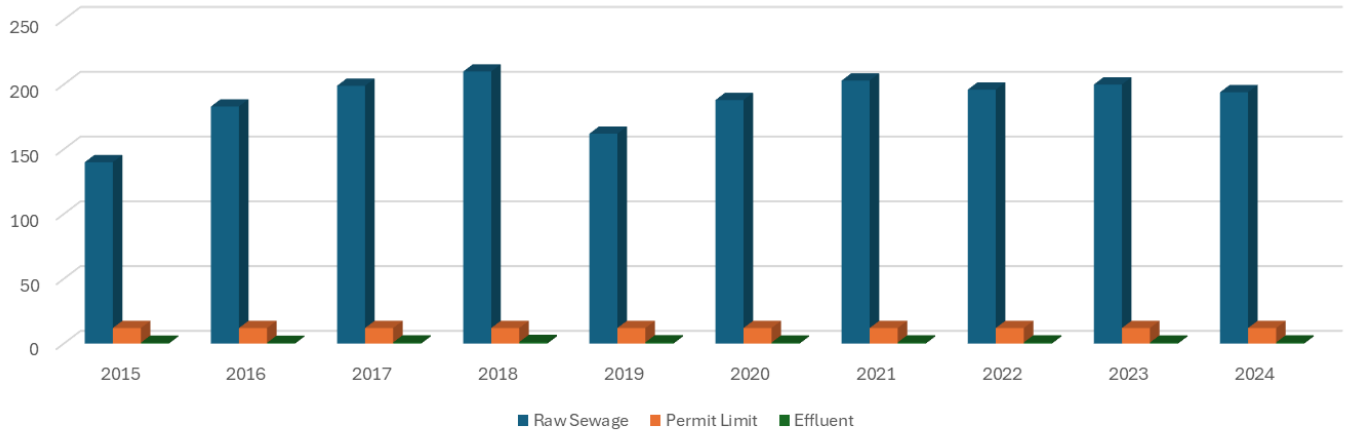
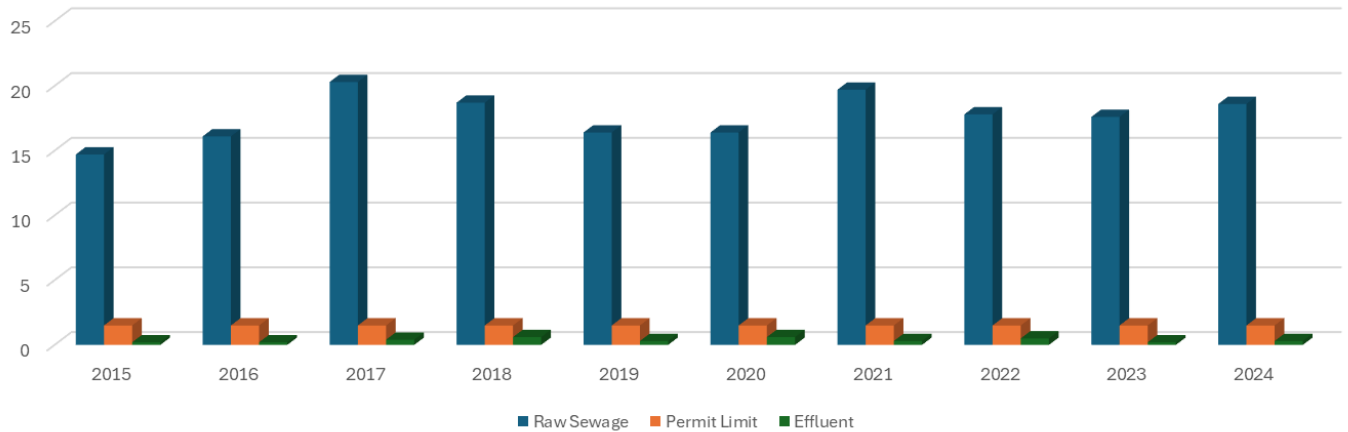


Figure 3. DGSD WWTC Ammonia-N Removal Performance



**TABLE 9
DIGESTER FEED VOLUMES**

2024

<u>MONTH</u>	<u>GALLONS PRIMARY</u>	<u>GALLONS WAS</u>	<u>GALLONS TWAS</u>	<u>GALLONS GREASE</u>	<u>GALLONS TOTAL FEED</u>	<u>GALLONS SUPERNATANT</u>
Jan	1,208,313	0	244,687	248,111	1,701,111	604,644
Feb	770,960	61,160	204,892	236,989	1,274,001	287,706
Mar	677,842	91,440	205,977	240,924	1,216,183	466,255
Apr	628,209	314,650	99,313	258,445	1,300,617	351,735
May	890,089	772,440	0	251,581	1,914,110	1,044,538
Jun	888,899	809,720	0	218,334	1,916,953	1,050,547
Jul	863,812	590,470	16,418	280,609	1,751,309	954,600
Aug	658,175	0	309,265	267,204	1,234,644	928,264
Sep	686,007	0	284,395	243,613	1,214,015	597,791
Oct	589,258	377,040	56,752	288,144	1,311,194	698,965
Nov	651,191	788,600	0	269,990	1,709,781	484,463
Dec	505,449	180,460	270,061	192,135	1,148,105	741,790
TOTAL	9,018,200	3,985,980	1,691,760	2,996,079	17,692,019	8,211,298
<u>YEAR</u>	<u>TOTAL GALLONS PRIMARY</u>	<u>TOTAL GALLONS WAS</u>	<u>TOTAL GALLONS TWAS</u>	<u>TOTAL GALLONS GREASE</u>	<u>TOTAL GALLONS FEED</u>	<u>TOTAL GALLONS SUPERNATANT</u>
2015	12,856,865	7,917,270	0	2,388,320	23,162,455	10,452,628
2016	16,005,236	9,480,829	0	3,669,377	29,155,442	21,897,719
2017	12,710,097	8,894,754	0	3,479,599	25,084,451	18,908,335
2018	12,790,989	7,632,530	0	4,450,410	24,873,929	9,292,026
2019	12,983,091	9,017,620	0	3,225,805	25,226,516	8,475,445
2020	11,268,548	7,249,980	7,762	2,797,874	21,324,164	8,966,994
2021	13,528,802	62,390	2,548,833	3,629,717	19,769,742	9,351,240
2022	13,435,637	124,400	2,923,922	3,812,192	20,296,151	9,049,545
2023	12,699,230	2,314,600	2,048,356	2,916,708	19,978,894	7,903,188
2024	9,018,200	3,985,980	1,691,760	2,996,079	17,692,019	8,211,298

**TABLE 10
DIGESTED SLUDGE PUMPING
2024**

<u>MONTH</u>	<u>GALLONS TO DRYING BEDS</u>	<u>GALLONS TO LAGOONS</u>	<u>GALLONS TO BELT PRESS</u>	<u>TOTAL GALLONS</u>	<u>TOTAL DRY SOLIDS (LBS)</u>	<u>DRY TONS</u>
Jan	215,040		835,659	1,050,699	209,681	105
Feb	170,940		856,481	1,027,421	206,050	103
Mar	90,300		897,705	988,005	193,623	97
Apr	106,680	40,740	990,462	1,137,882	222,472	111
May	142,380		839,840	982,220	186,600	93
Jun	203,700		535,836	739,536	154,645	77
Jul	280,140	174,192	668,806	1,123,138	223,270	112
Aug	94,080		604,785	698,865	132,990	66
Sep	153,300		645,049	798,349	157,352	79
Oct	57,960		846,957	904,917	173,584	87
Nov	175,980	173,528	1,048,180	1,397,688	274,743	137
Dec	34,020		604,540	638,560	109,260	55
TOTAL	1,724,520	388,460	9,374,300	11,487,280	2,244,269	1,122
<u>YEAR</u>	<u>TOTAL TO DRYING BEDS</u>	<u>TOTAL TO LAGOONS</u>	<u>TOTAL TO BELT PRESS</u>	<u>TOTAL GALLONS</u>	<u>TOTAL DRY SOLIDS (LBS)</u>	<u>DRY TONS</u>
2015	1,637,510	708,388	8,575,670	10,921,568	2,390,913	1,195
2016	2,684,707	722,430	5,483,122	8,890,259	1,773,261	1,006
2017	2,876,333	838,116	7,918,682	11,633,131	2,005,847	1,003
2018	2,734,442	498,168	11,821,260	15,053,870	2,410,325	1,206
2019	2,006,624	539,572	12,591,073	15,137,269	2,577,423	1,290
2020	1,840,304	288,600	10,932,096	13,061,000	2,166,043	1,083
2021	2,164,700	511,212	8,067,464	10,743,376	2,274,125	1,137
2022	2,093,536	501,396	8,930,847	11,525,779	2,504,877	1,252
2023	1,840,824	301,836	9,595,473	11,738,133	2,628,450	1,314
2024	1,724,520	388,460	9,374,300	11,487,280	2,244,269	1,122
					<u>Ten Year Avg.</u>	1,161

TABLE 11
CLASS A BIOSOLIDS DISTRIBUTION

YEAR	DELIVERED*		CONTRACTOR P/UP		PICK-UP ST.		DGSD USE		TOTAL
	Cu. Yd.	% of Total	Cu. Yd.	% of Total	Cu. Yd.	% of Total	Cu. Yd.	% of Total	
2015	3,185	88%	75	2%	358	10%	7	0%	3,625
2016	2,269	67%	648	19%	451	13%	12	0%	3,380
2017	3,307	83%	322	8%	253	6%	101	10%	3,983
2018	2,414	79%	399	13%	253	8%	6	0%	3,072
2019	1,339	81%	120	7%	176	11%	9	1%	1,644
2020	820	54%	220	14%	464	30%	18	1%	1,522
2021	2,170	86%	47	2%	308	12%	12	0%	2,537
2022	832	70%	100	8%	251	21%	9	1%	1,192
2023	1,067	69%	215	14%	266	17%	0	0%	1,548
2024	1,167	74%	204	13%	211	13%	0	0%	1,582
TEN YEAR									
AVG	1,857	77%	235	10%	299	12%	17	1%	2,409

*Delivered volumes for 2021, 2022 and 2024 include compost delivery.

**Table 12
BIOSOLIDS DISPOSAL**

<u>Year</u>	<u>Class A Distribution</u>	<u>Class B Hauling</u>	<u>Total</u>	<u>Class A Distribution</u>		<u>Class B Hauling</u>		<u>Total</u>
	Cu. Yd.	Cu. Yd.	Cu. Yd.	Dry Tons	% of Total	Dry Tons	% of Total	Dry Tons
2015	3,625	0	3,625	1,948	100%	0	0%	1,948
2016	3,380	1,018	4,398	1,821	92%	164	8%	1,985
2017	3,983	1,718	5,701	1,964	90%	223	10%	2,187
2018	3,072	3,000	6,072	1,685	79%	449	21%	2,134
2019	1,644	4,830	6,474	938	60%	619	40%	1,557
2020	1,522	5,915	7,437	799	56%	634	44%	1,433
2021	2,537	3,780	6,317	1,405	76%	440	24%	1,845
2022	1,192	5,300	6,492	632	54%	542	46%	1,174
2023	1,548	3,999	5,547	892	68%	426	32%	1,318
2024	1,582	6,116	7,698	904	56%	717	44%	1,621
Ten Year Avg	2,409	3,964	5,976	1,299	76%	421	24%	1,720

TABLE 13
UTILITIES
2024

<u>MONTH</u>	<u>NET ELECTRICITY FROM COMED KW HOURS</u>	<u>ELECTRICITY FROM CHP KW HOURS</u>	<u>NATURAL GAS - CU.FT.</u>				<u>CITY WATER GALLONS</u>
			<u>WWTC</u>	<u>MSB</u>	<u>HYPO BLDG</u>	<u>5006 WALNUT</u>	
Jan	124,082	297,179	39,233	73,300	66,900	18,767	16,257
Feb	-30,970	388,661	28,400	36,200	24,600	10,600	13,539
Mar	44,262	372,694	27,267	35,633	24,067	6,767	66,722
Apr	-127	401,136	17,033	17,467	6,733	1,233	68,292
May	2,316	421,947	7,200	2,300	100	0	150,722
Jun	68,483	284,417	4,333	2,133	100	0	131,174
Jul	57,314	319,788	4,467	2,067	0	0	155,160
Aug	-39,567	397,347	4,533	2,933	100	0	97,016
Sep	-44,381	377,703	4,367	1,967	0	0	82,355
Oct	-52,454	407,058	11,000	3,300	5,500	1,800	92,902
Nov	-89,024	430,614	25,500	17,100	18,233	11,733	31,466
Dec	54,566	300,735	36,400	51,200	36,967	26,667	14,237
<u>TOTAL</u>	94,501	4,399,280	209,733	245,600	183,300	77,567	919,841

<u>YEAR</u>	<u>NET ELECTRICITY FROM COMED KW HOURS</u>	<u>ELECTRICITY FROM CHP KW HOURS</u>	<u>NATURAL GAS - CU.FT.</u>				<u>CITY WATER GALLONS</u>
			<u>WWTC</u>	<u>MSB</u>	<u>HYPO BLDG</u>	<u>5006 WALNUT</u>	
2015	3,088,543	1,618,114	330,725	242,300	243,341	90,150	2,022,867
2016	2,914,349	1,764,802	279,466	242,566	208,867	100,500	1,398,325
2017	2,099,643	2,598,796	206,667	261,833	217,700	95,500	801,133
2018	346,456	3,964,426	219,600	271,867	152,733	134,700	422,321
2019	476,040	3,951,914	219,900	296,700	232,300	136,200	227,990
2020	1,519,580	2,800,854	241,200	213,000	196,700	140,700	930,812
2021	-374,173	2,455,704	227,900	247,200	223,000	104,450	1,126,039
2022	-375,444	5,069,784	251,300	290,167	183,533	150,725	1,428,281
2023	601,983	3,799,618	217,567	267,233	161,267	60,855	1,202,709
2024	94,501	4,399,280	209,733	245,600	183,300	77,567	919,841

TABLE 14

ELECTRICAL USAGE AND WWTC FLOWS

<u>YEAR</u>	<u>MGD</u>	<u>COMED KWHRS PER DAY</u>	<u>TOTAL FLOW MG</u>	<u>TOTAL KWHRS</u>	<u>KWHRS PER MG</u>
1999	10.8	20,831	3,945.26	7,603,200	1,927
2000	10.1	19,503	3,708.38	7,138,220	1,925
2001	11.9	18,837	4,329.23	6,875,400	1,588
2002	10.1	17,670	3,701.50	6,449,400	1,742
2003	9.4	17,648	3,442.68	6,441,600	1,871
2004	9.6	18,138	3,534.37	6,638,400	1,878
2005	9.7	17,859	3,545.21	6,518,400	1,839
2006	12.3	18,652	4,472.81	6,808,073	1,522
2007	10.5	18,549	3,831.59	6,770,460	1,767
2008	12.0	16,473	4,382.37	6,029,248	1,376
2009	12.4	13,912	4,507.87	5,077,824	1,126
2010	10.8	13,417	3,959.40	4,897,032	1,237
2011	11.8	14,089	4,310.18	5,142,655	1,193
2012	9.0	12,980	3,298.75	4,737,602	1,436
2013	10.4	12,906	4,117.91	4,710,718	1,144
2014	11.6	11,363	4,248.26	4,147,605	976
2015	11.3	8,462	4,105.10	3,088,543	752
2016	11.4	7,963	4,178.33	2,914,349	697
2017	10.3	5,752	3,769.61	2,099,643	557
2018	11.0	949	4,007.81	346,456	86
2019	12.6	1,304	4,597.81	476,040	104
2020	10.6	4,163	3,865.84	1,519,580	393
2021	9.6	-1,025	3,498.95	-374,173	-107
2022	9.8	-1,029	3,583.76	-375,444	-105
2023	10.1	1,649	3,669.15	601,983	164
2024	10.1	259	3,682.39	94,501	26

TABLE 15
NET ENERGY SUMMARY
2024

<u>MONTH</u>	<u>ENERGY USED, MWH</u>	<u>ENERGY PRODUCED, MWH</u>	<u>NET ENERGY, MWH</u>
Jan	923	743	180
Feb	711	714	-3
Mar	781	709	72
Apr	718	705	13
May	775	770	5
Jun	684	613	71
Jul	730	671	59
Aug	604	641	-37
Sep	542	584	-42
Oct	593	639	-46
Nov	652	722	-70
Dec	678	584	94
<u>TOTAL</u>	<u>8,391</u>	<u>8,095</u>	<u>296</u>

<u>YEAR</u>	<u>ENERGY USED, MWH</u>	<u>ENERGY PRODUCED, MWH</u>	<u>NET ENERGY, MWH</u>
2018	9,170	8,619	551
2019	10,460	9,748	712
2020	9,060	7,333	1,727
2021	7,796	7,949	-153
2022	8,610	8,756	-146
2023	8,223	7,418	805
2024	8,391	8,095	296

Figure 4. DGSD WWTC Energy Production and Use

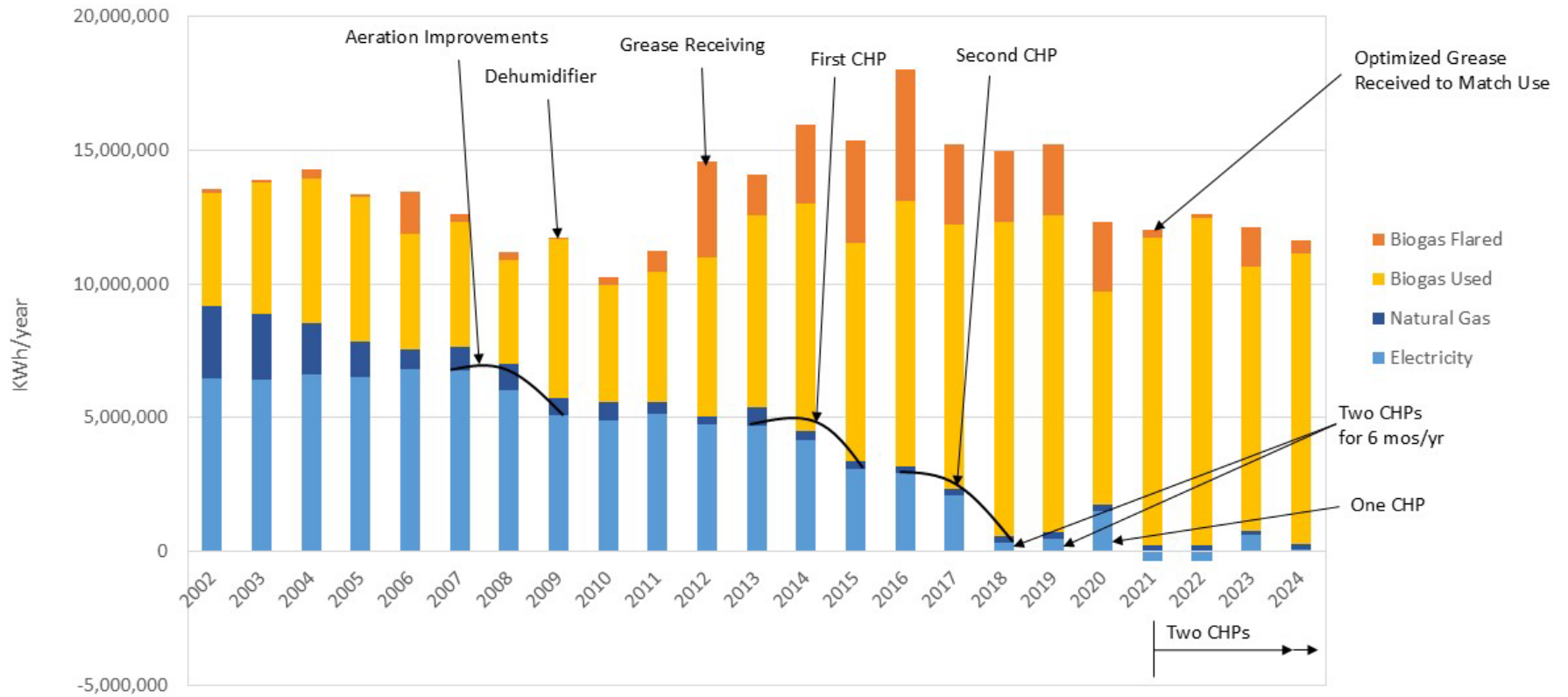


TABLE 16

**DIGESTER GAS UTILIZATION
2024**

<u>MONTH</u>	<u>TOTAL PRODUCED Cu. Ft.</u>	<u>CHP Cu. Ft.</u>	<u>DEHUMIDIFIER Cu. Ft.</u>	<u>HEAT EXCHANGERS Cu. Ft.</u>	<u>WASTE (FLARED) Cu. Ft.</u>	<u>HAULED GREASE WASTE Gals.</u>
Jan	5,157,668	3,778,997	683,986	494,081	200,605	248,111
Feb	5,476,406	4,824,749	566,683	40,669	44,305	236,989
Mar	5,568,213	4,648,767	589,062	51,763	278,620	240,924
Apr	5,467,829	4,948,750	429,248	43,672	46,159	258,445
May	6,236,876	5,125,469	454,444	257,341	399,621	251,581
Jun	4,987,750	3,336,818	695,090	131,357	824,486	218,334
Jul	5,248,049	3,794,180	841,734	157,177	454,958	280,609
Aug	5,578,833	4,874,210	456,834	75,857	171,931	267,204
Sep	4,961,228	4,529,851	347,162	32,164	52,051	243,613
Oct	5,334,297	5,002,771	202,289	30,451	98,786	288,144
Nov	5,725,855	5,240,319	416,180	28,414	40,942	269,990
Dec	4,168,187	3,694,102	225,773	165,823	82,490	192,135
TOTAL	63,911,191	53,798,984	5,908,485	1,508,768	2,694,954	2,996,079

<u>YEAR</u>	<u>TOTAL PRODUCED Cu. Ft.</u>	<u>ENGINE/ CHP Cu. Ft.</u>	<u>DEHUMIDIFIER Cu. Ft.</u>	<u>HEAT EXCHANGERS Cu. Ft.</u>	<u>WASTE (FLARED) Cu. Ft.</u>	<u>HAULED GREASE WASTE Gals.</u>
2015	68,198,366	31,095,549	5,858,902	20,643,295	21,656,843	2,389,320
2016	84,415,051	34,504,340	11,057,844	10,918,707	27,934,160	3,669,377
2017	73,206,201	39,848,809	4,836,981	11,239,249	17,095,933	3,479,599
2018	82,004,810	59,259,962	4,877,385	2,558,378	15,309,085	4,450,410
2019	82,452,685	57,564,552	8,000,079	1,775,449	15,112,605	3,225,805
2020	60,068,754	37,039,990	6,140,934	2,033,589	14,854,243	2,797,874
2021	66,902,773	60,574,223	3,652,697	1,173,765	1,456,328	3,629,717
2022	70,628,326	63,737,424	4,789,505	1,108,193	993,204	3,812,192
2023	64,547,803	48,391,914	3,766,594	3,816,929	8,572,366	2,916,708
2024	63,911,191	53,798,984	5,908,485	1,508,768	2,694,954	2,996,079

TABLE 17
CHEMICALS
2024

MONTH	LIQUID DISINFECTANT USE			LIQUID DISINFECTANT SOURCE			SLUDGE TREATMENT	
	0.8% SODIUM HYPOCHLORITE TERTIARY Gallons	0.8% SODIUM HYPOCHLORITE EXCESS Gallons	40% SODIUM BISULFITE TERTIARY Gallons	SOLAR SALT DELIVERY Tons	0.8% SODIUM HYPOCHLORITE FROM OSEC Gallons	16% SODIUM HYPOCHLORITE DELIVERED Gallons	DEWATERING POLYMERS lbs.	THICKENING POLYMERS lbs.
Jan	37,110	42,645	554			4,800	1,800	2,250
Feb	0	972	0				1,800	1,800
Mar	22,303	12,998	237			4,500	1,800	1,800
Apr	31,339	27,831	453			4,000	2,250	1,350
May	115,397	16,166	829			8,000	1,350	
Jun	114,843	4,337	680			4,500	1,350	
Jul	119,292	20,799	800			13,500	900	
Aug	68,427	5,962	747			4,500	900	2,250
Sep	70,421	4	769				1,350	2,250
Oct	80,019	478	1,119			9,000	1,350	450
Nov	10,089	6,820	123				1,800	
Dec	6,941	5,781	124				1,350	2,250
TOTAL	676,181	144,793	6,436			52,800	18,000	14,400

**TABLE 18
CHEMICAL USAGE**

SODIUM HYPOCHLORITE USAGE

YEAR	TERTIARY lbs.	Flow MG	lbs./MG	EXCESS lbs.	FLOW MG	lbs./MG
2015	47,388	3,990.7	11.9	8,294	114.5	72.4
2016	47,954	4,093.5	11.7	13,733	84.9	161.8
2017	36,336	3,769.6	9.6	12,200	193.6	63.0
2018	39,153	4,007.8	9.8	10,984	221.6	49.6
2019	48,154	4,597.8	10.5	17,002	307.4	55.3
2020	51,073	3,865.8	13.2	8,600	177.8	48.4
2021	56,632	3,499.0	16.2	6,802	54.5	124.7
2022	87,474	3,583.8	24.4	18,078	175.1	103.3
2023	53,987	3,669.2	14.7	10,995	79.9	137.6
2024	62,892	3,682.4	17.1	12,840	102.7	125.0

SODIUM BISULFITE

YEAR	TERTIARY lbs.	FLOW MG	lbs./MG
2015	25,048	3,990.7	6.3
2016	19,432	4,093.5	4.7
2017	22,167	3,769.6	5.9
2018	23,824	4,007.8	5.9
2019	30,079	4,597.8	6.5
2020	26,901	3,865.8	7.0
2021	32,508	3,499.0	9.3
2022	35,357	3,583.8	9.9
2023	28,490	3,669.2	7.8
2024	28,666	3,682.4	7.8

SALT AND HYPOCHLORITE SOURCE

YEAR	SOLAR SALT DELIVERY TONS	0.8% SODIUM HYPOCHLORITE FROM OSEC Gals.	16% SODIUM HYPOCHLORITE DELIVERED Gals.
2015	144	859,180	4,420
2016	189	1,012,424	3,956
2017	0	115,416	49,500
2018	0	0	58,000
2019	0	0	72,500
2020	125	707,168	9,000
2021	150	784,084	8,500
2022	175	1,174,320	12,500
2023	123	1,001,448	25,600
2024	0	0	52,800

POLYMERS

DEWATERING (BELT PRESS)

YEAR	POLYMER lbs	DRY SOLIDS lbs	DOSE
			lb active polymer per dry ton solids
2017	16,200	1,266,862	10.7
2018	30,600	1,696,122	15.2
2019	36,000	1,962,111	15.4
2020	29,700	1,644,937	15.2
2021	27,000	1,645,493	13.8
2022	24,300	1,908,133	10.7
2023	18,000	2,098,003	7.2
2024	18,000	2,244,269	6.7

POLYMERS

THICKENING (WAS)

YEAR	POLYMER lbs	DRY SOLIDS lbs	DOSE
			lb active polymer per dry ton solids
2017			
2018			
2019			
2020			
2021	22,275	1,190,702	15.0
2022	22,950	1,340,189	13.7
2023	18,450	979,310	15.1
2024	14,400	814,951	14.1

TABLE 19
NUTRIENTS
2024

Phosphorus

	Influent Concentration, mg/L	Influent Load, lbs/day	Effluent Concentration, mg/L	Effluent Load, lbs/day	% Removal of Load, %
January	2.97	379	1.43	178	53
February	4.33	339	2.45	183	46
March	3.55	338	2.18	212	37
April	3.32	388	2.03	212	45
May	6.27	610	2.30	229	63
June	6.23	544	3.20	269	51
July	5.21	387	3.22	230	40
August	5.50	367	3.66	253	31
September	5.94	335	4.14	226	33
October	6.84	343	4.27	212	38
November	3.95	322	2.81	204	37
December	5.99	348	3.80	210	39
Min	2.97	322	1.43	178	
Max	6.84	610	4.27	269	
Annual Total		142,888		79,626	
Avg	5.01	392	2.96	218	43

Nitrogen

	Influent Concentration, mg/L	Influent Load, lbs/day	Effluent Concentration, mg/L	Effluent Load, lbs/day	% Removal of Load, %
January	31.40	2,437	16.60	1,268	48
February	33.90	2,604	17.40	1,345	48
March	25.50	2,793	10.50	1,161	58
April	20.40	3,095	10.60	1,721	44
May	35.00	4,043	11.30	1,395	66
June	44.60	2,958	17.30	1,239	58
July	33.90	2,322	21.30	1,593	31
August	43.90	2,227	21.70	1,191	47
September	39.30	1,971	20.20	1,050	47
October	41.60	2,124	24.80	1,243	41
November	30.80	1,839	13.90	823	55
December	45.40	2,428	21.75	1,185	51
Min	20.40	1,839	10.50	823	
Max	45.40	4,043	24.80	1,721	
Annual Total		938,093		462,758	
Avg	35.48	2,570	17.28	1,268	50

TABLE 20
NUTRIENTS
2015-2024

Total Phosphorus					
	Avg Influent Concentration mg/L	Avg Influent Load lbs/day	Avg Effluent Concentration mg/L	Avg Effluent Load lbs/day	% Removal of Load, %
2015	4.37	352	2.54	206	39
2016	5.44	464	2.58	219	53
2017	5.62	454	2.99	235	47
2018	5.43	448	2.99	235	53
2019	4.68	434	2.99	235	53
2020	5.33	418	2.90	228	45
2021	5.72	405	3.33	238	40
2022	5.12	373	2.91	200	46
2023	5.14	369	2.94	219	40
2024	5.01	392	2.96	218	43
10-year Average	5.19	411	2.91	223	46

Total Nitrogen					
	Avg Influent Concentration mg/L	Avg Influent Load lbs/day	Avg Effluent Concentration mg/L	Avg Effluent Load lbs/day	% Removal of Load, %
2015	31.80	2,853	17.98	1,620	43
2016	36.18	2,602	15.96	1,155	56
2017	38.52	3,128	16.04	1,318	57
2018	35.00	2,791	14.38	1,181	59
2019	28.88	2,527	13.20	1,189	53
2020	33.27	2,632	18.08	1,474	42
2021	34.84	2,472	17.02	1,278	48
2022	31.64	2,110	16.13	1,075	51
2023	35.87	2,635	16.73	1,307	49
2024	35.48	2,570	17.28	1,268	50
10-year Average	34.15	2,632	16.28	1,287	51

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: January 05, 2025

TO: Amy R. Underwood
General Manager

FROM: Keith Shaffner
Sewer Construction Supervisor

RE: Sewer Construction Year End Summary – 2024

The following is a summary of the construction activities that occurred in the past year:

Permits: The year 2024 saw a 10% decrease in single family permits issued over the prior year (Exhibit A). Single family tear downs and rebuilds continue to be a significant factor in new home construction within the District (Exhibit B). Also attached for reference is the Annual Summary of Sewer Permits issued for the last five years 2020–2024 (Exhibit C).

Annexations: Seven parcels totaling 3.12 acres were added to the Sanitary District from the 2024 annexations. Trunk Sewer Service Charges (TSSC) collected from annexations totaled \$17,264.75. Please find attached a summary of the parcels annexed into the Sanitary District in 2024 and a comparison of the last five years of annexations (Exhibit D).

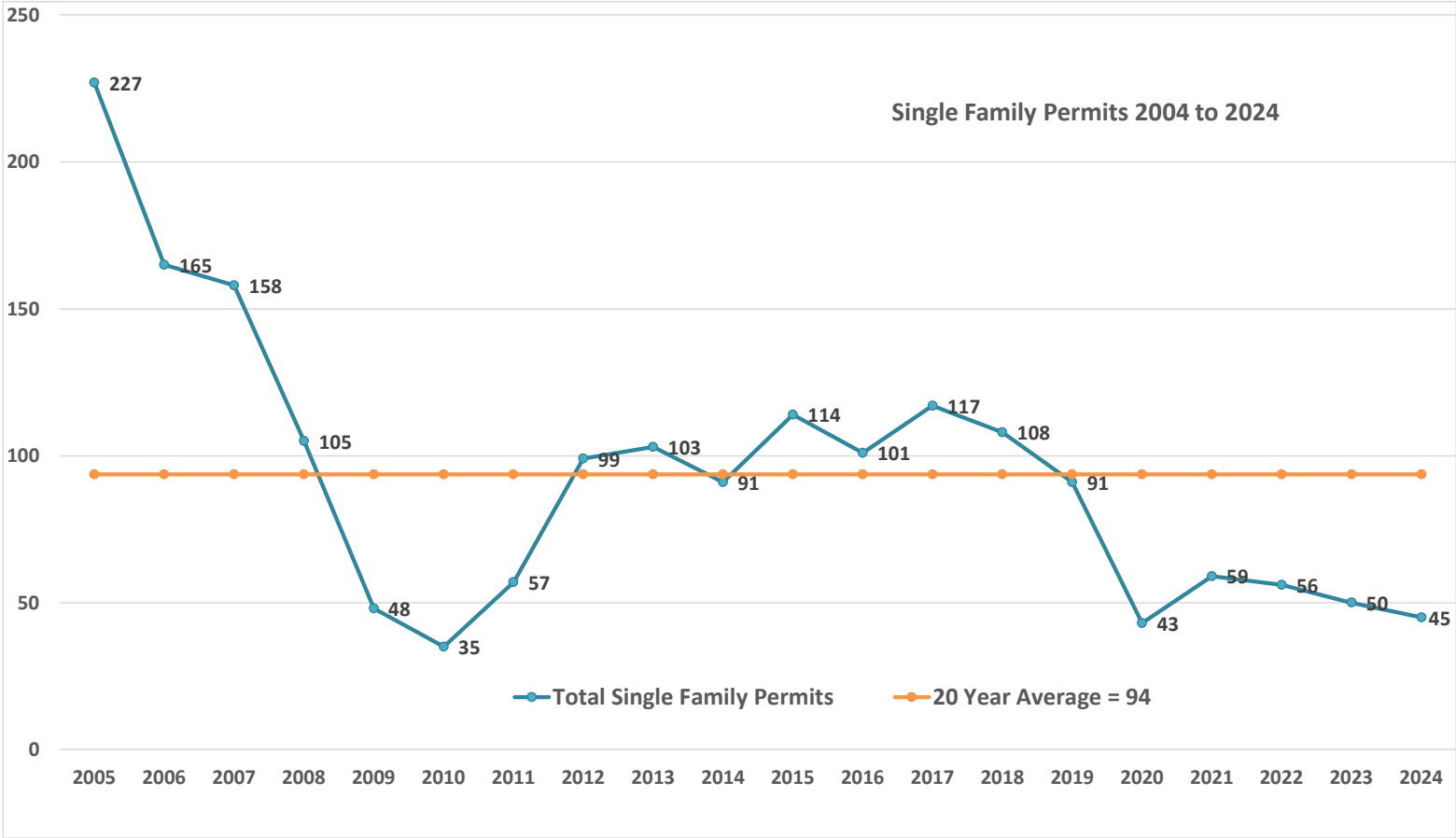
Board of Local Improvements: There were two BOLI meetings held in 2024.

Illinois EPA Permits: There were no IEPA permits issued in 2024.

Public Sewer Main Construction: There was one new public sewer main project constructed in 2024, which added 90 linear feet of sewer main and 1 manhole.

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

EXHIBIT A



SINGLE FAMILY PERMITS AVERAGES

5 YEAR AVERAGE (2018-2022)	51
10 YEAR AVERAGE (2013-2022)	78
20 YEAR AVERAGE (2003-2022)	94

EXHIBIT B

SINGLE FAMILY TEAR-DOWNS & RE-BUILDS

YEAR	TOTAL SF PERMITS	TEAR DOWN RE-BUILDS	% RE-BUILDS
2005	227	136	59.91%
2006	165	99	60.00%
2007	158	63	39.87%
2008	105	27	25.71%
2009	48	24	50.00%
2010	35	19	54.29%
2011	57	32	56.14%
2012	99	48	48.48%
2013	103	56	54.37%
2014	91	62	68.13%
2015	114	58	50.88%
2016	101	57	56.44%
2017	117	70	59.83%
2018	108	54	50.00%
2019	91	44	48.35%
2020	43	28	65.12%
2021	59	48	81.36%
2022	56	31	55.36%
2023	50	25	50.00%
2024	45	28	62.22%
20-YEAR AVE	94	50	53.90%
20 YEAR SUMMARY:			
TOTAL	SF PERMITS 1872	RE-BUILDS 1009	% RE-BUILDS 53.90%

EXHIBIT C DOWNERS GROVE SANITARY DISTRICT - SUMMARY OF SEWER PERMITS ISSUED

YEAR	PERMIT TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
2024	SINGLE FAMILY	1	4	5	7	3	4	3	4	4	3	6	1	45
2024	MULTIPLE FAMILY	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	COMMERCIAL	1	1	2	1	0	1	1	0	0	3	1	0	11
2024	REPAIR	0	1	2	1	2	3	0	2	3	2	0	1	17
2024	DISCONNECT	1	2	5	3	1	3	2	6	4	3	2	0	32
2024	TOTAL	3	8	14	12	6	11	6	12	11	11	9	2	105
YEAR	PERMIT TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
2023	SINGLE FAMILY	2	3	4	8	4	4	5	5	1	8	2	4	50
2023	MULTIPLE FAMILY	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	COMMERCIAL	1	0	1	2	1	2	0	2	0	1	0	1	11
2023	REPAIR	1	0	2	0	1	1	1	0	3	0	0	2	11
2023	DISCONNECT	4	1	1	0	0	3	1	1	3	1	2	2	19
2023	TOTAL	8	4	8	10	6	10	7	8	7	10	4	9	91
YEAR	PERMIT TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
2022	SINGLE FAMILY	2	3	11	4	6	2	6	6	3	6	6	1	56
2022	MULTIPLE FAMILY	1	0	0	0	0	0	0	0	0	0	0	0	1
2022	COMMERCIAL	0	1	1	0	1	1	1	3	0	1	1	0	10
2022	REPAIR	2	0	2	0	0	2	0	3	5	7	2	2	25
2022	DISCONNECT	3	5	0	3	2	6	6	0	1	3	8	2	39
2022	TOTAL	8	9	14	7	9	11	13	12	9	17	17	5	131
YEAR	PERMIT TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
2021	SINGLE FAMILY	5	5	10	3	5	5	2	2	6	6	7	3	59
2021	MULTIPLE FAMILY	0	0	1	0	0	0	0	1	0	0	0	0	2
2021	COMMERCIAL	0	0	0	1	0	1	1	2	2	0	0	1	8
2021	REPAIR	3	0	1	0	2	1	3	0	1	3	1	2	17
2021	DISCONNECT	3	3	2	3	5	5	2	2	1	6	6	3	41
2021	TOTAL	11	8	14	7	12	12	8	7	10	15	14	9	127
YEAR	PERMIT TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
2020	SINGLE FAMILY	4	6	0	4	3	5	4	3	4	3	6	1	43
2020	MULTIPLE FAMILY	0	0	0	0	0	0	0	1	0	0	0	0	1
2020	COMMERCIAL	1	1	2	0	3	2	0	0	0	0	0	0	9
2020	REPAIR	1	0	1	0	0	0	0	2	4	1	1	0	10
2020	DISCONNECT	7	1	0	2	4	1	3	5	4	3	5	0	35
2020	TOTAL	13	8	3	6	10	8	7	11	12	7	12	1	98

Exhibit D 2024 Annexations

LOCATION	NAME	TSSC	PAID	APPROVAL	AO#	ACRES
1029 Oxford	Meliukstis	\$1,743.00	02/08/24	03/19/24	2024-01	0.22
1027 Oxford	Meliukstis	\$1,743.00	03/05/24	03/19/24	2024-02	0.22
1042 Norfolk	Pak Realty LLC	\$1,783.93	03/12/24	04/16/24	2024-03	0.35
6130 Fairview	Rexhepi	\$2,762.64	06/10/24	07/16/24	2024-04	0.54
5905 Fairview	Flowers	\$3,519.28	06/28/24	08/08/24	2024-05	0.69
4017 Venard	Athans	\$3,906.40	09/19/24	10/07/24	2024-06	0.76
2250 63rd	Hamdan	\$1,788.50	12/04/24	12/17/24	2024-07	0.34
TOTAL		\$17,246.75				3.12

Annexations Five Year Comparison

Year	2020	2021	2022	2023	2024
Number of Annexations	4	6	8	7	7
TSSC	\$8,887.00	\$13,132.58	\$94,635.32	\$25,518.26	\$17,264.75
Acres	1.74	2.74	10.49	7.12	3.12

**DOWNERS GROVE SANITARY DISTRICT
MEMO**

TO: Amy Underwood
General Manager

FROM: Todd Freer
Sewer System Maintenance Supervisor

DATE: January 16, 2025

RE: Review of Operations – Collection System Performance for 2024

I have enclosed copies of the following items for your review:

- 1) Annual Sewer Backup Comparisons for 1995 through 2024
- 2) Manhole Overflow and Sewer Backup Summary by Event
- 3) Manhole Overflow and Sewer Backup Summary by Year Summary
(Master Data Table Attached)
- 4) 2024 Public Sewer Blockages
- 5) 2024 Building Service Blockages
- 6) Current I&I Ranking of Flow Metering Basins

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

DOWNERS GROVE SANITARY DISTRICT ANNUAL SEWER BACK UP COMPARISONS

REPORTING YEAR	TOTAL BACK UPS FOR YEAR ***	PUBLIC SEWER BLOCKAGES	BUILDING SERVICE PROBLEMS	HEAVY RAIN SURCHARGE ***	LIFT STATION FAILURE
1995	164	26	136	2	0
1996	765	23	199	542	1
1997	632	24	114	494	0
1998	209	32	137	40	0
1999	227	31	191	5	0
2000	241	29	205	7	0
2001	216	22	132	61	0
2002	190	35	155	0	0
2003	207	27	180	0	0
2004	213	18	193	2	0
2005	328	21	300	7	0
2006	373	13	330	30	0
2007	286	11	275	0	0
2008	418	17	312	101	0
2009	312	19	242	59	0
2010	305	11	285	9	0
2011	280	15	262	3	0
2012	273	14	258	1	0
2013	474	13	322	139	0
2014	311	21	281	9	0
2015	238	11	227	0	0
2016	203	11	188	4	0
2017	242	9	200	33	0
2018	202	8	183	11	0
2019	199	2	192	5	0
2020	263	8	219	36	0
2021	270	12	258	0	0
2022	274	8	266	0	0
2023	244	9	253	0	0
2024	218	6	212	0	0
20 year AVE	286	12	253	22	0
5 year AVE	254	9	242	7	0

*** TOTALS FOR YEARS 1996 & 1997 INCLUDES DATA FROM SURVEY RESPONSES

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	7/10/2024	2/19/2024	9/28/2023	4/4/2023	6/6/2022	4/6/2022
PRECIP FOR 24 Hrs	N/A	N/A			N/A	N/A
PRECIP FOR 3 PREVIOUS DAYS	Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow
10- day rainfall						
PEAK WWTC FLOW				0.64		
# OF OVERFLOWS		1	1			
MH LOCATIONS	FMW-003 Broken Air Relief Valve	1B-013 Root/Grease Blockage	Parker's Restaurant Inspection MH Private Property	1B-050 Root Blockage	N/A Broken Force Main FMCL-001 to Bend	N/A Broken Force Main FMW-008 to FMW-007

OF BACKUPS

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	1/27/2022	1/5/2022	12/20/2021	6/26/2021	2/11/2021	1/22/2021
PRECIP FOR 24 Hrs	N/A	N/A	N/A	2.35	N/A	N/A
PRECIP FOR 3 PREVIOUS DAYS	Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow	2.15	Dry Weather Overflow	Dry Weather Overflow
10- day rainfall				5.46		
PEAK WWTC FLOW						
# OF OVERFLOWS				5	1	1
MH LOCATIONS	5300 Katrine Ave Inspection MH Private Property	N/A Broken Force Main FMV-001-B to FMV-001	N/A Broken Force Main FMV-Bend-005 to FMV-002	1M-050 2D-001 1H-005 1H-004 2A-011-A	LA Fitness Inspection MH Private Property	N1-025-6

OF BACKUPS

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	12/4/2020	5/17/2020	11/1/2019	10/26/2019	9/15/2019	7/18/2019
PRECIP FOR 24 Hrs	N/A	3.13	N/A	2.65	0.79	1.99
PRECIP FOR 3 PREVIOUS DAYS	Dry Weather Overflow	2.73	Dry Weather Overflow	2.66	Mainline Blockage Dry Weather Overflow	0.86
10- day rainfall		6.23	4.39	2.91		3.18
PEAK WWTC FLOW		116.5		86		73.84
# OF OVERFLOWS	N/A	9	1	5	1	1
MH LOCATIONS	Broken Force Main FMV-Bend-004 to FMV-Bend-003	1M-050 2D-001 1H-005 1H-004 1K-049 G4-007 2A-011 G1-012	N1-025-6	1M-050 2D-001 1H-005 1H-004 1K-049	1K-046	2D-001

OF BACKUPS

	36
5604 Carpenter	
4013 Elm	
5543 Wilcox	
5713 Main	
4018 N. Adams	
471 7Main	
1105 Sixty Second	
5501 Fairview	
4524 Prince	
1660 Bolson	
145 N. Hudson	
5615 Brookbank	
4717 Main	
5543 Wilcox	
4518 Prince	
643 Maple	
242 Fifty Fifth	
34 N. Adams	
420 N. Washington	
18 N. Cass	
5408 Main	
1106 Sixtieth	
4725 Linscott	
4721 Highland	
4031 N. Grant	
4906 Edward	
5416 Cumnor	
6025 Woodward	
324 Fifty Fifth	
131 N. Hudson	
3944 Main	
951 Valley View	
1424 Sixty Second	
301 Fifty Fifth Place	
4524 Prince	
4417 Highland	

2
5501 Farview Ave
115 S. Grant St

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	5/27/2019	4/30/2019	4/29/2019	11/1/2018	2/20/2018	1/26/2018	11/27/2017
PRECIP FOR 24 Hrs	1.72	1.51	2.2	N/A	2.3	N/A	N/A
PRECIP FOR 3 PREVIOUS DAYS	0.3	2.65	0.56	Dry Weather Overflow	0.64	Dry Weather Overflow Liner Installation	Dry Weather Overflow Liner Installation
10- day rainfall	3.62	4.37	2.86		3.23		
PEAK WWTC FLOW	75.3	88.12	85.59		105.33		
# OF OVERFLOWS	2	3	1	1	10	1	1
MH LOCATIONS	2D-001 1K-049	2D-001 1M-050 1K-049	2D-001	W1-076	1M-050 2D-001 2C-089-1 1H-012 1H-005 1H-004 1K-049 2C-115 G1-011 G1-012	3A-014	3A-030

OF BACKUPS

- 21
- 212 S. Lincoln
- 4133 Saratoga
- 5104 DeWitt
- 4019 N. Washington
- 4804 Highland
- 752 Chicago
- 18 N. Cass
- 504 N. Washington
- 4618 Roslyn
- 1 N. Cumnor
- 5730 Main
- 4924 Washington
- 115 S. Grant
- 4618 Roslyn
- 131 N. Hudson
- 828 Chicago
- 4904 Puffer
- 4540 Highland
- 3928 N. Cass
- 3924 Forest
- 326 Gierz

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	10/14/2017	5/10/2017	4/29/2017	4/27/2017	3/30/2017	3/17/2017	3/1/2017
PRECIP FOR 24 Hrs	6.88	1.3	2.38	N/A	1.83	N/A	1.69
PRECIP FOR 3 PREVIOUS DAYS	1.21	0.52	0.54	Dry Weather Overflow	0.73	Dry Weather Overflow	0
10- day rainfall	9.55	2.49	3		2.88		2.12
PEAK WWTC FLOW	105.91	73.3	69.34		70.78		88.54
# OF OVERFLOWS	15	2	2		2	1	2
MH LOCATIONS	L1-109 1H-012 1H-004 1H-005 1K-049 2A-011 2A-011-A 2D-001 1M-034 1M-049 G1-012 H1-004 H1-005 H4-004 H4-088	1M-049 1K-049	1M-049 2D-001	2A-072	1M-049 2D-001	B1-038-1	1M-049 2D-001
# OF BACKUPS	38 1122 60th 115 S Grant 1450 Palmer 1917 B Curtiss 1928 Curtiss 326 Gierz 3902 S Adams 4014 N Grant 4015 N Washington 4018 N Adams 4023 N Grant 4112 N Adams 4132 Roslyn 4507 Fairview 4825 Pershing 4943 Highland 5143 Grand 5501 Fairview 5713 Main 5740 Plymouth 6941 Lyman 7001 Foster 7020 Foster 733 Chicago 752 Chicago 821 Valley View 831 Valley View 951 Valley View 820 Valley View 4915 Washington 6909 Galway 4939 Wallbank 4618 Roslyn 1418 62nd 4819 Pershing 4611 Fairview 238 Chicago 3926 N. Lincoln	3 112 N. Lincoln 138 N. Lincoln 305 N. Washington			2 1165 Barberry 122 S. Cass		

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	8/27/2016	7/29/2016	3/24/2016	8/29/2015	6/15/2015	5/26/2015	11/28/2014
PRECIP FOR 24 Hrs	1.1	1.47	N/A	N/A	1.5	0.57	N/A
PRECIP FOR 3 PREVIOUS DAYS	0.47	2.27	Dry Weather Overflow	Dry Weather Overflow	1.93	0.31 Dry Weather Overflow	Dry Weather Overflow
10- day rainfall	2.68	5.81			4	0.88	
PEAK WWTC FLOW	64.07	68.33			88.4		
# OF OVERFLOWS	1	2	1	1	2	1	1
MH LOCATIONS	1M-049	1M-049 2D-001	2F-010 2F-011	2G-037	1M-049 2D-001	1A-021	H5-021-90
# OF BACKUPS	2 115 S. Grant 130 S. Lincoln		0	0	2 1165 Barberry 3524 Saratoga		1 1230 75th

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	10/18/2014	8/22/2014	6/30/2014	5/20/2014	11/22/2013	10/31/2013	4/18/2013
PRECIP FOR 24 Hrs	N/A	1.52	2.04	1.47	N/A	2.46	4.67
PRECIP FOR 3 PREVIOUS DAYS	Dry Weather Overflow	2.15	0.07	0	Dry Weather Overflow	0.65	2.59
10- day rainfall		3.81	2.97	3.1		3.2	8.61
PEAK WWTC FLOW		85.66	71.9	67.28		75.19	116
# OF OVERFLOWS	1	3	1	2	1	1	?
MH LOCATIONS	1H-012	1M-049 1M-050 2D-001	1M-049	1M-049 2D-001	FMCL-001	1M-049	1M-049 H4-088 2C-089-1 G1-012 1H-005 2D-001 1K-049 2A-011-A 2E-023 unable to verify all locations due to surface flooding
# OF BACKUPS	0	8	1	0			269
		4129 Washington 115 S. Grant 117 S. Grant 5604 Carpenter 200 S. Lincoln 5436 Cumnor 1928 Curtiss 122 S. Lincoln	1129 Barberry				124 N. Lincoln 5505 Dunham 4717 Main 5505 Fairview 1928 Curtiss 4936 Francisco 17 W. Naperville 6021 Grand 4832 Saratoga 6035 Dunham 3840 Florence 5320 Benton 5300 Blodgett 6941 Lyman 4535 Elm 130 N. Williams 6121 Carpenter 5236 Fairmount 917 Blanchard 301 55th 4915 Washington 3944 Main 1130 Franklin 4823 Prince 3946 Elm 1925 Prairie 3524 Saratoga 123 N. Washington 1141 Valley View 4710 Saratoga 200 S. Grant 4945 Highland 5235 Fairmount 428 S. Cass 5310 Lyman 1424 62nd 6133 Dunham 2045 Prairie 2035 Prairie

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	3/10/2013	8/26/2012	2/21/2012	6/9/2011	5/25/2011	3/5/2011	1/31/2011
PRECIP FOR 24 Hrs	1.02	3.4	N/A	2.49	N/A	N/A	N/A
PRECIP FOR 3 PREVIOUS DAYS	0.4	0	Dry Weather Overflow	0.27	Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow
10- day rainfall	1.52	3.7		2.95			
PEAK WWTC FLOW	74.79	73.26	N/A	77.56	N/A	N/A	N/A
# OF OVERFLOWS	1	0	1	6	1	2	1
MH LOCATIONS	1M-049		1H-012	1M-049 H1-003* H1-004* H1-005* 2D-001 1K-049 * Lift Station Failure	V3-049	V-4-112 V-4-060	1H-055
# OF BACKUPS	1	1	1	3	2		1
	117 S. Grant	1129 Barberry	310 Otis	5701 Webster 4111 Roslyn 1165 Barberry	3840 Florence 3831 Florence		405 Grant

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

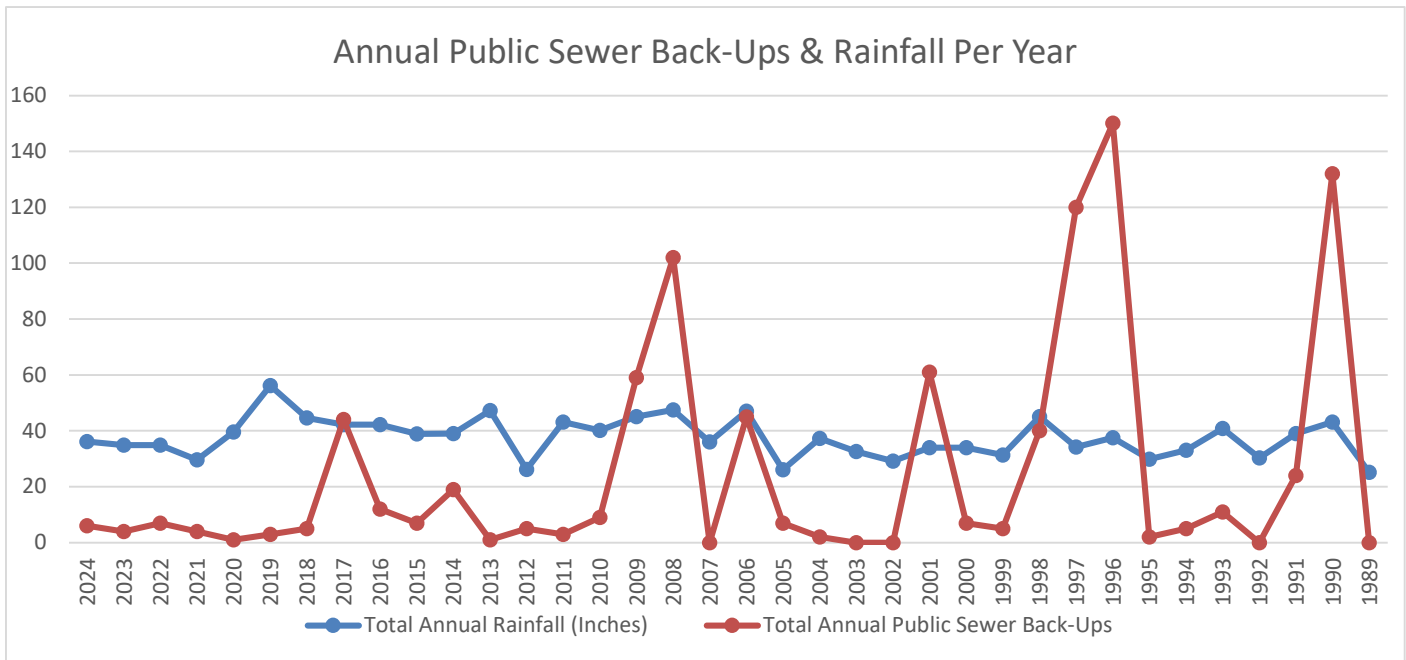
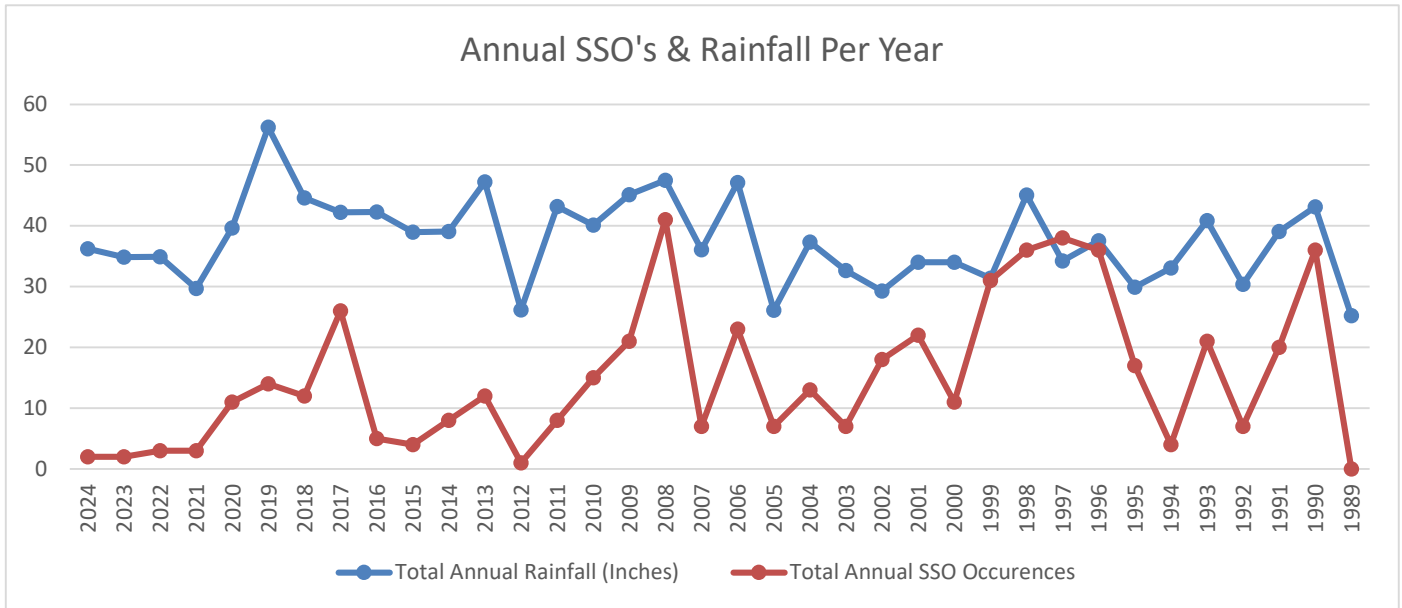
DATE OF EVENT	12/31/2010	12/14/2010	8/3/2010	7/24/2010	6/23/2010	6/2/2010	5/10/2010
PRECIP FOR 24 Hrs	0.89	N/A	1.65	2.86	0.97	1.95	N/A
PRECIP FOR 3 PREVIOUS DAYS	0.55	Dry Weather Overflow	1	0.79	0.59	1.26	Dry Weather Overflow
10- day rainfall	1.46		4.65	3.65	2.07	3.61	
PEAK WWTC FLOW	52.38	N/A	73.52	88	71	92.98	N/A
# OF OVERFLOWS	0	1	1	6	1	5	1
MH LOCATIONS		L1-051	1M-049	1M-049 1H-012 1H-005 1H-004 1K-049 G4-004-A	1M-049	1M-049 2D-001 1K-046 2A-011-A G1-012	1D-062
# OF BACKUPS	1			4	0	4	
	1129 Barberry			4032 N. Grant 4020 Liberty 3941 Main 4031 N. Grant		5533 Washington 335 S. Park 115 S. Grant 109 N. Williams	

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	10/30/2009	8/28/2009	3/8/2009	2/26/2009
PRECIP FOR 24 Hrs	1.32	N/A	2.21	2.46
PRECIP FOR 3 PREVIOUS DAYS	0.78	DRY WEATHER OVERFLOW	1.34	0.13
10- day rainfall	4.81		6.04	3.02
PEAK WWTC FLOW	71.05	N/A	83.04	92.57
# OF OVERFLOWS	2	1	12	6
MH LOCATIONS	1M-049 G1-012	H3-002-2	1M-049 H1-004 H1-005 1H-005 1K-049 G1-012 G1-015 2A-011-A 1M-056-A G4-004-A C1-009 H6-050	1M-049 H1-004 H1-005 1H-005 1K-049 L1-001
# OF BACKUPS	2	0	39	18
	4727 Fairview 4715 Fairview		1922 A Curtiss 1224 Brookside 917 Chicago 100 Chicago 221 Chicago 1924 Curtiss 1926 Curtiss 4132 Elm 5729 Fairmount 1441 Golden Bell 301 Indianapolis 231 James 235 James 5548 Lyman 5536 Lyman 5549 Lyman 5544 Lyman 4009 N. Washington 123N. Washington 420N. Washington 4015N. Washington 310Ogden 4620Pershing 4604Pershing 1725Prairie 4151Roslyn 117S. Grant 335S. Park 1125Sixty Second PL 1020Sixty Second PL 743Sixty Seventh St 34W. Fifty Fifth PL 38W. Fifty Fifth PL 29W. Fifty Fifth St 5701Webster 5704Webster 116West End 4119Williams 4636Wilson	616 Rogers 125 Eight 212 Lincoln 335 S. Park 101 N. Park 430 Rogers 100 Chicago 1240 Gilbert 221 Chicago 521 N. Park 307 N. Washington 420 N. Washington 1125 Barneswood 115 S. Grant 5436 Cumnor 1924 Curtiss 4004 Washington 200 W. Chicago

Sanitary Sewer Overflows & Public Sewer Back-Up Summary



Annual Totals

2024 Annual Rainfall (inches)	36.19
2024 Public Sewer Back-Ups:	6
2024 SSO Occurrences:	2
2024 Annual Wet Weather Events:	0
2024 Annual Dry Weather Events:	1
2024 Annual Number of Events:	1

36 Year Averages

36-Year Rainfall Average (Inches):	37.60
36-Year Annual Public Sewer Back-Up Average:	25.06
36-Year Annual SSO Average:	15.06
36 Year Wet Weather Event Average:	3.11
36 Year Dry Weather Event Average:	1.50
36 Year Number of Events Average:	4.53

YEAR	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	TOTALS	AVERAGES																				
1231 GREGORY																																					1	0.03																				
1035 HAVENS			1																																			1	0.03																			
3471 Hickory																			1																			1	0.03																			
3905 HIGHLAND																																							1	0.03																		
3928 HIGHLAND																		1																					2	0.06																		
3932 HIGHLAND																								1															3	0.08																		
3940 HIGHLAND																									1															2	0.06																	
4236 HIGHLAND																									1															1	0.03																	
4435 HIGHLAND																																									1	0.03																
4943 Highland									1																																1	0.03																
5021 HIGHLAND																																									1	0.03																
420 Hill																		1																							1	0.03																
1447 HILLCREST																																										1	0.03															
1507 HILLCREST			1																																							2	0.06															
1519 HILLCREST																									1																		1	0.03														
5733 HILLCREST																																											1	0.03														
6540 HILLCREST																																												1	0.03													
6550 HILLCREST																																												3	0.08													
1160 Hobart																			2																								2	0.06														
23 N HUDSON																			1																									2	0.06													
120 N HUDSON																											1																		1	0.03												
131 N HUDSON																																													2	0.06												
135 N HUDSON																																													1	0.03												
145 N HUDSON																																													2	0.06												
31 S HUDSON																																													1	0.03												
215 S HUDSON																																														1	0.03											
317 S HUDSON																																													1	2	0.06											
318 S HUDSON																																														1	1	0.03										
324 S HUDSON																																														1	1	0.03										
330 S HUDSON																																														1	1	0.03										
336 S HUDSON																																													3	0.08												
337 S HUDSON																																													1	1	0.03											
340 S HUDSON																																														1	1	0.03										
301 Indianapolis																																														1	1	0.03										
231 James																																															1	1	0.03									
235 James																																															1	1	0.03									
244 JAMES																																																	2	0.06								
248 JAMES DR																										1																							1	1	0.03							
256 JAMES DR																																																	1	1	0.03							
821 Jay																																																	1	1	0.03							
901 JAY																																																	1	1	0.03							
1208 Jefferson																																																	1	1	0.03							
1320 JEFFERSON																																																		1	1	0.03						
1508 JEFFERSON																																																			1	1	0.03					
835 KENYON																																																			1	1	0.03					
5516 KING ARTHUR			1																																																	1	1	0.03				
5316 LANE PL																																																					1	1	0.03			
4607 LEE																																																						1	1	0.03		
3911 N LIBERTY																																																				1	1	0.03				
3915 N LIBERTY																																																				1	1	0.03				
4020 N Liberty																																																							1	1	0.03	
212 LINCOLN																																																						2	0.06			
29 N LINCOLN																																																						1	1	0.03		
101 N Lincoln																																																							1	1	0.03	
107 N LINCOLN																																																								1	1	0.03
112 N LINCOLN																																																										

YEAR	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	TOTALS	AVERAGES					
4063 WEST END																																						1	0.03				
4113 WEST END																																							1	0.03			
4123 WEST END																																							2	0.06			
4133 WEST END																																							1	0.03			
116 N West End																1																							2	0.06			
120 N West End																			1																				1	0.03			
124 N WEST END																																								1	0.03		
428 WHIPPLE LN																																								1	0.03		
207 WHITE FAWN																																								1	0.03		
3800 Wilcox																				1																				1	0.03		
1408 WILLARD																																									1	0.03	
4014 WILLIAMS			1								1																														2	0.06	
4022 Williams																	1		1																						2	0.06	
4119 WILLIAMS																1	3												1												6	0.17	
101 S WILLIAMS																																									1	0.03	
205 S WILLIAMS																																										2	0.06
4636 WILSON																1	1												1	1												5	0.14
2460 WISCONSIN				1												1	1												1	1												6	0.17
TOTAL	6	4	7	4	1	3	5	44	12	7	19	1	5	3	9	59	102	0	45	7	2	0	0	61	7	5	40	120	150	2	5	11	0	24	132	0	902	25.06					

2024 Mainline Blockages

Date of Backup	Name of Caller	Address	Street
2/17/2024	Kevin/DG Park District	4101	Venard
5/10/2024	Monica	4436	Main
7/11/2024	Zajac, Tomas (Palos Plumbing)	5516	King Arthur
10/21/2024	Danny Jasso DGSD	2208	Arbor
10/23/2024	Siasios, Nick	4229	Lindley
12/25/2024	Wardlow, Brian	5618	Carpenter

2024 Service Line Backups

Date of Backup	Address	Street
1/3/2024	126	S. Park
1/3/2024	7232	O'Neill
1/3/2024	100	Second
1/3/2024	4902	Edward
1/5/2024	4902	Edward
1/10/2024	4004	Douglas
1/16/2024	738	Ogden
1/17/2024	836	Sixty Seventh
1/20/2024	1403	Sixty First
1/26/2024	1400	Prairie
1/26/2024	105	N. Adams
1/27/2024	4437	Seeley
1/29/2024	4700	Fairview
1/30/2024	326	Maple
2/1/2024	1301	Maple
2/2/2024	204	N. Adams
2/5/2024	6707	Briargate
2/8/2024	4730	Prince
2/8/2024	906	Oxford
2/9/2024	4121	Fairview
2/9/2024	444	Thirty Eighth
2/9/2024	6468	Springside
2/11/2024	26	W. Fifty Sixth
2/11/2024	1973	Wisconsin
2/11/2024	555	Thirty First
2/12/2024	1730	Prentiss Drive
2/13/2024	4121	Fariview
2/15/2024	805	Red Stable
2/16/2024	3936	Forest
2/16/2024	6436	S. Cass

Date of Backup	Address	Street
2/17/2024	4633	Oakwood
2/19/2024	2160	Midhurst
2/20/2024	5619	Springside
2/22/2024	5916	Cumnor
2/23/2024	6417	Dunham
2/23/2024	500	Bunning
2/23/2024	3905	Williams
2/23/2024	738	Ogden
2/25/2024	4816	Roslyn
2/25/2024	5249	Fairmount
2/25/2024	1212	Brookside
2/26/2024	4529	Prince
2/27/2024	631	Chicago
2/27/2024	6417	Dunham
2/28/2024	5337	Brookbank
3/2/2024	4904	Prospect
3/4/2024	3901	Cumnor
3/4/2024	1149	Ogden
3/5/2024	7101	Fairmount
3/7/2024	501	Lincoln
3/8/2024	5711	Washington
3/8/2024	229	S. Williams
3/9/2024	4835	Forest
3/11/2024	736	Seventy Second
3/14/2024	819	Oxford
3/15/2024	818	Prairie
3/18/2024	6324	Saratoga
3/18/2024	61	Pier
3/19/2024	1504	Thornwood
3/21/2024	4009	Washington
3/27/2024	6831	Meadow Crest
3/28/2024	5244	Blodgett

Date of Backup	Address	Street
3/29/2024	1116	Fifty Nineth
4/1/2024	7101	Ryan
4/4/2024	4719	Cumnor
4/6/2024	735	Rogers
4/8/2024	173	Saddle Brook
4/8/2024	4217	Forest
4/9/2024	1020	Sixty First
4/12/2024	241	Indianapolis
4/13/2024	1027-9	Burlington
4/14/2024	836	Sixty Seventh
4/16/2024	1800	Whidden
4/16/2024	3411	Pomeroy
4/16/2024	832	Maple
4/16/2024	6466	Hathaway
4/18/2024	107	Roslyn
4/22/2024	1032	Sixty Seventh
4/23/2024	4656	Belmont
4/23/2024	24	N Williams
4/25/2024	6525	Main
4/28/2024	826	Maple
4/29/2024	1804	Ogden
4/29/2024	314	W Traube
4/30/2024	1714	Graham
5/1/2024	6208	Park
5/1/2024	641	Fifty Eighth
5/1/2024	6824	Osage
5/2/2024	4831	Elm
5/5/2024	919	Stratford
5/6/2024	6818	Osage
5/6/2024	5253	Belmont
5/8/2024	327	W. Naperville
5/13/2024	4925	Fairview

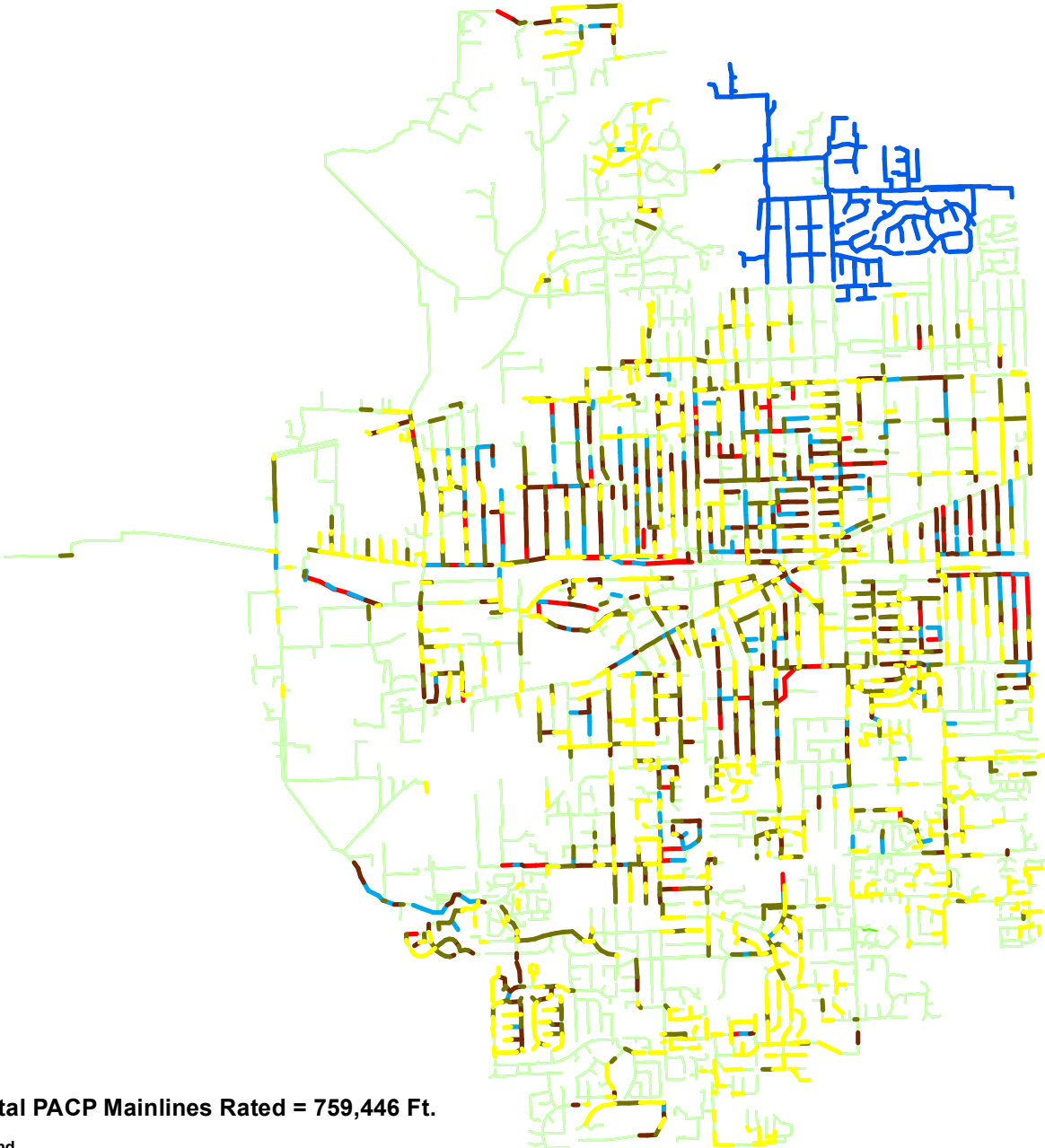
Date of Backup	Address	Street
5/17/2024	6420	Saratoga
5/17/2024	4231	Belle Aire
5/17/2024	6821	Barrett
5/27/2024	41	W. Fifty Sixth Pl
5/29/2024	4516	Pershing
5/29/2024	321	Chicago
5/29/2024	4840	Woodward
5/31/2024	1146	Sixty Third
5/31/2024	1171	Parker
6/3/2024	5311	Washington
6/3/2024	815	Birch
6/4/2024	215	S Hudson
6/4/2024	4828	Forest
6/4/2024	815	Birch
6/5/2024	5200	Main
6/10/2024	4910	Wallbank
6/11/2024	333	N. Lincoln
6/19/2024	1430	Sixty Second
6/21/2024	6800	Fairview
6/24/2024	1840	Bolson
6/26/2024	4225	Highland
7/2/2024	4902	Pershing
7/3/2024	820	Randall
7/3/2024	6907	Meadow Crest
7/5/2024	1962	Hitchcock
7/8/2024	265	W Fifty Seventh
7/9/2024	5841	Brookbank
7/9/2024	5135	Lee
7/10/2024	4450	Wilson
7/10/2024	703	Rogers
7/10/2024	706	W. Sixty third
7/10/2024	4534	Cornell

Date of Backup	Address	Street
7/10/2024	706	W. Sixty Third
7/12/2024	4417	Stonewall
7/14/2024	4225	Highland
7/15/2024	26	S Adams
7/19/2024	26	S Adams
7/22/2024	6514	Stair
7/22/2024	5537	Carpenter
7/23/2024	3912	Washington
7/24/2024	1912	Hitchcock
7/24/2024	3840	Wilcox
7/26/2024	5521	Webster
7/26/2024	516	Grant
7/31/2024	1100	Norfolk
8/1/2024	26	Bluegrass
8/2/2024	4925	Middaugh
8/2/2024	621	Gierz
8/2/2024	5712	Springside
8/2/2024	728	W. Sixty Fifth
8/9/2024	4939	Woodward
8/19/2024	529	Gierz
8/19/2024	408	Lake
8/21/2024	6406	Prideham
8/23/2024	5428	Blodgett
8/23/2024	6378	Prideham
8/26/2024	101	S. Grant
8/26/2024	4143	Elm
8/26/2024	6010	Osage
8/27/2024	1420	Concord
8/27/2024	912	Sixtieth
8/28/2024	419	Buckingham
8/28/2024	5230	Blodgett
8/30/2024	1800	Whidden

Date of Backup	Address	Street
9/3/2024	3371	Pomeroy
9/7/2024	1893	Hastings
9/12/2024	7141	Barrett
9/15/2024	6100	S. Cass
9/15/2024	6100	S Cass
9/15/2024	5118	Fairview
9/16/2024	321	Sheldon
9/17/2024	3370	Pomeroy
9/18/2024	6700	Meadow Crest
9/19/2024	4939	Pershing
9/19/2024	1130	Oak Hill
9/19/2024	6837	Valley View
9/20/2024	3819	Liberty
9/23/2024	4708	Woodward
9/24/2024	529	Gierz
9/25/2024	5611	Middaugh
9/25/2024	5110	Lee
9/26/2024	111	Sixth
9/26/2024	4712	Saratoga
10/1/2024	4711	Prince
10/2/2024	118	Prairie Dr
10/5/2024	6136	Dunham
10/8/2024	6317	Dunham
10/9/2024	4109	N. Lincoln
10/9/2024	239	S. Williams
10/16/2024	7104	Binder
10/16/2024	6900	Waterfall
10/18/2024	210	N Grant
10/19/2024	5551	Lyman
10/23/2024	1016	Pinewood
10/25/2024	5741	Washington
10/27/2024	6500	Fairmount

Date of Backup	Address	Street
10/30/2024	441	Austin
10/30/2024	621	Dawn
10/30/2024	5227	Lee
10/31/2024	441	Austin
11/1/2024	5346	Grand
11/4/2024	4831	Elm
11/6/2024	1524	Thornwood
11/7/2024	4939	Pershing
11/10/2024	4005	N Grant
11/11/2024	4827	Stonewall
11/16/2024	1521	Thornwood
11/21/2024	1881	Brighton
11/24/2024	545	Gierz
11/26/2024	6770	Dunham
12/3/2024	3813	N. Washington
12/4/2024	4225	Forest
12/4/2024	6831	Meadow Crest
12/9/2024	5820	Raintree
12/11/2024	4151	Longmeadow
12/14/2024	4516	Florence
12/23/2024	3009	Carpenter
12/24/2024	442	Lake
12/26/2024	204	N. Adams
12/26/2024	4819	Wallbank
12/26/2024	219	Robinson
12/29/2024	1109	Sixtieth
12/30/2024	951	Indian Boundary
12/30/2024	924	Bonnie Brae

2024 Sewer System Mainline PACP Status



Total PACP Mainlines Rated = 759,446 Ft.

Legend

- 2024 Contract Televising (Pending PACP Scoring) - 65,708 Ft.
- Failure unlikely in the foreseeable future - 468,570 Ft.
- Pipe unlikely to fail for at least 20 years - 152,331 Ft.
- Pipe may fail in 10 to 20 years - 89,754 Ft.
- Pipe will probably fail within the next 5 to 10 years - 42,729 Ft.
- Pipe has failed or will fail within the next 5 years - 6,119 Ft.
- Total District Sanitary Mainlines - 1,279,015 Ft.

**Downers Grove Sanitary District
Flow Monitoring Program**

I/I Ranking Summary - Highest I/I to Lowest I/I

Manhole Number	Group	Region	Through December 2024	
			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-J-9	A	Central	19.07	8
1-M-8	H	Central	18.95	9
1-F-9	I	Central	18.78	10
1-K-28	A	Central	18.65	11
H-4-12	F	Hobson	18.02	12
1-K-10	A	Central	16.94	13
G-1-15	B	Central	16.93	14
1-M-15	H	Central	16.67	15
W-2-15	M	Hobson	16.44	16
V-2-31	O	Northwest	16.35	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
1-L-12R	B	Central	14.19	24
1-H-4	H	Central	14.04	25
G-2-1	B	Central	13.89	26
1-B-10	J	Central	13.80	27
N-1-25	E	Northwest	13.71	28
E-1-26	O	Central	13.51	29
2-G-5	C	Central	13.27	30
N-1-3	E	Northwest	12.80	31
G-6-2	B	Central	12.60	32
B-1-000	E	Northwest	12.52	33
C-1-000	L	Hobson	12.41	34
V-4-2	N	Central	12.27	35
1-D-8	J	Central	12.26	36
L-1-111	N	Central	12.09	37
1-G-5	A	Central	12.03	38
H-1-3	F	Hobson	12.01	39
V-1-15	O	Northwest	11.65	40
2-F-1	C	Central	11.60	41
1-N-11	A	Central	11.40	42
G-5-15	B	Central	11.35	43
1-E-38	I	Central	10.96	44

**Downers Grove Sanitary District
Flow Monitoring Program**

I/I Ranking Summary - Highest I/I to Lowest I/I

Manhole Number	Group	Region	Through December 2024	
			Average I/I Number	Rank 1 = Highest I/I
H-1-17	F	Hobson	10.94	45
1-G-46	A	Central	10.61	46
L-1-000	N	Central	10.53	47
V-3-13	N	Central	10.46	48
1-A-128	K	Central	10.31	49
L-1-33	N	Central	10.22	50
1-G-14S	I	Central	10.14	51
L-1-13	N	Central	10.12	52
H-3-48	D	Hobson	10.08	53
W-2-7	M	Hobson	10.02	54
V-3-82	N	Central	9.88	55
W-1-30	M	Hobson	9.81	56
2-F-2	C	Central	9.79	57
H-1-22	F	Hobson	9.71	58
1-B-2	J	Central	9.57	59
3-A-2	E	WWTC	9.44	60
H-4-75	F	Hobson	9.22	61
1-F-31	I	Central	9.03	62
1-N-1A	A	Central	9.01	63
1-J-14	A	Central	8.99	64
H-3-18	D	Hobson	8.98	65
1-J-16	A	Central	8.94	66
G-3-11	B	Central	8.84	67
L-1-17	N	Central	8.66	68
1-C-6	J	Central	8.55	69
1-C-50	K	Central	8.53	70
W-1-65	M	Hobson	8.34	71
1-J-3-1	A	Central	8.11	72
1-M-12A	H	Central	8.08	73
1-A-10	K	Central	8.07	74
2-C-1	C	Central	8.03	75
2-E-5	C	Central	7.88	76
1-D-4	J	Central	7.59	77
G-4-4A	B	Central	7.58	78
V-4-14	N	Central	7.47	79
1-K-2	A	Central	7.47	80
1-F-21S	I	Central	7.18	81
2-G-12	C	Central	7.15	82
2-A-8	L	Central	7.14	83
W-1-2	M	Hobson	7.12	84
1-E-7	I	Central	7.12	85
H-7-9-7	G	Hobson	7.01	86
1-C-6S	J	Central	7.01	87
2-B-7	L	Central	6.94	88

**Downers Grove Sanitary District
Flow Monitoring Program**

I/I Ranking Summary - Highest I/I to Lowest I/I

Manhole Number	Group	Region	Through December 2024	
			Average I/I Number	Rank 1 = Highest I/I
H-3-15	D	Hobson	6.85	89
G-2-4	B	Central	6.85	90
C-1-5	L	Hobson	6.77	91
1-H-9	H	Central	6.64	92
G-5-28	B	Central	6.62	93
1-B-18	J	Central	6.60	94
3-B-1A	E	WWTC	6.36	95
2-A-10S	K	Central	6.27	96
2-C-54	C	Central	6.26	97
W-1-39	M	Hobson	6.25	98
G-3-3	B	Central	6.22	99
3-A-8	E	Hobson	6.09	100
H-3-12	D	Hobson	5.96	101
1-G-22S	I	Central	5.95	102
H-5-21-1	G	Hobson	5.93	103
H-2-15	D	Hobson	5.89	104
1-E-6S	I	Central	5.89	105
H-2-6	F	Hobson	5.83	106
1-E-80	J	Central	5.80	107
H-2-29	D	Hobson	5.73	108
V-1-9	O	Northwest	5.73	109
G-5-2	B	Central	5.67	110
W-2-42	M	Hobson	5.66	111
H-7-26	G	Hobson	5.65	112
G-4-12	B	Central	5.63	113
V-3-8R	N	Central	5.61	114
1-E-4S	J	Central	5.58	115
2-A-10	K	Central	5.42	116
2-A-1	L	Central	5.41	117
V-4-34	N	Central	5.39	118
H-6-5	D	Hobson	5.35	119
2-A-1S	L	Central	5.25	120
H-5-17	G	Hobson	5.21	121
1-C-2	K	Central	5.13	122
V-1-6	O	Northwest	4.90	123
H-4-46	F	Hobson	4.70	124
V-1-000	O	Northwest	4.62	125
H-6-28C	D	Hobson	4.61	126
N-1-76	E	Northwest	4.49	127
B-1-17	E	Northwest	4.37	128
2-C-10	C	Central	4.19	129
V-3-000	I	Central	4.13	130
V-2-7	O	Northwest	4.12	131
B-1-35	E	Northwest	3.97	132

**Downers Grove Sanitary District
Flow Monitoring Program**

I/I Ranking Summary - Highest I/I to Lowest I/I

Manhole Number	Group	Region	Through December 2024	
			Average I/I Number	Rank 1 = Highest I/I
H-3-2-2	D	Hobson	3.96	133
C-1-11	L	Hobson	3.71	134
H-7-17	G	Hobson	3.57	135
H-4-29	F	Hobson	3.56	136
H-7-6	G	Hobson	3.55	137
H-5-12	G	Hobson	3.40	138
H-5-21-9	G	Hobson	2.94	139
V-1-17	O	Northwest	2.90	140
1-G-28R	H	Central	2.73	141
H-2-99	F	Hobson	2.50	142
H-7-9-47	G	Hobson	2.39	143
H-5-21-17	G	Hobson	2.29	144
2-A-49	L	Central	2.12	145
H-5-2	G	Hobson	1.95	146
H-7-30A	G	Hobson	1.87	147
V-3-21	N	Central	1.67	148
H-8-1	F	Hobson	1.31	149
E-1-000	O	Central	1.07	150

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: January 16, 2025

TO: Amy Underwood
General Manager

FROM: Todd Freer
Sewer System Maintenance Supervisor

RE: 2025 Collection System Work Plan

Proposed work on the collection system for 2025

1. Regular cleaning of 299,754 feet of sewers with diameter 21 inches or smaller (4-year cycle). Sewer areas 1A, 1B, 1C, 1D, 1E, 2A, 2B, 3A, 3B, B1, N1, V1, V2, and annual cleaning of all siphons.
2. Continue to heavy clean main sewers on the PM. List annually (41,048 feet), every 6 months (22,009 feet), and every 3 months (4,668.4 feet). Evaluate the Annual, 6-Month, and 3-month PM lists based on system changes and cleaning crew feedback.
3. Continue annual monitoring and heavy cleaning if needed of 3,974' of 18" and 30" main sewer in the Denburn Woods and Gilbert Park area.
4. Televis 98,395 feet of main sewers (13-year cycle).
5. PACP Score 2024 Televising Contract Footage and update Lucity database and CMOM PACP Status.
6. Continue the regular metering of the 50 basins for 9 weeks per basin (3-year cycle).
7. Continue the inspections of private property under the Private Property Infiltration and Inflow (I&I) Removal Program in the targeted basins.
8. Continue the Building Sanitary Service Repair Assistance Program including the removal of identified I/I sources within these buildings.
9. Televis and locate as needed the building services for the Private Property I/I Removal Program, Building Sanitary Service Repair Assistance Program and the Cost Reimbursement Program for the installation of Overhead Sewers or Backflow Prevention Devices.
10. Inspect buildings for I/I sources for the above programs.
11. Inspect 300 district manholes (20-year cycle)
12. Utilize flow meter data and other district records to prioritize main sewers for repair or rehabilitation in accordance with the I/I Removal and Sewer System Rehabilitation Policy.
13. Utilize the Lucity software and other district records to prioritize main sewers for repair or rehabilitation in accordance with the I/I removal and Sewer System Rehabilitation Policy.
14. Continue updating records and correcting errors in GIS and Lucity.

15. Continue to assist at the treatment plant and lift stations with maintenance and other tasks where the use of the Vac-Con is beneficial.
16. Evaluate the maintenance status of the Northwest Lift Station Easement Trunk Sewer located in the DuPage County Forest Preserve. Continue to work with the County Forest Preserve on a plan for DGSD to implement a service road for future sewer maintenance accessibility.
17. Assist the DGSD Billing Department with the location of private property services intended for disconnection.

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

To: Board of Trustees
From: Amy Underwood
Re: Facility Planning Report for December 2024
Date: January 17, 2025

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

Engineer's Fee	\$320,000.00
Total Completed to Date	\$86,137.08
Less Previous Payments	<u>-\$66,909.75</u>
Current Payment Due	<u>\$19,227.33</u>
Remaining	\$233,862.92

B&W has finalized the basis of design of the existing Wastewater Treatment Center (WWTC) and is preparing to present the results to District staff.

B&W has begun building a hydraulic model of the WWTC using the information confirmed by the hydraulic survey.

The WWTC condition assessment will be scheduled as soon as possible. District staff may need to delay this until after the budget is complete.

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

C: BOLI, CS, DM

This attachment has been removed for its contents are currently confidential.

This attachment has been removed for its contents are currently confidential.

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Amy R. Underwood
General Manager

FROM: Carly Shaw
Administrative Supervisor

DATE: January 9, 2025

RE: Administrative Services Progress Report – December 2024

ADMINISTRATIVE

Personnel

Charles Preen will be retiring on March 1, 2025. We will be planning a dinner to celebrate his over 40 years of service to the District.

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

Our next meeting with BS&A on the account software will be in February. There are no updates at this time.

To streamline our process even more, I have begun investigating online billing portals that integrate with BS&A software. One of those is Invoice Cloud who we used prior to the switch to City Insight. We are only halfway through our contract with City Insight, but we have not been completely satisfied with their software and if possible, would like to transition the online portal when we go live with BS&A. Things such as the expense of transitioning as well as terminating services with City Insight will be considered when making the determination of what our course of action will be.

FINANCIAL

W-2s and 1099s

Michelle Jasso, Accounting Assistant for the District, and I completed the 2024 W-2 forms for employees during the last week of December. These were distributed during the second week of January. We will be preparing the 2024 1099 forms for vendors by the end of January to follow IRS regulations.

Treasurer's Report and Investment Activity

The monthly Treasurer's Report and the District's Investment Schedule with detailed investment

information (financial institution name, current rate, and dollar amount) is provided separately in the packet each month. The Schwab statement and information sheet is also attached to the investment schedule.

The Stearns Bank 9-month CD matures on January 17, 2025. As we approach that date, we will investigate the rates to see what the best option will be for those funds.

User Billing

As of January 9, 2025 we received payments from 20 of the show cause accounts with 13 remaining unpaid. Two of those 13 have communicated with staff and are in the process of making payments. We have received the findings and recommendations from Alan Alongi and once we can establish the sewer locations, notices will go out to those that remain unpaid regarding disconnection.

Detailed billing information is attached to this report.

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

USER BILLING SUMMARY

User Charge System

Billings for December 2024 were as follows:

	User	\$405,302.00
	Surcharge	47,852.08
	Monthly fees	417,607.00
	Total	\$870,761.08
Summer Usage Adjustment		\$2.06
	Billable Flow	147,381,796
	Budgeted Billable Flow	142,530,290
	% Actual/Budgeted Billable Flow	103.40%
	YTD Billable Flow	1,346,663,947
	YTD Budgeted Billable Flow	1,352,754,555
	% Actual/Budgeted Billable Flow	99.55%

The user accounts receivable balance on 12/31/2024 is \$908,561.18 and consists of:

	Current charges due 1/15/2025	\$724,816.99
	Past due charges and penalty	183,744.19
	Total	\$908,561.18

The past due charges represent:

<u>Age</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$57,652.96	\$6,646.38	\$64,299.34
60 days past due	48,028.55	6,687.41	54,715.96
90 days & greater past due	54,278.06	10,450.83	64,728.89
Totals	\$159,959.57	\$23,784.62	\$183,744.19

Summary of
Past Due Charges
(90 Days and Over)

Five Year Comparison

December

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2024	\$54,278.06	\$10,450.83	\$64,728.89
2023	95,040.68	14,211.80	109,252.48
2022	38,839.46	7,034.95	45,874.41
2021	75,563.02	14,423.46	89,986.48
2020	104,927.73	15,924.29	120,852.02

Twelve Months Ending November 2024

<u>Month Ending</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
12/31/24	\$54,278.06	\$10,450.83	\$64,728.89
11/30/24	57,855.31	11,152.84	69,008.15
10/31/24	60,512.01	11,615.57	72,127.58
9/30/24	74,136.03	13,818.16	87,954.19
8/31/24	61,338.78	11,993.15	73,331.93
7/31/24	58,557.54	10,989.31	69,546.85
6/30/24	60,791.09	11,755.76	72,546.85
5/31/24	56,724.94	11,565.75	68,290.69
4/30/24	58,809.41	10,989.40	69,798.81
3/31/24	68,937.10	12,132.98	81,070.08
2/29/24	79,375.87	12,955.12	92,330.99
1/31/24	89,625.98	12,900.38	102,526.36

There were 43 accounts scheduled for Pre-Enforcement on December 15, 2024 of which 25 accounts have paid in full.
There are 23 accounts scheduled for Pre-Enforcement on January 15, 2025.

To: Amy Underwood, General Manager
From: Marc Majewski, Operations Supervisor
Date: January 14, 2025
Subject: December 2024 WWTC Operations Report

Dear Amy,

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

Operations Highlights:

1. Monthly flow:

- Average daily flows: 7.90 MGD (Million Gallons per Day)
- Total precipitation: 1.93 inches
- Excess Flow days: 0
- Days of discharge over 11 MGD: 4

2. Activated Sludge:

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

3. Anaerobic Digesters:

- Pumped Volumes:
 - Primary Sludge: 505,449 gallons
 - TWAS to Dig 4(Thickened Waste Activated Sludge): 270,061 gallons
 - Total WAS to Digester 4: 450,521 gallons
 - Waste grease: 192,135 gallons

4. Digester Gas:

- Total production: 4,168,187 cubic feet
- Usage Breakdown:
 - Heat Exchangers: 165,823 cubic feet
 - CHP facilities: 3,694,102 cubic feet
- Flared gas recorded: 82,490 cubic feet
- Munters dehumidifier gas consumption: 225,773 cubic feet

5. Biosolids:

- Distributed 23 Dry tons of Class A biosolids in December, with a year end total of 904 Dry tons of class A biosolid.
- Distributed 288 Dry tons of Class B biosolids in December, with a year end total of 717 Dry tons of Class B biosolid.

6. Electricity:

- Overall net energy from ComEd: 54,566 kWh
- Electricity generated by CHP system: 300,735 kWh
- Monthly net energy (including natural gas usage): 94 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
12/1/2024	0.00	10.13	3.66	6.85	0.00	0.00	0.00	0.00	0.00	0.00	6.85	10.13	0.00
12/2/2024	0.00	10.11	3.68	6.78	0.00	0.00	0.00	0.00	0.00	0.00	6.78	10.11	0.00
12/3/2024	0.00	10.15	3.69	6.60	0.00	0.00	0.00	0.00	0.00	0.00	6.60	10.15	0.00
12/4/2024	0.00	9.78	3.61	6.59	0.00	0.00	0.00	0.00	0.00	0.00	6.59	9.78	0.00
12/5/2024	0.00	9.99	3.34	6.47	0.00	0.00	0.00	0.00	0.00	0.00	6.47	9.99	0.00
12/6/2024	0.00	10.05	3.46	6.51	0.00	0.00	0.00	0.00	0.00	0.00	6.51	10.05	0.00
12/7/2024	0.00	10.33	3.26	6.39	0.00	0.00	0.00	0.00	0.00	0.00	6.39	10.33	0.00
12/8/2024	0.00	9.90	3.23	6.39	0.00	0.00	0.00	0.00	0.00	0.00	6.39	9.90	0.00
12/9/2024	0.01	9.21	3.35	6.33	0.00	0.00	0.00	0.00	0.00	0.00	6.33	9.21	0.00
12/10/2024	0.00	9.79	3.04	6.20	0.00	0.00	0.00	0.00	0.00	0.00	6.20	9.79	0.00
12/11/2024	0.00	10.03	3.22	6.17	0.00	0.00	0.00	0.00	0.00	0.00	6.17	10.03	0.00
12/12/2024	0.00	10.09	3.32	6.33	0.00	0.00	0.00	0.00	0.00	0.00	6.33	10.09	0.00
12/13/2024	0.00	10.07	3.19	6.23	0.00	0.00	0.00	0.00	0.00	0.00	6.23	10.07	0.00
12/14/2024	0.45	13.49	3.27	6.80	0.00	0.00	0.00	0.00	0.00	0.00	6.80	13.49	0.00
12/15/2024	0.06	15.16	7.33	9.95	0.00	0.00	0.00	0.00	0.00	0.00	9.95	15.16	0.00
12/16/2024	0.03	11.56	4.94	8.14	0.00	0.00	0.00	0.00	0.00	0.00	8.14	11.56	0.00
12/17/2024	0.00	10.40	4.59	7.38	0.00	0.00	0.00	0.00	0.00	0.00	7.38	10.40	0.00
12/18/2024	0.00	10.41	4.16	7.04	0.00	0.00	0.00	0.00	0.00	0.00	7.04	10.41	0.00
12/19/2024	0.00	10.13	3.89	6.91	0.00	0.00	0.00	0.00	0.00	0.00	6.91	10.13	0.00
12/20/2024	0.00	11.58	4.73	8.03	0.00	0.00	0.00	0.00	0.00	0.00	8.03	11.58	0.00
12/21/2024	0.00	11.52	4.38	7.41	0.00	0.00	0.00	0.00	0.00	0.00	7.41	11.52	0.00
12/22/2024	0.00	10.52	4.19	7.16	0.00	0.00	0.00	0.00	0.00	0.00	7.16	10.52	0.00
12/23/2024	0.13	10.43	4.02	7.26	0.00	0.00	0.00	0.00	0.00	0.00	7.26	10.43	0.00
12/24/2024	0.00	11.03	4.06	7.08	0.00	0.00	0.00	0.00	0.00	0.00	7.08	11.03	0.00
12/25/2024	0.00	9.96	3.97	6.39	0.00	0.00	0.00	0.00	0.00	0.00	6.39	9.96	0.00
12/26/2024	0.05	10.24	3.85	6.85	0.00	0.00	0.00	0.00	0.00	0.00	6.85	10.24	0.00
12/27/2024	0.29	14.77	4.33	8.07	0.00	0.00	0.00	0.00	0.00	0.00	8.07	14.77	0.00
12/28/2024	0.02	15.59	9.28	11.22	0.00	0.00	0.00	0.00	0.00	0.00	11.22	15.59	0.00
12/29/2024	0.40	22.39	6.20	13.75	0.00	0.00	0.00	0.00	0.00	0.00	13.75	22.39	0.00
12/30/2024	0.00	20.42	12.17	14.87	0.00	0.00	0.00	0.00	0.00	0.00	14.87	20.42	0.00
12/31/2024	0.49	22.38	9.80	16.79	0.00	0.00	0.00	0.00	0.00	0.00	16.79	22.38	0.00
Minimum	0.00	9.21	3.04	6.17	0.00	0.00	0.00	0.00	0.00	0.00	6.17	9.21	0.00
Maximum	0.49	22.39	12.17	16.79	0.00	0.00	0.00	0.00	0.00	0.00	16.79	22.39	0.00
Total	1.93	371.60	143.21	244.94	0.00	0.00	0.00	0.00	0.00	0.00	244.94	371.60	0.00
Average	0.06	11.99	4.62	7.90	0.00	0.00	0.00	0.00	0.00	0.00	7.90	11.99	0.00

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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
12/1/2024	6.85		70,462	18.45							
12/2/2024	6.78	2,320	71,974	17.81	37	28	24	119		4,607	8.4
12/3/2024	6.60	2,403	74,538	17.64	34	26	23	107	3,451		8.2
12/4/2024	6.59	2,519	78,134	16.59	40	28	24	110		4,674	7.8
12/5/2024	6.47	2,423	75,171	14.70	38	27	23	112	3,294		
12/6/2024	6.51	2,345	72,741	14.91						4,498	
12/7/2024	6.39		72,741	14.97							
12/8/2024	6.39		72,741	14.82							
12/9/2024	6.33	2,488	77,175	16.52	37	27	24	108		4,243	8.0
12/10/2024	6.20	2,400	74,471	15.31	37	27	23	113	3,604		7.8
12/11/2024	6.17	2,454	76,147	15.10	39	28	23	115		4,268	7.8
12/12/2024	6.33	2,306	71,546	14.07	35	26	22	113	3,761		
12/13/2024	6.23	2,335	72,434	14.14						4,456	
12/14/2024	6.80		72,434	14.14							
12/15/2024	9.95		72,434	14.07							
12/16/2024	8.14	2,559	79,377	12.21	34	24	21	94		5,438	8.0
12/17/2024	7.38	2,319	71,929	10.58	28	22	19	97	4,202		8.2
12/18/2024	7.04	2,230	88,166	13.27	27	21	18	95		4,388	8.1
12/19/2024	6.91	2,338	72,534	14.35	28	21	19	92	3,234		
12/20/2024	8.03	2,310	71,651	12.96	27	20	18	88		4,779	
12/21/2024	7.41		71,651	13.10							
12/22/2024	7.16		71,651	13.08							
12/23/2024	7.26	2,261	70,140	13.43	28	21	19	93		4,544	8.2
12/24/2024	7.08		70,140	13.46							7.6
12/25/2024	6.39		70,140	13.54							
12/26/2024	6.85	2,373	73,615	14.09	29	22	20	93	4,234		8.0
12/27/2024	8.07	2,490	77,263	14.43	32	23	20	92		4,712	
12/28/2024	11.22		77,263	14.36							
12/29/2024	13.75		77,263	14.23							
12/30/2024	14.87	1,708	52,989	6.78	24	18	16	104		6,715	7.8
12/31/2024	16.79		52,989	6.71							
Minimum	6.17	1,708	52,989.10	6.71	23.52	17.51	16.02	87.62	3,234	4,243	7.6
Maximum	16.79	2,559	88,166.24	18.45	39.93	28.48	24.25	119.19	4,234	6,715	8.4
Total	244.94	44,580	2,253,905.15	433.85	553.40	410.42	356.89	1,745.94	25,780	57,322	103.9
Average	7.90	2,346	72,706.58	13.99	32.59	24.06	20.94	102.65	3,683	4,777	8.0

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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
12/1/2024	6.85							14	29	
12/2/2024	6.78	184	122		1.5	85	98.6	13	27	63.3
12/3/2024	6.60	182	105	2.4	1.7	94	97.9	17	33	63.3
12/4/2024	6.59	315			1.6	88	98.7	17	42	63.1
12/5/2024	6.47							12	31	62.4
12/6/2024	6.51							14	35	
12/7/2024	6.39							24	52	
12/8/2024	6.39							39	58	
12/9/2024	6.33	240	105		1.6	84	98.7	44	57	63.1
12/10/2024	6.20	230	135	3.4	1.4	72	98.3	31	44	63.0
12/11/2024	6.17	235	150		1.6	82	98.6	12	34	62.4
12/12/2024	6.33	307	147	1.8	1.4	74	99.2	6	17	62.1
12/13/2024	6.23							7	31	
12/14/2024	6.80							26	41	
12/15/2024	9.95							40	46	
12/16/2024	8.14	205	78		1.4	95	98.5	38	53	60.8
12/17/2024	7.38	206	125	3.2	2.1	129	98.3	33	40	60.8
12/18/2024	7.04	193			2.2	129	98.1	27	37	61.0
12/19/2024	6.91							27	34	61.0
12/20/2024	8.03							22	36	
12/21/2024	7.41							14	32	
12/22/2024	7.16							11	35	
12/23/2024	7.26							33	42	60.1
12/24/2024	7.08	174	170		2.4	142	97.8	34	40	60.2
12/25/2024	6.39	174	145	4.9	2.0	107	97.9	34	41	60.1
12/26/2024	6.85	260	155	3.8	1.6	91	98.7	40	50	59.9
12/27/2024	8.07							47	53	
12/28/2024	11.22							42	53	
12/29/2024	13.75							38	48	
12/30/2024	14.87	115	44		3.0	372	95.6	34	42	59.9
12/31/2024	16.79	98	77	5.8	3.7	518	91.8	35	43	57.2
Minimum	6.17	98	44	1.8	1.40	72	91.8	6	17	57.2
Maximum	16.79	315	170	5.8	3.70	518	99.2	47	58	63.3
Total	244.94	3,118	1,558	25.3	29.20	2,163	1,466.8	1,104	1,257	1,103.7
Average	7.90	208	120	3.6	1.95	144	97.8	27	41	61.3

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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
12/1/2024	6.85	156			0.5	29	99.7				
12/2/2024	6.78	168	82		0.8	45	99.5	7.6	7.8	7.2	7.2
12/3/2024	6.60	212	66	6.3	0.7	39	99.7	7.8	7.4	7.0	7.2
12/4/2024	6.59	188	78	5.8	0.6	33	99.7	7.7	7.4	6.9	7.2
12/5/2024	6.47	168		6.0	0.7	38	99.6	7.7	7.3	6.9	7.1
12/6/2024	6.51	310			0.4	22	99.9	7.7	7.3	6.9	7.1
12/7/2024	6.39	168			0.3	16	99.8				
12/8/2024	6.39	168			0.2	11	99.9				
12/9/2024	6.33	208	28		0.3	16	99.9	7.6	7.2	7.1	7.2
12/10/2024	6.20	196	72	6.0	0.4	21	99.8	7.6	7.1	7.3	7.0
12/11/2024	6.17	220	46		0.5	26	99.8	7.6	7.4	6.8	7.0
12/12/2024	6.33	245	81	46.0	0.4	21	99.8	7.6	7.6	6.9	7.0
12/13/2024	6.23	204			0.5	26	99.8	7.0	7.7	6.8	7.6
12/14/2024	6.80	196			0.6	34	99.7				
12/15/2024	9.95	150			0.6	50	99.6				
12/16/2024	8.14	228	72		0.8	54	99.6	7.7	7.5	7.0	7.2
12/17/2024	7.38	158	57	5.8	0.7	43	99.6	7.8	7.4	7.1	7.3
12/18/2024	7.04	196			0.9	53	99.5	7.8	7.3	7.1	7.4
12/19/2024	6.91	180	70	10.0	1.5	86	99.2	7.7	7.5	7.1	7.2
12/20/2024	8.03	168			1.8	121	98.9	7.6	7.3	7.0	7.3
12/21/2024	7.41	148			1.7	105	98.9				
12/22/2024	7.16	172			1.3	78	99.2				
12/23/2024	7.26	260	72		0.5	30	99.8	7.6	7.3	7.2	7.2
12/24/2024	7.08	144	114		0.7	41	99.5	7.7	7.5	7.1	7.3
12/25/2024	6.39	148	62	7.6	0.5	27	99.7				
12/26/2024	6.85	260	97	6.0	0.8	46	99.7	7.6	7.2	7.2	7.1
12/27/2024	8.07	184			0.4	27	99.8	7.6	7.3	7.0	7.2
12/28/2024	11.22	112			0.8	75	99.3				
12/29/2024	13.75	130									
12/30/2024	14.87	84	32		2.3	285	97.3	7.8	7.7	7.2	7.4
12/31/2024	16.79	112	43	11.9	6.8	952	93.9	7.8		7.3	
Minimum	6.17	84	28	5.8	0.2	11	93.9	7.0	7.1	6.8	7.0
Maximum	16.79	310	114	46.0	6.8	952	99.9	7.8	7.8	7.3	7.6
Total	244.94	5,641	1,072	111.4	29.0	2,447	2,979.9	160.6	148.2	148.1	144.2
Average	7.90	182	67	11.1	1.0	82	99.3	7.6	7.4	7.1	7.2

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Date	Tertiary Flow	Influent Ammonia-N	Tertiary Effluent Ammonia-N	Tertiary Effluent Ammonia-N Load	Chlorine Residual	Fecal Coliform
	MGD	mg/l	mg/l	lbs/day	mg/l	col/100ml
12/1/2024	6.85	17.80	0.10	5.7		
12/2/2024	6.78	28.29	0.10	5.7		
12/3/2024	6.60	27.15	0.14	7.7		
12/4/2024	6.59	27.80	0.16	8.8		
12/5/2024	6.47	23.64	0.23	12.4		
12/6/2024	6.51					
12/7/2024	6.39					
12/8/2024	6.39	21.41	0.10	5.3		
12/9/2024	6.33	32.12	0.10	5.3		
12/10/2024	6.20	31.11	0.10	5.2		
12/11/2024	6.17	26.23	0.11	5.7		
12/12/2024	6.33	27.98	0.10	5.3		
12/13/2024	6.23					
12/14/2024	6.80					
12/15/2024	9.95	14.33	0.10	8.3		
12/16/2024	8.14	19.75	0.10	6.8		
12/17/2024	7.38	19.84	0.10	6.2		
12/18/2024	7.04	20.60	0.10	5.9		
12/19/2024	6.91	22.02	0.10	5.8		
12/20/2024	8.03					
12/21/2024	7.41					
12/22/2024	7.16	17.60	0.10	6.0		
12/23/2024	7.26	26.72	0.10	6.1		
12/24/2024	7.08					
12/25/2024	6.39	20.92	0.10	5.3		
12/26/2024	6.85	26.44	0.10	5.7		
12/27/2024	8.07					
12/28/2024	11.22					
12/29/2024	13.75	10.30	0.28	32.1	0.015	
12/30/2024	14.87	11.29	1.24	153.8	0.015	
12/31/2024	16.79	9.89	1.77	247.8	0.015	
Minimum	6.17	9.89	0.10	5.2	0.015	
Maximum	16.79	32.12	1.77	247.8	0.015	
Total	244.94	483.23	5.43	556.6	0.045	
Average	7.90	21.97	0.25	25.3	0.015	

SLUDGE DATA

Primary Sludge	TS	3.38 %	505,449 Gallons
WAS to Digester 4	TS	2.50 %	180,460 Gallons
WAS to Thickener	TS	2.50 %	442,927 Gallons
TWAS to Digester 4	TS	5.97 %	270,061 Gallons
Hauled Grease to Digs	TS	6.70 %	192,135 Gallons

Anaerobically Digested Sludge Pumping

to Drying Beds	TS	2.90 %	34,020 Gallons
to BFP	TS	2.02 %	604,540 Gallons
to Lagoons	TS	%	Gallons
Total			638,560.0 Gallons

VS Destruction

66.8 %

Biosolids Disposal

Class A Distribution	Dec	23 Dry Tons
Class B Hauling	Dec	266 Dry Tons
Total	Dec	288 Dry Tons
Class A Distribution	YTD	904 Dry Tons
Class B Hauling	YTD	717 Dry Tons
Total	YTD	1,620 Dry Tons

ENERGY DATA

Total Digester Gas Production	4,168,187 SCF
Gas Volume per Volatile Solids Load	11.5 Cu.Ft./Lb.

Digester Gas Utilization

Heat Exchangers	165,823 SCF
Dehumidification	225,773 SCF
CHP	3,694,102 SCF
Total	4,085,698 SCF

Digester Gas Flared

82,490 SCF

Natural Gas Consumed

WWTC	36,400 SCF
MSB	51,200 SCF
Chemical Feed	36,967 SCF
5006 Walnut	26,667 SCF

Kilowatt-hours Generated CHP 300,735 KWH

Net energy from Comed 54,566 KWH

Monthly net energy 94 MWH

MISCELLANEOUS

Grit Removal	Dec	20 Cu. Yds
Grit Removal	YTD	260 Cu. Yds
Anaerobic Supernate		741,790 Gallons
Waste Activated Sludge		134,062 Gals/Day
City Water Consumed		14,237 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
12/1/2024	6.85											
12/2/2024	6.78	5.73	3.06	356.4	173.06	46.6						
12/3/2024	6.60		3.68		202.7							31.60
12/4/2024	6.59											
12/5/2024	6.47											
12/6/2024	6.51											
12/7/2024	6.39											
12/8/2024	6.39											
12/9/2024	6.33											
12/10/2024	6.20	6.88	4.52	367.9	233.6	34.3	45.4	23.2	2,427.9	1,198.9	50.6	31.35
12/11/2024	6.17		5.09		261.9							
12/12/2024	6.33											
12/13/2024	6.23											
12/14/2024	6.80											
12/15/2024	9.95											
12/16/2024	8.14											
12/17/2024	7.38											
12/18/2024	7.04	5.36	3.37	319.2	197.9	37.1						
12/19/2024	6.91		3.68		212.2			20.3		1,170.4		26.96
12/20/2024	8.03											
12/21/2024	7.41											
12/22/2024	7.16											
12/23/2024	7.26		3.17		191.9							
12/24/2024	7.08											
12/25/2024	6.39											
12/26/2024	6.85											26.86
12/27/2024	8.07											
12/28/2024	11.22											
12/29/2024	13.75											
12/30/2024	14.87											
12/31/2024	16.79											
Minimum	6.17	5.36	3.06	319.2	173.1	34.3	45.4	20.3	2,427.9	1,170.4	50.6	26.86
Maximum	16.79	6.88	5.09	367.9	261.9	46.6	45.4	23.2	2,427.9	1,198.9	50.6	31.60
Total	244.94	17.97	26.57	1,043.5	1,473.2	118.0	45.4	43.5	2,427.9	2,369.3	50.6	116.77
Average	7.90	5.99	3.80	347.8	210.5	39.3	45.4	21.8	2,427.9	1,184.7	50.6	29.19

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

Report Dates & Status					
Monitoring Period:	From 12/01/24 to 12/31/24	DMR Due Date:	01/25/25	Status:	NetDMR Validated

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

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

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample	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						=	8.0	=	7.9	=	7.6	19 - mg/L	0	DL/DS - Daily When Discharging	GR - Grab		
					Permit Req.																DL/DS - Daily When Discharging	GR - Grab
					Value NODI																	
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample							=	3.8	=	3.6	19 - mg/L	0	DL/DS - Daily When Discharging	CP - Composite			
					Permit Req.																DL/DS - Daily When Discharging	GR - Grab
					Value NODI																	
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.8			=	7.3	12 - SU	0	DL/DS - Daily When Discharging	GR - Grab		
					Permit Req.																DL/DS - Daily When Discharging	GR - Grab
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							=	1.0	=	1.1	19 - mg/L	0	DL/DS - Daily When Discharging	CP - Composite			
					Permit Req.																DL/DS - Daily When Discharging	GR - Grab
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample							=	0.25	=	1.77	19 - mg/L	0	DL/DS - Daily When Discharging	CP - Composite			
					Permit Req.																DL/DS - Daily When Discharging	GR - Grab
					Value NODI																	
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	3.8	=	5.09	19 - mg/L	0	DL/DS - Daily When Discharging	CP - Composite			
					Permit Req.																DL/DS - Daily When Discharging	GR - Grab
					Value NODI																	
					Sample							<	0.02					DL/DS - Daily When Discharging	GR - Grab			

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Permit			
Permit #:	IL0028380	Permittee:	DOWNERS GROVE SANITARY DISTRICT
Major:	Yes	Permittee Address:	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515
Permitted Feature:	002 External Outfall	Discharge:	002-0 MIXING CHAMBER OVERFLOW TO ST JOSEPH CRK
Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER			
Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515			
Report Dates & Status			
Monitoring Period:	From 12/01/24 to 12/31/24	DMR Due Date:	01/25/25
Status:		NetDMR Validated	
Considerations for Form Completion			
W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS			
Principal Executive Officer			
First Name:	Amy	Title:	General Manager
Last Name:	Underwood	Telephone:	630-969-0664

No Data Indicator (NODI)
Form NODI: --

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

Submission Note
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: 2025-01-09 14:18 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2025-01-09 14:45 (Time Zone: -06:00)

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Permit																				
Permit #: IL0028380		Permittee: DOWNERS GROVE SANITARY DISTRICT				Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER														
Major: Yes		Permittee Address: 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515				Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515														
Permitted Feature: 003 External Outfall		Discharge: 003-0 EXCESS FLOW TO ST JOSEPH CREEK																		
Report Dates & Status																				
Monitoring Period: From 12/01/24 to 12/31/24				DMR Due Date: 01/25/25				Status: NetDMR Validated												
Considerations for Form Completion																				
W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS																				
Principal Executive Officer																				
First Name: Amy				Title: General Manager				Telephone: 630-969-0664												
Last Name: Underwood																				
No Data Indicator (NODI)																				
Form NODI: --																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample												Req Mon DAILY MN	19 - mg/L	DL/DS - Daily When Discharging	GR - Grab
					Permit Req.															
					Value NODI											C - No Discharge				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample											<= 30.0 MO AVG	<= 45.0 WKLY AVG	19 - mg/L	DL/DS - Daily When Discharging	GR - Grab
					Permit Req.															
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample											>= 6.0 MINIMUM	<= 9.0 MAXIMUM	12 - SU	DL/DS - Daily When Discharging	GR - Grab
					Permit Req.															
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											<= 30.0 MO AVG	<= 45.0 WKLY AVG	19 - mg/L	DL/DS - Daily When Discharging	GR - Grab
					Permit Req.															
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	19 - mg/L	DL/DS - Daily When Discharging	GR - Grab	
					Permit Req.															
					Value NODI															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															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample											<= 0.75 MO AVG		19 - mg/L	DL/DS - Daily When Discharging	GR - Grab
					Permit Req.															
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample											<= 400.0 DAILY MX	13 - #/100mL	DL/DS - Daily When Discharging	GR - Grab	
					Permit Req.															
					Value NODI															C - No Discharge
82220	Flow, total	1 - Effluent Gross	0	--	Sample											Req Mon MO TOTAL	80 - Mgal/mo	DL/DS - Daily When Discharging		
					Permit Req.															
					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: 2025-01-09 14:18 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2025-01-09 14:45 (Time Zone: -06:00)

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

Report Dates & Status		Monitoring Period: From 12/01/24 to 12/31/24		DMR Due Date: 01/25/25		Status: NetDMR Validated	
----------------------------------	--	---	--	-------------------------------	--	---------------------------------	--

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

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

No Data Indicator (NODI)
Form NODI: --

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

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

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2025-01-09 14:19 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2025-01-09 14:45 (Time Zone: -06:00)

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Permit			
Permit #:	IL0028380	Permittee:	DOWNERS GROVE SANITARY DISTRICT
Major:	Yes	Permittee Address:	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515
Permitted Feature:	B01 External Outfall	Discharge:	B01-S SEMI ANNUAL SAMPLING AT B01
Facility:		Facility Location:	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

Report Dates & Status			
Monitoring Period:	From 07/01/24 to 12/31/24	DMR Due Date:	01/25/25
Status:	NetDMR Validated		

Considerations for Form Completion
W0430300002

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

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
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						=	0.41		19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite	
					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 - 24 Hour Composite	
					Permit Req.							Req Mon DAILY MX		19 - mg/L				
					Value NODI													
01007	Barium, total [as Ba]	1 - Effluent Gross	0	--	Sample						=	0.018		19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite	
					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 - 24 Hour Composite	
					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 - 24 Hour Composite	
					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 - 24 Hour Composite	
					Permit Req.							Req Mon DAILY MX		19 - mg/L				
					Value NODI													

					Value NODI																	
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01055	Manganese, total [as Mn]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01059	Thallium, total [as Tl]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01067	Nickel, total [as Ni]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01077	Silver, total [as Ag]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01097	Antimony, total [as Sb]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
01147	Selenium, total [as Se]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
32730	Phenolics, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.																	
					Value NODI																	

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

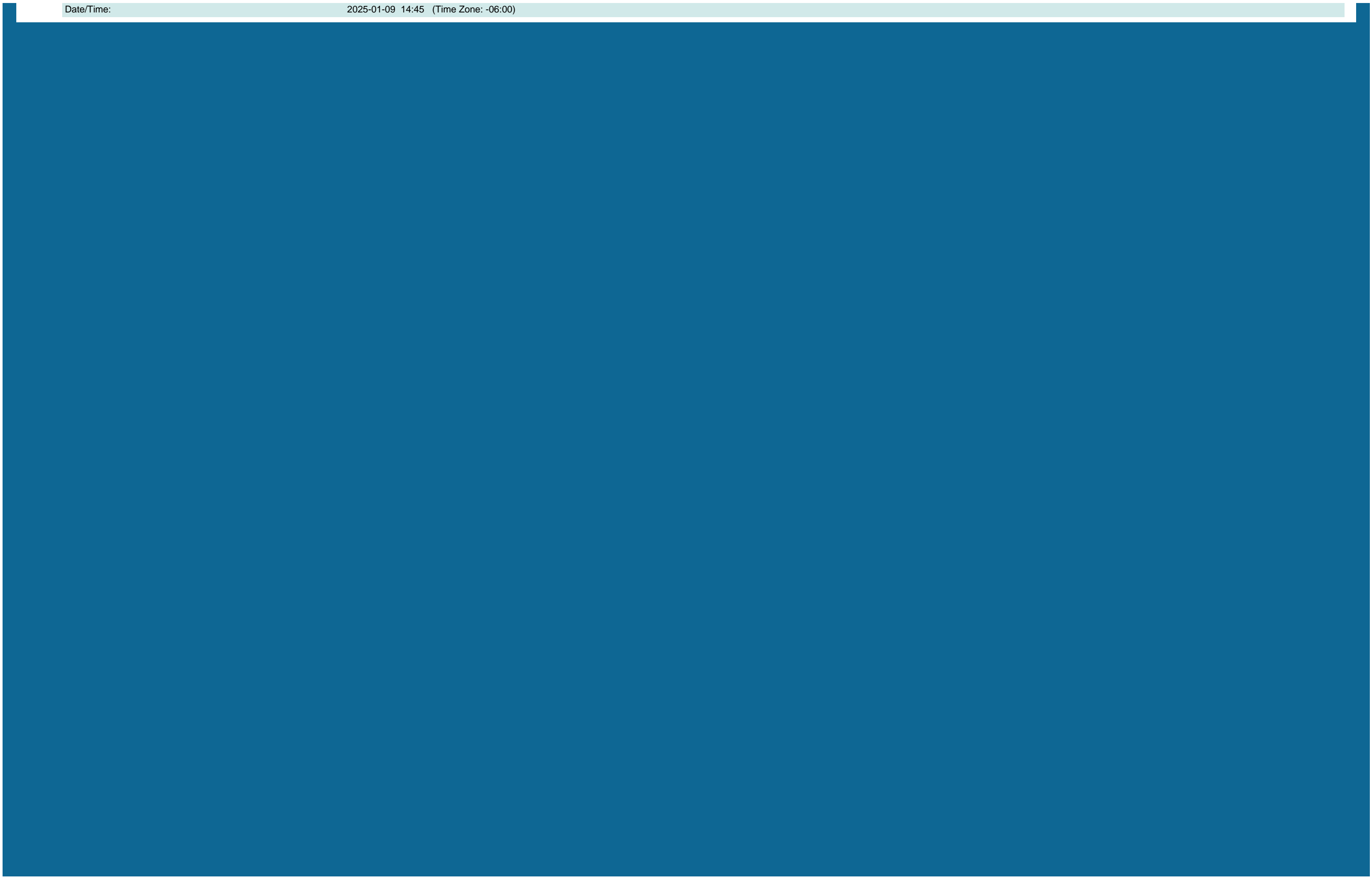
Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2025-01-09 14:31 (Time Zone: -06:00)

Report Last Signed By

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



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

Report Dates & Status			
Monitoring Period:	From 12/01/24 to 12/31/24	DMR Due Date:	01/25/25
Status:	NetDMR Validated		

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

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

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample												19 - mg/L	DL/DS - Daily When Discharging	GR - Grab
					Permit Req.											Req Mon DAILY MX			
					Value NODI											C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											19 - mg/L	DL/DS - Daily When Discharging	GR - Grab	
					Permit Req.														Req Mon DAILY MX
					Value NODI														C - No Discharge
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample											19 - mg/L	DL/DS - Daily When Discharging	GR - Grab	
					Permit Req.														Req Mon DAILY MX
					Value NODI														C - No Discharge
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample											19 - mg/L	DL/DS - Daily When Discharging	GR - Grab	
					Permit Req.														Req Mon MO AVG
					Value NODI														C - No Discharge
82220	Flow, total	1 - Effluent Gross	0	--	Sample											80 - Mgal/mo	DL/DS - Daily When Discharging	CN - Continuous	
					Permit Req.														Req Mon MO TOTAL
					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: 2025-01-09 14:31 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2025-01-09 14:45 (Time Zone: -06:00)

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

Report Dates & Status			
Monitoring Period:	From 12/01/24 to 12/31/24	DMR Due Date:	01/25/25
Status:	NetDMR Validated		

Considerations for Form Completion
W0430300002

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

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample						=	208.0			19 - mg/L	0	09/99 - See Permit	CP - Composite		
					Permit Req.										Req Mon MO AVG				19 - mg/L	
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	182.0			19 - mg/L	0	09/99 - See Permit	CP - Composite		
					Permit Req.										Req Mon MO AVG				19 - mg/L	
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample									=	45.4	19 - mg/L	0	01/30 - Monthly	CP - Composite	
					Permit Req.											Req Mon DAILY MX				19 - mg/L
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample									=	6.88	19 - mg/L	0	03/30 - Three Per Month	CP - Composite	
					Permit Req.											Req Mon DAILY MX				19 - mg/L
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	8.18	=	17.29	03 - MGD							0	99/99 - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI															

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

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2025-01-09 14:32 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2025-01-09 14:45 (Time Zone: -06:00)

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Permit																			
Permit #: IL0028380		Permittee: DOWNERS GROVE SANITARY DISTRICT				Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER													
Major: Yes		Permittee Address: 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515				Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515													
Permitted Feature: INFL Influent Structure		Discharge: INFL-S SEMI ANNUAL SAMPLING AT INFL																	
Report Dates & Status																			
Monitoring Period: From 07/01/24 to 12/31/24				DMR Due Date: 01/25/25				Status: NetDMR Validated											
Considerations for Form Completion																			
W0430300002																			
Principal Executive Officer																			
First Name: Amy				Title: General Manager				Telephone: 630-969-0664											
Last Name: Underwood																			
No Data Indicator (NODI)																			
Form NODI: --																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample						=	6.0		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						=	0.43		19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite		
					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 - 24 Hour Composite		
					Permit Req.							Req Mon DAILY MX	19 - mg/L						
					Value NODI														
01007	Barium, total [as Ba]	1 - Effluent Gross	0	--	Sample						=	0.05		19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite		
					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 - 24 Hour Composite		
					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 - 24 Hour Composite		
					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 - 24 Hour Composite		
					Permit Req.							Req Mon DAILY MX	19 - mg/L						
					Value NODI														

					Value NODI																									
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample											=	0.079	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.															Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite						
					Value NODI																									
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample											=	1.52	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite					
					Value NODI																									
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample											=	0.19	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																	Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite				
					Value NODI																									
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample											<	0.005	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																		Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite			
					Value NODI																									
01055	Manganese, total [as Mn]	1 - Effluent Gross	0	--	Sample											=	0.057	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																		Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite			
					Value NODI																									
01059	Thallium, total [as Tl]	1 - Effluent Gross	0	--	Sample											<	0.01	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																			Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite		
					Value NODI																									
01067	Nickel, total [as Ni]	1 - Effluent Gross	0	--	Sample											=	0.005	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																			Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite		
					Value NODI																									
01077	Silver, total [as Ag]	1 - Effluent Gross	0	--	Sample											<	0.003	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																				Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite	
					Value NODI																									
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample											=	0.116	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																			Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite		
					Value NODI																									
01097	Antimony, total [as Sb]	1 - Effluent Gross	0	--	Sample											<	0.006	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																				Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite	
					Value NODI																									
01147	Selenium, total [as Se]	1 - Effluent Gross	0	--	Sample											<	0.003	19 - mg/L	09/99 - See Permit	24 - 24 Hour Composite										
					Permit Req.																				Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - 24 Hour Composite	
					Value NODI																									
32730	Phenolics, total recoverable	1 - Effluent Gross	0	--	Sample											=	0.008	19 - mg/L	09/99 - See Permit	GR - Grab										
					Permit Req.																				Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	GR - Grab	
					Value NODI																									
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample											<	500.0	3M - ng/L	09/99 - See Permit	GR - Grab										
					Permit Req.																					Req Mon DAILY MX	3M - ng/L	0	09/99 - See Permit	GR - Grab
					Value NODI																									

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

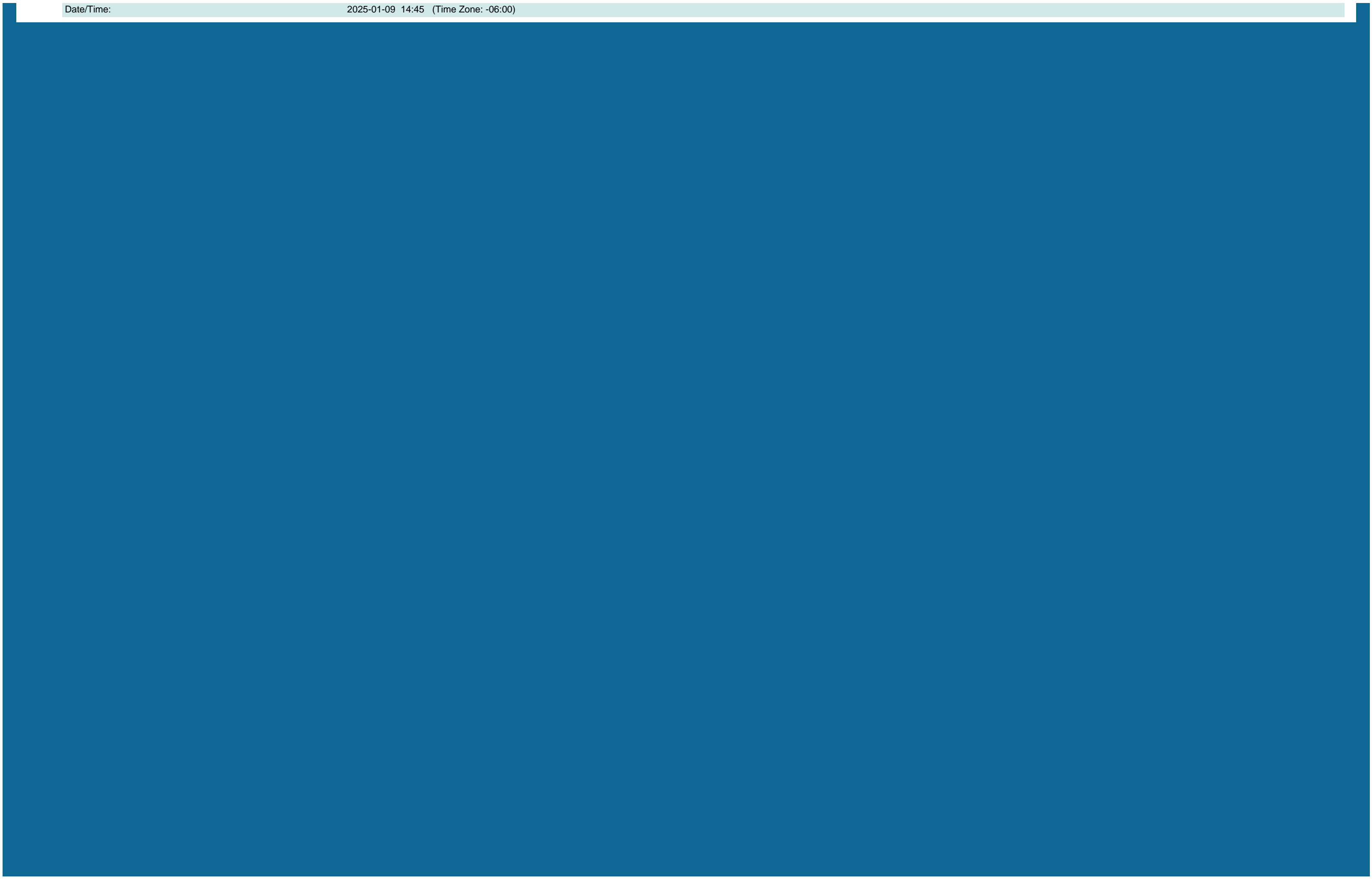
Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry
 Name: Dorrance Berry
 E-Mail: rberry@dgsd.org
 Date/Time: 2025-01-09 14:39 (Time Zone: -06:00)

Report Last Signed By

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



DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy Underwood, General Manager

FROM: Nick Whitefleet, Maintenance Supervisor

DATE: January 14th, 2024

SUBJECT: December 2024 Maintenance Report

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

Special projects in December included:

Maintenance Services Building, Locker Room Upgrade:

This year we budgeted to address the deteriorating condition of both the men's and women's locker rooms in the maintenance services building. Both restroom's partitions were in poor physical condition and presented accessibility concerns. The existing toilets required frequent repairs and the women's locker room vanity was falling apart. \$12,000 was budgeted for these upgrades and I'm pleased to report that the project was completed for the total cost of \$7,652. This included Specialties Direct Inc. providing and installing ADA compliant partitions at the total cost of \$3,056. Maintenance personnel performed the remaining work which included the replacement of three toilets, all urinal flush valves, a new vanity, mirror, wall light, bench replacements and refinishing, and repainting the women's locker room.

West Grease Pump Replacement:

The grease pump for the West grease receiving pit in digester 4&5 basement failed. When the pump's rotating assembly began failing, the overload on the starter didn't remove power to the motor as it should have. This caused the motor that drives the pump to fail as well. Fortunately, we were able to order a replacement motor starter and had on-hand a replacement motor and complete pump assembly. Maintenance personnel were able to troubleshoot the issue and complete the replacement in a timely manner. The pump that was removed has been sent out for an overhaul and repair or replacement of the motor is being investigated. The grease pump and related equipment are operating as expected.

Railing Removal and Replacement:

The steel railings surrounding aeration tanks 8 and 9 (South) and intermediates one and two were found to be coated with lead paint. This complicated the planned removal and replacement project for this year as lead remediation professionals would be required to perform the demolition work to ensure the proper procedures were utilized to safeguard personnel and the environment.

Midwest Environmental Consulting assisted the District with creating a scope of work, bidding, and project management. Kinsale Contracting Group Inc. offered the lowest bid for the project and were selected to perform the work. All railing demolition work is complete. The total cost between Kinsale and Midwest Environmental for the removal of the steel railing at the two aeration tanks and two intermediate clarifiers was \$51,980. The new aluminum railings provided by Breuer Metal Craftsman have been completely installed at both aeration tanks as well as the perimeter of both intermediate clarifiers 1&2. Intermediate access bridge railing is expected to be completed in late January.

Compressor Preventative Maintenance:

The Hobson lift station wet well mixing system compressor was due for its annual service. In addition to that, the ODS pump compressor located under the grit building required a semiannual service. The maintenance service cycle is shorter on the ODS pump compressor based on the amount of use the compressor is subjected to. Both preventative maintenance services were provided by Delta Industries. The Hobson compressor PM came in at \$1,192 and the ODS compressor came in at \$1,705. Both compressors are functioning as expected.

CHP System – Units 1&2 Operation Update:

CHP 1: CHP 1 shutdown unexpectedly in late December and upon further investigation, was found to have low compression in the number six cylinder. Nissen was contacted and a technician was out the following week. Using their diagnostic equipment, they were able to determine that there was damage to the walls of the cylinder liner on cylinder six. The other seven cylinders showed signs of damage to their liner walls as well. The condition of the cylinder liners is almost certainly the cause of the oil consumption that has been ongoing. Limited supplies were available at the time of the repair, so it was decided to have the two worst cylinders repaired. The liners, piston assemblies and cylinder heads were replaced on cylinders six and seven. The District is working with NISSEN to identify the cause of the damage, as well as put together a plan for repairing the other six cylinders. Nissen has verbally expressed intent to provide a discount or some sort of credit for the repairs, but the details have not been confirmed as of this time.

CHP 2: CHP 2 performed well throughout the month of December. An intermittent fault with the building ventilation pressure switch required some troubleshooting and ultimately a replacement switch was ordered to be installed during a planned shutdown.

Wroble Lift Station Sump Pump Replacement:

The sump pump failed at Wroble Lift Station and required replacement. Multiple vendors were contacted and ultimately Metropolitan industries offered both the lowest price and shortest lead time for the appropriate pump for the application. District electricians removed the existing pump, installed the new pump, and verified proper operation. The cost of the replacement pump from Metropolitan Industries was \$1,414.

Centex Lift Station Replacement Update:

The punch list is nearing completion. VFD faults are still under investigation, a technician from the VFD manufacturer is scheduled to visit the station on Friday 1/17 to take readings and possibly adjust the configuration of the VFD parameters. Pumps two and three are temporarily running off traditional motor starters in place of the variable frequency drives.

Procurement:

Nissen - \$7,285, Maintenance parts for stock, oil sample kits, and air pressure switch for CHP 2.

Discount Tire - \$1,098, 2014 FORD F250 plow truck, four new tires.

Home Depot - \$1,148, MSB lunchroom replacement refrigerator.

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

Work Order Summary

Work Order Completion Dates from 12/2/2024 to 12/30/2024

Work Assignment	Completion Date	Equipment	NOTATIONS
26,294 hours. Running poorly, replace spark plugs	02-Dec-24	CHP Engine Genset #1	Replaced spark plugs with new from stock.
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Quarterly Oil Sample		Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	Quarterly oil samples taken by Altorfer Power Systems.
EXCESS 003- Exercise 30" and 24" DEZURIK Valves		Excess Flow 003 Valves	
Elevator button lights out		Excess Flow Pump Station	Replaced elevator button indicator lights that were burnt out with new from stock.
Repair Hydraulic Line 544K	03-Dec-24	2017 Deere 544K Wheel Loader	Repair blown hydraulic line. Replaced line with new and 5 gallons of hydraulic oil.
Replace worn out windshield wipers		2017 Ford F-250	Bought new wiper blade assemblies (2) and installed.
36,201 miles, Change oil rotate tires	04-Dec-24	2022 Chevy Malibu	Changed oil & oil filter. Rotated tires and checked / topped off fluids.
Sludge Rec. Pump Start/Fail		Digester 4 - 5 Sl Recr Pmp 4	Replaced agostat relay with new from stock. Ordered replacement for stock. (Grainger)
3 MONTH OIL CHANGE-GRIT BLOWER #3- KAESER		Grit Blower 3 Kaeser	
Replace East Overhead Door	05-Dec-24	Maintenance Services Building	Allied Garage door replaced the East facing overhead door, tracks, and operator with new.
Exercise both 24" primary influent ratio valves		Tunnel From PS to Grit Tunnel/Chan Primary Clarifiers	
Cabinet heater - replace		Venard Lift Station	Checked existing heater,found non-repairable, procured and installed new space heater in electrical cabinet.
Replaced water pump on #349 Bio truck	06-Dec-24	2013 FORD F-150 Reg Cab	Replaced engine water pump on 349 bio truck.
Semi Annual PM - Delta Ind.		WWTC ODS Pump Air Compressor	Delta Industries performed the semi annual PM on the compressor.
By-Weekly Fluid and Misc. Check of Generators	10-Dec-24	Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
Monthly Fire Extinguishers Inspection	12-Dec-24	5006 Walnut Eqmnt Strge Bldg Administration Center	
Aluminum railing upgrade		Aeration Tank 09s	Installed pre-fab aluminum railing around tank perimeter.
Monthly Fire Extinguishers Inspection		Bar Screen Building Belt Filter Press Building Bisulfite Building Blower Building Digester 1 and 2 Control Bldg Digester 3 Control	

Work Assignment	Completion Date	Equipment	NOTATIONS
Exercising of Inf, Eff, Drain and fill valves at Filter Building		Building	
		Digester 4 - 5 Control Buildg	
		Emergency Generator Building	
		Excess Flow Pump Station	
		Excess Flow Sludge Pump House	
		Filter 1	
		Filter 2	
		Filter 3	
		Filter 4	
		Filter 5	
Monthly Fire Extinguishers Inspection		Filter 6	
		Filter Building	
Annual Compressor PM performed by Delta Ind.		Grit Building	
		Hobson Lift Station Mixing Sys	Delta Ind. performed annual PM on Kaiser compressor.
Monthly Fire Extinguishers Inspection		Hypochlorite Feed Bldg	
		Interm Clarifier Sludge Bldg	
		Laboratory	
		Maintenance Services Building	
		Microstrainer Building	
		Operations Center	
		Raw Sewage Pump Station	
		System Garage	
		Yard Piping - City Water	
	Exercising of plant water main valves		Yard Piping - Plant Effluent
Repair hydrant next to AT #8		Yard Piping - Plant Effluent	
Admin Generator start/fail at exercise	13-Dec-24	Admin Stationary Generator	Altorfer onsite to investigate start fails. adjusted controls & checked wiring. Located small fuel leak.
3 Month check and repair of Belt Press Ventilation Fans		Belt Filter Press Building	Verified operation of ventilation fans.
Check HVAC filters upper & lower levels - Replace as needed		Hobson Lift Station	Replaced all filters (3) with new.
Cross collector drive chain replacement		Primary Clarifier 3	Existing steel chain in poor condition, replaced with new poly chain, verified cross collector and pit ok.
SWPPP Annual Training		WWTC Roadways	
Aluminum Railing upgrade	16-Dec-24	Aeration Tank 08	Installed pre-fab aluminum railing around tank.
SEASONAL ON/OFF FOR SPRAY WATER - SEC. 6-9		Secondary Clarifier 6	
		Secondary Clarifier 7	
		Secondary Clarifier 8	
		Secondary Clarifier 9	

Work Assignment	Completion Date	Equipment	NOTATIONS
2 Month grease of new WAS pump #2		WAS Pump 2 (Thickener Feed)	
REPLACE OIL ABSORBENT PADS IN GREASE CABINET	17-Dec-24	Administration Center	
Change Pre-Filters On Blowers 6, 7, 8, Blow Out Filter.		Aeration Blower 06	
		Aeration Blower 07	
		Aeration Blower 08	
Grease fittings on munters unit		Filter Building	
Monthly Drain check and flush at grit building		Grit Building	
Monthly Cross Collector Check		Primary Clarifier 3	
		Primary Clarifier 4	
		Primary Clarifier 5	
		Primary Clarifier 6	
		Primary Clarifier 7	
		Primary Clarifier 8	
		Primary Clarifier 9	
Grease Pump Bearings on 1-6 RAS pumps		RAS Pump 1	
		RAS Pump 2	
		RAS Pump 3	
		RAS Pump 4	
		RAS Pump 5	
		RAS Pump 6	
Install ball valves on yard hydrants - sludge concentrators		Yard Piping - Plant Effluent	Replaced ball valves on discharge of yard hydrants North side of sludge conc. tanks.
Pump Fail, Replace with new from stock	18-Dec-24	Grease Pump - West	Replaced failed motor starter(Southland) and motor(stock). Replaced pump with new from stock.
Coolant leak, replace water pump	19-Dec-24	2013 FORD F-150 Reg Cab	Leak coming from water pump, removed and replaced pump, refilled coolant and verified repair.
Grease Tracks, Check Lube Sites On Bar Screens #1 & #2		Bar Screen 1 - North	
		Bar Screen 2 -South	
		Bar Screen Rag Compactor	
Test for H2S at Unison Gas skid		CHP Gas Cleaning System	
CLEAN TWAS POLYMER EFFLUENT STRAINER		WAS Thickener Polymer System	
West Geothermal Unit reffridgerant leak	20-Dec-24	Laboratory	West Geothermal unit inoperable due to reffridgerant leak. Leaks (2) repaired by A-Formula, refilled and tested.
Safety lane Vehicle 354	23-Dec-24	2014 Freightliner M2106 6 yd d	
Lubricate skid steer and attachment mechanisim	27-Dec-24	2019 Skid Steer	
PEARTH 4 SIX MONTH BOSTON GEAR OIL CHANGE		Digester 4 Mixing System	
Monthly Underground Storage Tanks Inspection		Emerg Gen Diesel Storage Tank	
Long collector drive chain replace, modify flights		Primary Clarifier 4	Replaced drive chain with new, modified flights to clear new chain, verified operation.

Work Assignment	Completion Date	Equipment	NOTATIONS
Install door pull on S.E. garage door, installed	30-Dec-24	Belt Filter Press Building	
Procure spare maintenance parts		CHP Engine Genset #1	spark plugs (16), oil sample kit(30), spark plug washers, ign. wire insulators, spark plug socket.
		CHP Engine Genset #2	
Locker room upgrade		Maintenance Services Building	Replace all partitions, 3 toilets, urinal flush valves, women's vanity & light fixture. Painted women's L.R.

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: January 15, 2025

TO: Amy Underwood
General Manager

FROM: Todd Freer
Sewer System Maintenance Supervisor

RE: Monthly Report – December 2024

1.

JULIE Line Markings:	Current	Year to Date
Received	473	12,348
In District	405	11,865
Marked	171	3,056
Man Hours	62.3	1,084.10

2.

Building Service:	Current	Year to Date
BSSRAP TV Inspections	17	223
Emergency BSSRAP Repairs	6	111
Total BSSRAP Repairs	15	203
I&I Inspections	0	33
I&I C.O. Inspections	0	0
Replace Broken Cleanout Caps	0	6
OHSP TV Inspections	1	4
Post Rodding TV	4	70

3.

Sewer Back-Ups:	Current	Year to Date
Public Sewer	1	6
Private Sewer	13	190
Surcharged Main	0	0
Pump Station	0	1
Total	14	197

4.

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

5.

Main Sewer Televising (DGSD personnel)	0 Ft.	2,499 Ft.
a. Sewer Televising (Outside Contractors)	0 Ft.	70,919.49 Ft.

6.		Current	Year to Date
	LETS TV	0	0
7.			
	Manhole Inspections	62	264

8. Infiltration/Inflow Removal Work

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

9. The sewer lining for 814 & 818 Prairie has been completed by Precision Plumbing. DGSD will maintain the 6” north-south oriented portion of this sewer moving forward. The vendor performing the lining is Precision Plumbing.

10. Eric Lasage, the owner of EJ Equipment, is working with the manufacturer, Vac-Con, to provide DGSD with a loaner Vac/Jet truck to be able to return the District’s Vac-Con Truck to the manufacturer in Florida to address on-going mechanical and electrical issues. The District is asking for a two-year extension of the electrical warranty as well as a one-year extension of the standard warranty. Vac-Con has agreed to receive the vehicle in Florida to try to resolve the design issues that have been hindering the vehicles operation.

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

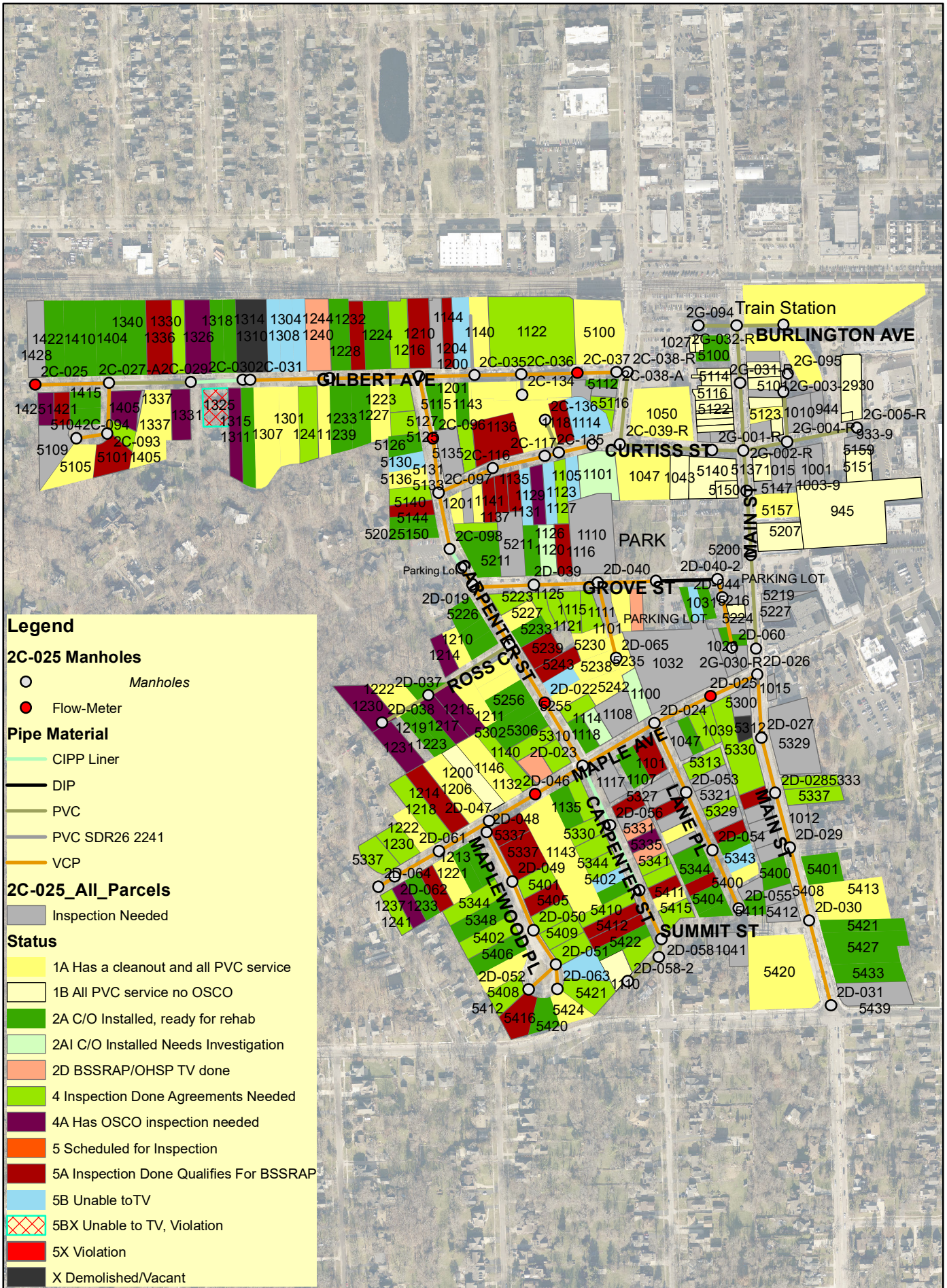
27% Complete

2024 Basin I&I Ranking = 7

Category Description:

- 1A - PVC service with cleanout
- 1B - All PVC no Cleanout
- 2A - Cleanout installed, ready for rehab
- 2AI C/O Installed Needs Investigation
- 2B - Ready for rehab
- 3 - Program application received (executed agreements needed)
- 3A - Released to contractor for cleanout installation
- 4 - Inspection completed (Program application needed)
- 4A - Has an existing cleanout
- 5 - Inspections scheduled
- 5A - Inspection done - BSSRAP needed (qualifying defects or obstructions seen during TV)
- 5AX - Violation, BSSRAP needed
- 5B - Unable to TV
- 5BX - Unable to TV Violation
- 0 - Inspection Needed
- X2 - Vacant not Disconnected

2C-025 I&I Investigation Status



DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: January 8, 2025

TO: Amy R. Underwood
General Manager

FROM: Keith Shaffner
Sewer Construction Supervisor

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

1. Permits issued:	Current	Year to Date
a. Single family	1	45
b. Multiple family	0	0
c. Commercial	0	11
d. Repair	1	17
e. Disconnection	<u>0</u>	<u>32</u>
Total	2	105

2. Inspections made:	Current	Year to Date
a. Connections	5	63
b. Finals	2	38
c. Repairs	1	17
d. Disconnects	4	41
f. Walk-Thru	0	0
g. Pre-connections	0	7
h. Overhead Sewer Program	0	0
i. Code Enforcement	0	6
j. Lateral testing	<u>2</u>	<u>43</u>
Total	14	215

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. 6030 Fairview – Single Family Home
 - b. 4119 Lincoln – Single Family Home

7. Building Sanitary Service Access Agreements:
 - a. 2250 63rd – Downers Grove

8. Illinois EPA Permits:

None

9. Miscellaneous:

None

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

Permits Issued: DECEMBER 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2024	90	2250	63RD	DG	12/4/2024	SF-SC	\$3,860.50	\$273.00
2024	108	65 W	PIERS	W	12/9/2024	REPAIR		
TOTAL:							\$3,860.50	\$273.00

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: DECEMBER 2024

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2024	30	4926	STONEWALL	DG	12/2/2024
2023	54	4818	SARATOGA	DG	12/11/2024

Progress Report

To: Amy Underwood, General Manager
From: Reese Berry, Laboratory Supervisor
Date: January 13, 2025
Re: December 2024 Laboratory Report

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

Biosolids:

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

Pretreatment:

IWS (Industrial Waste Survey) was sent to 65 users in areas of our district that may have pretreatment activities at their locations. This survey is the first year we provided a QR code and link to an online form to complete. We've received back 83% of the surveys. We have 11 locations to follow up with in January 2025.

We completed annual inspections this month at each permitted industrial user location. Each permitted user had the proper documentation and were following their permitted requirements. Nothing of concern was found during the inspections. We currently have 5 permitted users in our service area.

Biowin Modeling/Sampling:

During the month of December, we completed a few sampling events for this project. Each day was a learning experience. We're figuring out a nice work flow and how each test can fit into the day with all the various sampling locations. I feel our staff is energized by this new challenge for the upcoming year. We plan to begin collection in January at the end of the biosolids sampling weeks when that sampling project doesn't dominate our work day. Baxter & Woodman will be using the data collected to evaluate biological phosphorus removal potential at our facility.

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

To: Board of Trustees
From: Amy Underwood
Re: Engineering Report for December 2024
Date: January 17, 2024

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

I. Planning Projects & Studies

A. Biosolids Processing Improvements

B&W provided a technical memorandum with the recommendations of the Biosolids-Digestion study. District staff is reviewing the memo.

B. WWTC & Lift Station Code Review

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

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

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

II. Design Projects

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

A request for an Approved Jurisdictional Determination (AJD) has been submitted to the U.S. Army Corps of Engineers.

B. Wroble Force Main Repair

B&W originally proposed installing the force main using horizontal directional drilling (HDD). The soil borings report came back with unsuitable materials for a large portion of the proposed replacement length. B&W has therefore changed the design to open-cut installation due to the soil conditions. This has a cost impact which will be reflected in the FY2025-26 budget.

B&W is preparing the bidding documents. The construction permit application was submitted to IEPA.

C. Blower Room Clean Up

On December 2, I signed a contract with Midwest Environmental Consulting Services, Inc. for engineering services for the mercury clean up in the blower room in the Operations Center. A kickoff meeting will be scheduled soon.

III. Construction Projects

A. Centex Lift Station Replacement

No pay request was submitted this month.

A	Original Contract Sum	A		\$1,455,000.00
B	Net Change by Change Orders to Date	B	+	\$0.00
C	Contract Sum to Date	A+B = C		<hr/> \$1,455,000.00
D	Total Completed and Stored to Date	D		\$1,313,694.22
E	Retainage	E	-	\$131,369.42
F	Total Earned Less Retainage	D-E= F		<hr/> \$1,182,324.80
G	Less Previous Certificates for Payment	Previous Payments	-	\$1,182,324.80
H	Current Payment Due	F-G= H		<hr/> \$0.00
I	Balance to Finish, including Retainage	C-F=I		\$272,675.20

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

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

B. Outfall 001 Sanitary Sewer Repair

No pay request was submitted this month.

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

C. Venard Force Main Replacement

No pay request was submitted this month.

A	Original Contract Sum	A		\$669,021.00
B	Net Change by Change Orders to Date	B	+	\$9,595.29
C	Contract Sum to Date	A+B = C		<u>\$678,616.29</u>
D	Total Completed and Stored to Date	D		\$634,083.33
E	Retainage	E	-	\$12,681.67
F	Total Earned Less Retainage	D-E= F		<u>\$621,401.66</u>
G	Less Previous Certificates for Payment	Previous Payments	-	\$621,401.66
H	Current Payment Due	F-G= H		<u>\$0.00</u>
I	Balance to Finish, including Retainage	C-F=I		\$57,214.63

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

D. SCADA Platform Replacement (Ignition)

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

Engineer's Fee	\$236,300.00
Total Completed to Date	\$210,632.89
Less Previous Payments	<u>-\$197,803.15</u>
Current Payment Due	<u>\$ 12,829.74</u>
Remaining	\$25,667.11

Concentric continues to work on screens for the WWTC.

At the time the project was budgeted, most of the reporting work was planned to be completed by District Staff. During the initial training, it became apparent that the skill level and time commitment required to set up and modify data entry sheet and reports in the new SCADA software (Ignition) is more intensive than was understood when the

project was budgeted. Concentric has recommended using WIMS Classic for reporting instead, and the District gave them approval to purchase it.

E. SCADA PLC Replacement

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

Engineer's Fee	\$87,960.00
Total Completed to Date	\$83,608.39
Less Previous Payments	<u>-\$81,744.64</u>
Current Payment Due	<u>\$1,863.75</u>
Remaining	\$4,351.61

The work is complete.

F. WWTC Gas Detection System – SCADA Integration

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

Engineer's Fee	\$28,300.00
Total Completed to Date	\$4,839.37
Less Previous Payments	<u>-\$3,144.37</u>
Current Payment Due	<u>\$1,695.00</u>
Remaining	\$23,460.63

Concentric is preparing the new SCADA screen.

G. WWTC Gas Detection System

No pay request was submitted this month.

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

The shop drawing for the gas detectors and controllers was approved on October 31. Unfortunately, Connelly did not order the equipment immediately after the shop drawing was approved. Delivery is expected in late February/early March.

B&W finished reviewing shop drawings for the smaller items of the work.

Connelly has been at the WWTC planning out the conduit and electrical box installation so they can order the materials. District electricians have been providing the construction observation.

H. 2024 Sewer Rehabilitation (Lining)

No pay request was submitted this month.

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

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

C: BOLI, CS, DM

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE 12/31/2024

CASH BALANCES		12/31/2024 BALANCE PER BANK STATEMENT	PREVIOUS MONTH AS OF 11/30/24					YTD CUMULATIVE EARNINGS CREDIT	INT EARNED ON FUNDS IN EXCESS OF \$1.5M
			BALANCE PER BANK STATEMENT	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT APPLIED TO BANK FEES	NET MONTHLY EARNINGS CREDIT			
ACCOUNT NAME	ACCOUNT NUMBER								
DEPOSIT	XXXXXXXX1116	\$917,180.61	\$2,396,131.69						
DISBURSEMENT	XXXXXXXX1111	487,508.44	215,913.63						
FLEXIBLE BENEFITS	XXXXXXXX6025	10,967.49	13,321.22						
PAYROLL	XXXXXXXX1117	218,428.65	213,998.40						
PETTY CASH	XXXXXXXX1112	5,000.00	2,815.88						
USER REFUNDS	XXXXXXXX1114	6,257.58	6,263.19						
TOTAL - CASH AT BANK		\$1,645,342.77	\$2,780,426.74	\$2,435.45	\$1,882.49	\$552.96	\$3,956.54	\$682.44	

INVESTMENTS						GENERAL CORPORATE FUND (01)	IMPROVEMENT FUND (02)	CONSTRUCTION FUND (03)	PUBLIC BENEFIT FUND (05)	SEWER EXTENSION FUND (71)	INTEREST EARNED AT MATURITY
TYPE	FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	ANNUAL INT. RATE						
CD	STEARNS BANK	9 MOS	1/17/2025	\$250,000.00	5.000%	\$250,000.00					\$9,375.00
CD	LISLE SAVINGS BANK	9 MOS	2/20/2025	\$250,000.00	4.800%	\$250,000.00					\$9,000.00
CD	EVERGREEN BANK GROUP	12 MOS	3/1/2025	\$259,023.64	4.850%	\$259,023.64					\$12,562.65
CD	TRISTATE CAPITAL BANK	24 MOS	8/9/2026	\$250,000.00	4.000%			\$250,000.00			\$20,000.00
TOTAL CDs				\$1,009,023.64	4.664%	\$759,023.64	\$0.00	\$250,000.00	\$0.00	\$0.00	\$50,937.65

TYPE	FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT	CURRENT RATE OF RETURN					ESTIMATED ANNUAL RETURN	
MM	BANKFINANCIAL	ONGOING	6/21/2023	\$252,992.49	4.310%	\$252,992.49				\$10,903.98	
MM	TRISTATE CAPITAL BANK	ONGOING	4/16/2021	\$11.91	3.230%			\$11.91		\$0.38	
TOTAL MM ACCOUNTS				\$253,004.40	4.310%	\$252,992.49	\$0.00	\$11.91	\$0.00	\$0.00	\$10,904.36
SCHWAB - US TREASURIES				\$3,000,038.33	SEE ATTACHED	\$3,000,038.33					SEE ATTACHED
ILLINOIS FUNDS - MONEY MARKET				\$5,706,748.84	4.688%	\$3,212,225.09	\$918,823.53	\$1,575,700.22	\$0.00	\$0.00	\$267,532.39
TOTAL - ALL INVESTMENTS				\$9,968,815.21		\$7,224,279.55	\$918,823.53	\$1,825,712.13	\$0.00	\$0.00	

TOTAL CASH AND INVESTMENTS \$11,614,157.98

NOTES:

As of October 2024, any "Net Monthly Earnings Credit" in excess of the "Earnings Credit Applied to Bank Fees" will accumulate and roll forward into the "YTD Cumulative Earnings Credit". Chase intends to include "YTD Cumulative Earnings Credit" dating back to May 1, 2024 and align the total with our fiscal year. The "YTD Cumulative Earnings Credit" will reset to \$0 annually at the end of our fiscal. We are currently working with Chase to correct the "YTD Cumulative Earnings Credit" dollar amount to capture all excess credits back to May 1. The Monthly Earnings Credit Rate was 1.55% in November 2024 and credits were earned on any balances that did not earn interest.

In addition, in October 2024, we began to earn interest on all Chase daily balances in excess of the \$1.5M. \$1.5M is internally determined by the Administrative Supervisor and can fluctuate based on our determination as to what is a reasonable balance necessary to cover all Bank Fees. The interest rate for November 2024 was 1.45%.



Schwab One® Account of

DOWNERS GROVE SANITARY DISTRIC

Statement Period

December 1-31, 2024

A Message About Your Account

CALIFORNIA RESIDENTS

If your total payments of interest and interest dividends on federally tax-exempt non-California municipal bonds were \$10 or greater and you or your Partnership had a California address as of 12/31, Schwab will report this information to the California Franchise Tax Board each tax year, per state statute. (1223-3LZ0)

Positions - Summary

Beginning Value as of 12/01	+	Transfer of Securities(In/Out)	+	Dividends Reinvested	+	Cash Activity	+	Change in Market Value	=	Ending Value as of 12/31	Cost Basis	Unrealized Gain/(Loss)
\$2,997,411.04		\$0.00		\$0.00		\$0.05		\$7,810.23		\$3,005,221.32	\$2,991,139.65	\$13,419.27

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

Cash and Cash Investments

Type	Symbol	Description	Quantity	Price(\$)	Beginning Balance(\$)	Ending Balance(\$)	Change in Period Balance(\$)	Pending/Unsettled Cash(\$)	Interest/ Yield Rate	% of Acct
Bank Sweep		CHARLES SCHWAB BANK ^{X,Z}			662.35	662.40	0.05		0.05%	<1%
Total Cash and Cash Investments					\$662.35	\$662.40	\$0.05			<1%

Positions - Fixed Income

Symbol/ CUSIP	Description	Coupon	Maturity Date	Quantity/Par	Price(\$)	Market Value(\$)	Adj Cost Basis/ Orig Cost Basis(\$)	Unrealized Gain/(Loss)(\$)	Yield to Maturity	Est. Annual Income(\$)	Accrued Income(\$)	% of Acct
912797NC7	US TREASURY		04/24/25	680,000.0000	98.70111	671,167.55	665,367.28 665,367.28	5,800.27	4.51%	N/A	0.00	22%
912797MG9	US TREASURY		08/07/25	517,000.0000	97.52258	504,191.74	500,233.69 500,233.69	3,958.05	4.35%	N/A	0.00	17%
912797MS3	US TREASURY		10/02/25	693,000.0000	96.93254	671,742.50	666,234.63 666,234.63	5,507.87	4.33%	N/A	0.00	22%
91282CHM6	US TREASUR NT Moody's: NR S&P: NR	4.5%	07/15/26	491,000.0000	100.35937	492,764.51	493,619.56 493,619.56	(855.05)	4.17%	22,095.00	10,206.93	16%
91282CLP4	US TREASUR NT	3.5%	09/30/26	673,000.0000	98.76562	664,692.62	665,684.49 665,684.49	(991.87)	4.09%	23,555.00	6,018.17	22%

SCHWAB INVESTMENTS

12/31/2024

	12/31/2024						12/31/2024	
	QUANTITY/PAR	PRICE(\$)	MARKET VALUE	PURCHASE PRICE(\$)	AT DATE OF PURCHASE COST BASIS/PURCHASE PRICE	MARK TO MARKET UNREALIZED GAIN/(LOSS)		
912797NC7	680,000.00	\$ 98.701110	\$ 671,167.55	\$ 97.848100	\$ 665,367.28	\$	5,800.27	
912797MG9	517,000.00	\$ 97.522580	\$ 504,191.74	\$ 96.757000	\$ 500,233.69	\$	3,958.05	
912797MS3	693,000.00	\$ 96.932540	\$ 671,742.50	\$ 96.137700	\$ 666,234.63	\$	5,507.87	
91282CHM6	491,000.00	\$ 100.359370	\$ 492,764.51	\$ 100.533500	\$ 493,619.56	\$	(855.05)	
91282CLP4	673,000.00	\$ 98.765620	\$ 664,692.62	\$ 98.913000	\$ 665,684.49	\$	(991.87)	
FIXED INCOME - POSITIONS			\$ 3,004,558.92		\$ 2,991,139.65			
CASH			\$ 662.40		\$ 624.07			
91282CLP4 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/28/24					\$ 1,811.92			
91282CHM6 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/30/24					\$ 6,424.36			
TOTAL	3,054,000.00		\$ 3,005,221.32		\$ 3,000,000.00	\$	13,419.27	
DIVIDENDS AND INTEREST EARNED				12/31/2024	\$ 38.33			
SCHWAB - US TREASURIES AS REPORTED ON INVESTMENT SCHEDULE				12/31/2024	\$ 3,000,038.33			
91282CLP4 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/28/24					\$ (1,811.92)			
91282CHM6 / ACCRUED INTEREST PAID AT PURCHASE DATE 10/30/24					\$ (6,424.36)			
UNREALIZED GAIN/(LOSS)				12/31/24 YTD	\$ 13,419.27			
ENDING MARKET VALUE AS REPORTED ON SCHWAB STATEMENT				12/31/2024	\$ 3,005,221.32			

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



General Manager
Amy R. Underwood, P.E.

Legal Counsel
Daniel McCormick, P.C.

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P.O. Box 1412
Downers Grove, IL 60515-0703
Phone: 630-969-0664
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Providing a Better Environment for South Central DuPage County

MEMORANDUM

To: Board of Trustees
From: Amy R. Underwood, General Manager
Date: January 17, 2025
Subject: Treasurer's Report for December 2024

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

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

Year-to-date	Income	Expenses
General Fund	\$ 8,752,377.75 (page 1)	\$ 7,924,330.37 (page 6)
Improvement Fund	\$ 804,978.95 (page 7)	\$ 827,835.42 (page 8)
Construction Fund	\$ 169,474.91 (page 9)	\$ 41,499.68 (page 10)
Public Benefit Fund	\$ 0.00 (page 11)	\$ 0.00 (page 11)
TOTAL	\$ 9,726,831.61	\$ 8,793,665.47

An interfund transfer from Fund 01 to Fund 02 of \$350,000 was made in December. This completes the budgeted interfund transfers to Fund 02 for this fiscal year.

C: BOLI, DM, CS

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Fund number & Description	Ending Fund Balance

Fund 01 : GENERAL FUND	\$8,048,745.34
Fund 02 : IMPROVEMENT FUND	\$1,447,781.61
Fund 03 : CONSTRUCTION FUND	\$1,949,188.68
Fund 05 : PUBLIC BENEFIT FUND	\$37,817.83
Recap Totals	<hr/> \$11,483,533.46

TREASURER'S REPORT

DATE 01/10/25
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/24

PAGE 1

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT					
			MONTH	MONTH	Y-T-D	Y-T-D			
=====									
DEPT 05	REVENUES								
3000	PROPERTY TAXES		12,064.85-	0	1,505,404.04-	1,473,600-	31,804.04-	2.2	1,473,600-
3001	USER RECEIPTS		409,780.74-	379,177-	3,233,169.37-	3,229,054-	4,115.37-	.1	4,702,200-
3002	SURCHARGES		31,699.91-	38,222-	317,491.31-	325,501-	8,009.69	2.5-	474,000-
3004	PLAN REVIEW FEES		.00	0	.00	375-	375.00	100.0-	500-
3005	CONSTRUCTION INSPECTION FEES		.00	0	.00	360-	360.00	100.0-	500-
3006	PERMIT INSPECTION FEES		273.00-	1,600-	10,426.00-	12,800-	2,374.00	18.6-	19,000-
3007	INTEREST ON INVESTMENTS		15,172.58-	6,500-	236,217.01-	52,000-	184,217.01-	354.3	77,500-
3013	SAMPLING AND MONITORING		10,117.44-	9,380-	95,859.34-	77,220-	18,639.34-	24.1	116,000-
3014	REPLACEMENT TAXES		6,712.36-	12,000-	92,991.73-	74,400-	18,591.73-	25.0	120,000-
3015	MISCELLANEOUS INCOME		115.00-	300-	3,589.01-	2,800-	789.01-	28.2	4,000-
3016	SALE OF ELECTRICITY		9,998.37-	2,000-	18,389.34-	16,000-	2,389.34-	14.9	20,000-
3020	SALE OF PROPERTY		.00	4,000-	994.00-	76,000-	75,006.00	98.7-	92,000-
3021	TELEVISION INSPECTION		.00	0	.00	150-	150.00	100.0-	150-
3023	PROPERTY LEASE PAYMENTS		3,392.86-	3,300-	26,622.63-	26,800-	177.37	.7-	40,000-
3024	MONTHLY SERVICE FEES		424,267.62-	405,015-	3,254,745.07-	3,240,140-	14,605.07-	.5	4,860,200-
3027	GREASE WASTE		18,354.63-	17,000-	157,859.20-	136,000-	21,859.20-	16.1	200,000-
3035	INTERFUND TRANSFER		350,000.00	0	750,000.00	800,000	50,000.00-	6.3-	1,150,000
3040	RENEWABLE ENERGY CREDITS		.00	0	38,738.70-	15,000-	23,738.70-	158.3	30,000-
3094	GRANTS AND INCENTIVES		.00	0	509,881.00-	0	509,881.00-	.0	0
=====									
DEPT 05	TOTALS		591,949.36-	878,494-	8,752,377.75-	7,958,200-	794,177.75-	10.0	11,079,650-
=====									
FUND	REVENUE TOTAL		591,949.36-	878,494-	8,752,377.75-	7,958,200-	794,177.75-	10.0	11,079,650-
=====									
DEPT 11	O & M EXPENSES - ADMINISTRATION								
SECT A	SALARIES AND WAGES								
A001	TRUSTEES		.00	0	12,597.50	13,500	902.50-	6.7-	18,000
A002	BOLI		.00	0	.00	675	675.00-	100.0-	900
A003	GENERAL MANAGEMENT		21,560.42	22,300	192,576.06	200,820	8,243.94-	4.1-	290,100
A004	FINANCIAL RECORDS		17,440.62	21,170	161,383.94	190,520	29,136.06-	15.3-	275,200
A005	ADMINISTRATIVE RECORDS		4,059.04	2,400	30,559.51	21,660	8,899.51	41.1	31,300
A006	ENGINEERING		189.96	100	468.25	840	371.75-	44.3-	1,200
A007	CODE ENFORCEMENT		25,984.22	25,730	241,049.59	231,580	9,469.59	4.1	334,500
A008	SAFETY ACTIVITIES		3,893.15	4,220	39,713.17	38,020	1,693.17	4.5	54,900
A030	BUILDING AND GROUNDS		.00	670	1,218.04	5,960	4,741.96-	79.6-	8,600
=====									
SECT A	TOTALS		73,127.41	76,590	679,566.06	703,575	24,008.94-	3.4-	1,014,700
=====									
SECT B	OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY		880.81	600	2,198.70	6,400	4,201.30-	65.7-	8,800
B101	NATURAL GAS		.00	300	611.45	2,000	1,388.55-	69.4-	3,500
B102	WATER, GARBAGE AND OTHER UTILITIES		.00	0	427.78	900	472.22-	52.5-	1,300
B110	BANK CHARGES		458.60-	950	237.10	7,700	7,462.90-	96.9-	11,500
B112	COMMUNICATION		1,823.39	2,400	16,124.43	19,200	3,075.57-	16.0-	28,000
B113	EMERGENCY/SAFETY EQUIPMENT		4,730.86	1,700	15,037.14	14,900	137.14	.9	21,700
B115	EQUIPMENT/EQUIPMENT REPAIR		4,953.05	23,750	62,526.80	202,000	139,473.20-	69.1-	297,000

TREASURER'S REPORT

DATE 01/10/25
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/24

PAGE 2

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	ACTUAL-	VAR	TOTAL	
			CURRENT	CURRENT					BUDGET
			MONTH	MONTH	Y-T-D	Y-T-D	%	BUDGET	
=====									
B116	SUPPLIES		722.18	600	4,201.51	5,300	1,098.49-	20.7-	7,500
B117	EMPLOYEE/DUTY COSTS		1,548.65	2,000	12,143.12	16,000	3,856.88-	24.1-	23,500
B118	BUILDING AND GROUNDS		1,774.44	5,000	12,660.02	40,000	27,339.98-	68.4-	56,200
B119	POSTAGE		1,056.45	600	6,136.30	6,800	663.70-	9.8-	9,200
B120	PRINTING/PHOTOGRAPHY		241.00	300	11,149.19	13,300	2,150.81-	16.2-	14,500
B121	USER BILLING MATERIALS		6,750.68	7,000	59,961.78	56,000	3,961.78	7.1	83,000
B124	CONTRACT SERVICES		17,853.03	29,000	140,868.80	233,000	92,131.20-	39.5-	348,800
B137	MEMBERSHIPS/SUBSCRIPTIONS		264.00	0	7,476.07	6,600	876.07	13.3	8,900
=====									
SECT B TOTALS			42,139.94	74,200	351,760.19	630,100	278,339.81-	44.2-	923,400
=====									
SECT C VEHICLES									
C222	GAS/FUEL		147.27	300	1,241.24	2,150	908.76-	42.3-	3,100
C225	OPERATION/REPAIR		48.41	0	2,613.59	2,050	563.59	27.5	2,700
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	28,000
=====									
SECT C TOTALS			195.68	300	3,854.83	4,200	345.17-	8.2-	33,800
=====									
DEPT 11 TOTALS			115,463.03	151,090	1,035,181.08	1,337,875	302,693.92-	22.6-	1,971,900
=====									
DEPT 12 O & M EXPENSES - WWTC									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		1,614.67	600	9,578.76	5,460	4,118.76	75.4	7,900
A009	OPERATIONS MANAGEMENT		9,417.05	9,400	78,074.93	84,720	6,645.07-	7.8-	122,400
A010	MAINTENANCE - BUDGET		.00	53,510	.00	481,560	72,497.68-	15.1-	695,600
A011	MAINTENANCE - WWTC		33,380.69	0	267,614.09	0	.00	.0	0
A012	MAINTENANCE - VEHICLES		48.36	0	229.69	0	.00	.0	0
A013	MAINTENANCE - ENERGY RECOVERY		343.28	0	4,297.41	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL		11,432.77	0	136,921.13	0	.00	.0	0
A020	WWTC - BUDGET		.00	47,270	.00	425,420	11,499.61	2.7	614,500
A021	WWTC - OPERATIONS		29,300.16	0	306,492.11	0	.00	.0	0
A022	WWTC - SLUDGE HANDLING		12,930.24	0	128,559.81	0	.00	.0	0
A023	WWTC - ENERGY RECOVERY		.00	0	1,867.69	0	.00	.0	0
A030	BUILDING AND GROUNDS		7,540.31	5,600	69,284.88	50,340	18,944.88	37.6	72,700
=====									
SECT A TOTALS			106,007.53	116,380	1,002,920.50	1,047,500	44,579.50-	4.3-	1,513,100
=====									
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		25,860.99	11,000	88,098.99	101,000	12,901.01-	12.8-	145,000
B101	NATURAL GAS		.00	1,400	2,924.99	6,800	3,875.01-	57.0-	12,500
B102	WATER, GARBAGE AND OTHER UTILITIES		1,672.88	3,000	22,891.18	31,000	8,108.82-	26.2-	43,500
B103	ODOR CONTROL		.00	300	.00	3,100	3,100.00-	100.0-	4,000
B104	FUEL - GENERATORS		.00	0	.00	11,000	11,000.00-	100.0-	14,500
B112	COMMUNICATION		1,514.44	2,000	12,243.82	16,000	3,756.18-	23.5-	22,500
B113	EMERGENCY/SAFETY EQUIPMENT		2,914.45	3,000	14,855.95	26,200	11,344.05-	43.3-	38,200
B116	SUPPLIES		2,423.61	2,800	17,461.62	22,600	5,138.38-	22.7-	33,800
B117	EMPLOYEE/DUTY COSTS		4,312.00	3,000	17,241.64	24,000	6,758.36-	28.2-	34,500
B124	CONTRACT SERVICES		.00	0	204,234.00	204,300	66.00-	.0	204,300

TREASURER'S REPORT

DATE 01/10/25

MONTH ENDED 12/31/24

PAGE 3

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT					
			MONTH	MONTH	Y-T-D	Y-T-D			
B130	NPDES PERMIT FEES		.00	0	53,000.00	53,000	.00	.0	53,000
B131	SLUDGE HAULING/DISPOSAL SERVICES		.00	0	58,458.25	67,500	9,041.75-	13.4-	135,000
B400	CHEMICALS - BUDGET		.00	16,083	.00	182,166	86,068.70-	47.3-	246,500
B401	CHEMICALS - DISINFECTION		.00	0	67,296.06	0	.00	.0	0
B402	CHEMICALS - SLUDGE DEWATERING		4,611.06	0	19,180.49	0	.00	.0	0
B404	CHEMICALS - OTHER		.00	0	9,620.75	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS		422.64	3,000	219,164.78	264,000	44,835.22-	17.0-	275,400
B502	EQPT/EQPT REPAIR - DISINFECTION		.00	12,000	2,837.30	39,000	36,162.70-	92.7-	58,400
B503	EQPT/EQPT REPAIR - EXCESS FLOW		.00	5,000	4,217.92	40,200	35,982.08-	89.5-	60,400
B504	EQPT/EQPT REPAIR - GRIT REMOVAL		.00	1,500	641.51	41,000	40,358.49-	98.4-	47,000
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING		341.18	6,000	23,343.81	54,400	31,056.19-	57.1-	78,400
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT		2,777.65	2,700	17,875.83	140,800	122,924.17-	87.3-	151,600
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT		6,726.67	7,300	55,384.07	162,500	107,115.93-	65.9-	191,700
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION		.00	500	13,835.91	18,700	4,864.09-	26.0-	20,700
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING		3,717.94	2,500	11,491.10	20,000	8,508.90-	42.5-	30,000
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION		28.46	10,000	20,525.74	63,000	42,474.26-	67.4-	103,000
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT		32,144.26	3,000	62,753.28	118,900	56,146.72-	47.2-	128,900
B512	EQPT/EQPT REPAIR - WWTC GENERAL		9,665.19	4,200	43,913.22	39,200	4,713.22	12.0	55,200
B513	EQPT/EQPT REPAIR - WWTC UTILITIES		22,830.30	100,000	351,140.13	652,000	300,859.87-	46.1-	831,800
B801	BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS		.00	25	53.46	200	146.54-	73.3-	300
B802	BLDG AND GROUNDS - DISINFECTION		.00	700	8,729.45	5,800	2,929.45	50.5	8,600
B803	BLDG AND GROUNDS - EXCESS FLOW		.00	800	169.87	6,200	6,030.13-	97.3-	9,000
B804	BLDG AND GROUNDS - GRIT REMOVAL		178.50	500	9,495.10	4,000	5,495.10	137.4	5,900
B805	BLDG AND GROUNDS - INFLUENT PUMPING		205.00	2,000	6,389.13	16,000	9,610.87-	60.1-	23,000
B807	BLDG AND GROUNDS - SECONDARY TREATMENT		.00	100	23.48	1,200	1,176.52-	98.0-	1,600
B809	BLDG AND GROUNDS - SLUDGE DEWATERING		.00	600	726.82	5,300	4,573.18-	86.3-	7,700
B810	BLDG AND GROUNDS - SLUDGE DIGESTION		.00	600	9,886.44	4,800	5,086.44	106.0	6,800
B811	BLDG AND GROUNDS - TERTIARY TREATMENT		.00	2,000	10,213.88	43,600	33,386.12-	76.6-	51,600
B812	BLDG AND GROUNDS - WWTC GENERAL		20,146.22	25,000	103,621.34	315,400	211,778.66-	67.2-	436,400
B813	BLDG AND GROUNDS - WWTC UTILITIES		.00	400	95.15	3,200	3,104.85-	97.0-	4,400
SECT B TOTALS			142,493.44	233,008	1,564,036.46	2,808,066	1,244,029.54-	44.3-	3,575,100
SECT C VEHICLES									
C222	GAS/FUEL		951.06	2,000	15,818.75	19,000	3,181.25-	16.7-	27,000
C225	OPERATION/REPAIR		.30-	500	3,881.43	5,000	1,118.57-	22.4-	7,000
C226	VEHICLE PURCHASES		99,706.00	0	99,706.00	99,800	94.00-	.1-	104,800
SECT C TOTALS			100,656.76	2,500	119,406.18	123,800	4,393.82-	3.6-	138,800
DEPT 12 TOTALS			349,157.73	351,888	2,686,363.14	3,979,366	1,293,002.86-	32.5-	5,227,000
DEPT 13 O & M EXPENSES - LABORATORY									
SECT A SALARIES AND WAGES									
A009	OPERATIONS MANAGEMENT		7,648.93	5,600	69,649.58	50,520	19,129.58	37.9	73,000
A040	LABORATORY - BUDGET		.00	17,340	.00	156,380	28,490.31-	18.2-	225,900
A041	LAB - WWTC		12,103.67	0	110,100.05	0	.00	.0	0
A042	LAB - PRETREATMENT		1,552.79	0	10,394.65	0	.00	.0	0

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	BUDGET	VAR	TOTAL	
			CURRENT	CURRENT					ACTUAL
			MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE		
A043	LAB - SURCHARGE PROGRAM		.00	0	3,804.92	0	.00	.0	0
A045	LAB - SOLIDS		.00	0	113.87	0	.00	.0	0
A046	LAB - AMMONIA		.00	0	56.94	0	.00	.0	0
A047	LAB - MICRO		.00	0	265.12	0	.00	.0	0
A048	LAB - ENERGY RECOVERY		193.14	0	3,154.14	0	.00	.0	0
SECT A TOTALS			21,498.53	22,940	197,539.27	206,900	9,360.73-	4.5-	298,900
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		215.59	200	1,787.18	2,200	412.82-	18.8-	3,000
B114	CHEMICALS		893.29	2,300	14,344.10	18,500	4,155.90-	22.5-	27,700
B115	EQUIPMENT/EQUIPMENT REPAIR		2,821.99	4,000	12,813.28	36,000	23,186.72-	64.4-	52,000
B116	SUPPLIES		1,965.56	2,100	11,081.34	21,300	10,218.66-	48.0-	29,700
B117	EMPLOYEE/DUTY COSTS		1,077.58	500	3,534.41	6,000	2,465.59-	41.1-	8,000
B122	MONITORING EQUIPMENT		8.23	0	1,643.63	7,300	5,656.37-	77.5-	9,700
B123	OUTSIDE LAB SERVICES		1,918.20	4,300	14,108.42	34,400	20,291.58-	59.0-	51,500
B124	CONTRACT SERVICES		497.50	6,200	14,639.67	50,200	35,560.33-	70.8-	75,000
SECT B TOTALS			9,397.94	19,600	73,952.03	175,900	101,947.97-	58.0-	256,600
SECT C VEHICLES									
C222	GAS/FUEL		56.27	100	466.55	800	333.45-	41.7-	1,000
C225	OPERATION/REPAIR		.00	250	37.88	750	712.12-	95.0-	1,000
SECT C TOTALS			56.27	350	504.43	1,550	1,045.57-	67.5-	2,000
DEPT 13 TOTALS			30,952.74	42,890	271,995.73	384,350	112,354.27-	29.2-	557,500
DEPT 14 O & M EXPENSES - SEWER SYSTEM									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		94.98	380	3,754.56	3,380	374.56	11.1	4,900
A050	SEWER MAINTENANCE - BUDGET		.00	23,200	.00	208,800	42,799.39	20.5	301,600
A051	SEWER MAINTENANCE		27,765.44	0	243,875.29	0	.00	.0	0
A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS		800.00	0	7,724.10	0	.00	.0	0
A060	INSPECTION - BUDGET		.00	18,150	.00	163,300	34,251.69-	21.0-	235,900
A061	INSPECTION - NEW CONSTRUCTION		.00	0	1,012.10	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS		.00	0	12,955.12	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS		.00	0	7,771.74	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS		.00	0	5,875.85	0	.00	.0	0
A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES		.00	0	11,757.20	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT		12,427.65	0	89,676.30	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET		.00	1,600	.00	14,280	11,697.20-	81.9-	20,600
A072	SEWER INVESTIGATIONS		.00	0	2,582.80	0	.00	.0	0
SECT A TOTALS			41,088.07	43,330	386,985.06	389,760	2,774.94-	.7-	563,000
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		686.61	800	5,733.60	6,400	666.40-	10.4-	9,500

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NUMBER	DESCRIPTION	COST		ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
		CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET		
		MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
B113	EMERGENCY/SAFETY EQUIPMENT	433.16	250	1,384.03	2,000	615.97-	30.8-	3,000
B115	EQUIPMENT/EQUIPMENT REPAIR	348.83	2,500	54,972.65	66,500	11,527.35-	17.3-	74,500
B116	SUPPLIES	37.97	400	3,228.43	3,200	28.43	.9	4,700
B117	EMPLOYEE/DUTY COSTS	2,895.37	1,800	11,054.94	14,400	3,345.06-	23.2-	21,500
B124	CONTRACT SERVICES	124,204.40	0	124,204.40	105,000	19,204.40	18.3	105,000
B127	JULIE SYSTEM	.00	0	12,016.08	12,000	16.08	.1	16,400
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	.00	1,000	.00	11,000	11,000.00-	100.0-	15,000
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE	.00	1,000	350.00	8,000	7,650.00-	95.6-	12,000
B900	SEWER SYSTEM REPAIRS - BUDGET	.00	275,000	.00	1,955,100	129,905.38	6.6	3,055,100
B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	.00	0	184,676.40	0	.00	.0	0
B902	SEWER SYSTEM REPAIRS - REPLACEMENT	2,308.85	0	65,277.48	0	.00	.0	0
B903	SEWER SYSTEM REPAIRS - REHABILITATION	1,139,185.62	0	1,171,540.93	0	.00	.0	0
B904	SEWER SYSTEM REPAIRS - TV INSPECTION	23,494.37	0	23,494.37	0	.00	.0	0
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	106,100.21	0	530,735.94	0	.00	.0	0
B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R	6,939.48	0	18,484.66	0	.00	.0	0
B929	ARRA LOAN PRINCIPAL REPAYMENT	.00	0	90,795.60	0	.00	.0	0
SECT B TOTALS		1,406,634.87	282,750	2,297,949.51	2,183,600	114,349.51	5.2	3,316,700
SECT C VEHICLES								
C222	GAS/FUEL	1,475.49	1,700	15,813.78	13,600	2,213.78	16.3	20,000
C225	OPERATION/REPAIR	424.71	1,200	1,666.69	10,200	8,533.31-	83.7-	15,000
C226	VEHICLE PURCHASES	63,910.24	0	107,378.26	48,500	58,878.26	121.4	114,500
SECT C TOTALS		65,810.44	2,900	124,858.73	72,300	52,558.73	72.7	149,500
DEPT 14 TOTALS		1,513,533.38	328,980	2,809,793.30	2,645,660	164,133.30	6.2	4,029,200
DEPT 15 O & M EXPENSES - LIFT STATIONS								
SECT A SALARIES AND WAGES								
A006	ENGINEERING	.00	380	661.06	3,380	2,718.94-	80.4-	4,900
A009	OPERATIONS MANAGEMENT	362.67	120	6,478.35	1,020	5,458.35	535.1	1,500
A030	BUILDING AND GROUNDS	.00	170	830.76	1,640	809.24-	49.3-	2,400
A080	LIFT STATION MAINTENANCE	6,912.10	1,720	29,155.75	15,480	13,675.75	88.3	22,400
SECT A TOTALS		7,274.77	2,390	37,125.92	21,520	15,605.92	72.5	31,200
SECT B OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY	6,174.49	17,000	85,402.08	136,000	50,597.92-	37.2-	200,000
B104	FUEL - GENERATORS	.00	0	198.99	3,600	3,401.01-	94.5-	4,600
B112	COMMUNICATION	305.74	400	2,444.47	3,400	955.53-	28.1-	5,000
B113	EMERGENCY/SAFETY EQUIPMENT	1,212.34	0	1,212.34	2,200	987.66-	44.9-	2,200
B116	SUPPLIES	.00	0	172.74	300	127.26-	42.4-	400
B124	CONTRACT SERVICES	.00	0	.00	500	500.00-	100.0-	500
B520	EQPT/EQPT REPAIR - BUTTERFIELD	.00	600	994.00	5,300	4,306.00-	81.3-	7,700
B521	EQPT/EQPT REPAIR - CENTEX	191.45	300	284.17	2,600	2,315.83-	89.1-	3,800
B522	EQPT/EQPT REPAIR - COLLEGE	.00	300	3,327.00	19,100	15,773.00-	82.6-	20,200
B523	EQPT/EQPT REPAIR - EARLSTON	2.97	2,600	17,229.97	20,900	3,670.03-	17.6-	31,300

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	BUDGET	ACTUAL-	VAR	TOTAL
			CURRENT	CURRENT					
			MONTH	MONTH	Y-T-D	Y-T-D			
B524	EQPT/EQPT REPAIR - HOBSON		17,722.15	11,000	31,158.52	59,200	28,041.48-	47.4-	101,700
B525	EQPT/EQPT REPAIR - LIBERTY PARK		.00	100	359.18	2,800	2,440.82-	87.2-	4,200
B526	EQPT/EQPT REPAIR - NORTHWEST		.00	100	575.35	6,500	5,924.65-	91.2-	8,600
B527	EQPT/EQPT REPAIR - VENARD		127.17	1,300	1,278.50	11,000	9,721.50-	88.4-	15,900
B528	EQPT/EQPT REPAIR - WROBLE		7,371.73	1,300	10,008.39	10,400	391.61-	3.8-	15,500
B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL		143.35	5,300	1,083.65	41,700	40,616.35-	97.4-	62,700
B820	BLDG AND GROUNDS - BUTTERFIELD		191.45	0	1,339.37	0	1,339.37	.0	0
B821	BLDG AND GROUNDS - CENTEX		.00	0	1,112.30	0	1,112.30	.0	0
B822	BLDG AND GROUNDS - COLLEGE		.00	0	.00	5,000	5,000.00-	100.0-	5,000
B823	BLDG AND GROUNDS - EARLSTON		191.45	0	1,295.92	20,800	19,504.08-	93.8-	20,800
B824	BLDG AND GROUNDS - HOBSON		191.45	0	1,998.87	57,800	55,801.13-	96.5-	57,800
B825	BLDG AND GROUNDS - LIBERTY PARK		191.45	0	3,497.77	0	3,497.77	.0	0
B826	BLDG AND GROUNDS - NORTHWEST		191.45	5,000	1,459.32	20,000	18,540.68-	92.7-	20,000
B827	BLDG AND GROUNDS - VENARD		191.45	0	1,118.97	0	1,118.97	.0	0
B828	BLDG AND GROUNDS - WROBLE		191.45	0	1,181.32	8,400	7,218.68-	85.9-	8,400
B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL		.00	2,000	101.44	23,300	23,198.56-	99.6-	31,300
SECT B TOTALS			34,591.54	47,300	168,834.63	460,800	291,965.37-	63.4-	627,600
DEPT 15 TOTALS			41,866.31	49,690	205,960.55	482,320	276,359.45-	57.3-	658,800
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS									
SECT E INSURANCE AND EMPLOYEE BENEFITS									
E452	LIABILITY/PROPERTY		5,131.00	0	251,524.00	242,000	9,524.00	3.9	242,000
E455	EMPLOYEE GROUP HEALTH		52,026.89	49,000	369,103.17	392,000	22,896.83-	5.8-	587,500
E460	IMRF		21,385.24	14,550	122,272.39	135,800	13,527.61-	10.0-	194,000
E461	SOCIAL SECURITY		17,805.82	19,240	172,137.01	179,540	7,402.99-	4.1-	256,500
SECT E TOTALS			96,348.95	82,790	915,036.57	949,340	34,303.43-	3.6-	1,280,000
DEPT 17 TOTALS			96,348.95	82,790	915,036.57	949,340	34,303.43-	3.6-	1,280,000
DEPT 91 SA EXPENSE									
DEPT 91 TOTALS			.00	0	.00	0	.00	0	
FUND EXPENSE TOTAL			2,147,322.14	1,007,328	7,924,330.37	9,778,911	1,854,580.63-	19.0-	13,724,400
FUND 01 TOTALS			1,555,372.78	128,834	828,047.38-	1,820,711	2,648,758.38-	145.5-	2,644,750

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT			
			MONTH	MONTH			BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		3,484.87-	1,300-	21,769.22-	10,400-	15,400-
3010	TRUNK SEWER SERVICE CHARGES		1,788.50-	7,500-	33,209.73-	60,000-	90,000-
3035	INTERFUND TRANSFER		350,000.00-	0	750,000.00-	400,000-	750,000-
=====							
DEPT 05	TOTALS		355,273.37-	8,800-	804,978.95-	470,400-	855,400-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	46,600	93,200
0515	PAYMENT ON LOAN PRINCIPAL		.00	0	46,595.53	0	0
=====							
DEPT 30	TOTALS		.00	0	46,595.53	46,600	93,200
=====							
DEPT 36	CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE						
=====							
DEPT 36	TOTALS		.00	0	.00	0	0
=====							
DEPT 41	CAPITAL EXP - BUTTERFIELD LIFT STATION UPGRADE						
=====							
DEPT 41	TOTALS		.00	0	.00	0	0
=====							
DEPT 42	CAPITAL EXP - COLLEGE LIFT STATION UPGRADE						
=====							
DEPT 42	TOTALS		.00	0	.00	0	0
=====							
DEPT 47	CAPITAL EXP - CENTEX LIFT STATION UPGRADE						
0506	CONSTRUCTION CONTRACTS AND PURCHASES		.00	0	133,649.80	0	0
=====							
DEPT 47	TOTALS		.00	0	133,649.80	0	0
=====							
DEPT 48	CAPITAL - VENARD LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	845,000	845,000
0502	DESIGN ENGINEERING/ARCHITECTURAL		.00	0	737.50	0	0
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		445.05	0	9,591.34	0	0
0506	CONSTRUCTION CONTRACTS AND PURCHASES		255,843.26	0	621,401.66	0	0
=====							
DEPT 48	TOTALS		256,288.31	0	631,730.50	845,000	845,000
=====							
DEPT 49	CAPITAL EXP - WROBLE LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	6,000	.00	6,000	26,000
0502	DESIGN ENGINEERING/ARCHITECTURAL		3,840.00	0	15,859.59	0	0
=====							
DEPT 49	TOTALS		3,840.00	6,000	15,859.59	6,000	26,000
=====							

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FUND 02 IMPROVEMENT FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 74	CAPITAL EXP - SEWER - UNSEWERED AREAS						
0500	PROJECT BUDGET		.00	0	.00	500	500
=====							
DEPT 74	TOTALS		.00	0	.00	500	500
=====							
FUND	EXPENSE TOTAL		260,128.31	6,000	827,835.42	898,100	964,700
=====							
FUND 02	TOTALS		95,145.06-	2,800-	22,856.47	427,700	109,300
=====							

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NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT			
			MONTH	MONTH			BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		6,865.23-	1,900-	43,181.41-	15,500-	23,100-
3009	SEWER PERMIT FEES		3,860.50-	20,800-	126,293.50-	166,800-	250,000-
3035	INTERFUND TRANSFER		.00	0	.00	400,000-	400,000-
=====							
DEPT 05	TOTALS		10,725.73-	22,700-	169,474.91-	582,300-	673,100-
=====							
DEPT 20	CAPITAL EXP - WWTC - GAS DETECTION/ALARMING						
0500	PROJECT BUDGET		.00	55,000	.00	311,000	444,000
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		3,866.25	0	9,523.81	0	0
0506	CONSTRUCTION CONTRACTS AND PURCHASES		8,100.00	0	8,800.00	0	0
=====							
DEPT 20	TOTALS		11,966.25	55,000	18,323.81	311,000	444,000
=====							
DEPT 21	CAPITAL EXP - WWTC - BIOSOLIDS IMPROVEMENTS						
0500	PROJECT BUDGET		.00	40,000	1,137.50	260,000	447,500
0501	REPORT ENGINEERING/ARCHITECTURAL		.00	0	5,190.35	0	0
=====							
DEPT 21	TOTALS		.00	40,000	6,327.85	260,000	447,500
=====							
DEPT 22	CAPITAL EXP - WWTC - DIGESTER GAS SAFETY EQUIP						
0500	PROJECT BUDGET		.00	0	.00	35,000	335,000
0506	CONSTRUCTION CONTRACTS AND PURCHASES		52.50	0	2,444.37	0	0
=====							
DEPT 22	TOTALS		52.50	0	2,444.37	35,000	335,000
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	14,450	28,900
0515	PAYMENT ON LOAN PRINCIPAL		.00	0	14,403.65	0	0
=====							
DEPT 30	TOTALS		.00	0	14,403.65	14,450	28,900
=====							
DEPT 31	CAPITAL EXP - WWTC - CHP BIOGAS						
=====							
DEPT 31	TOTALS		.00	0	.00	0	0
=====							
DEPT 32	CAPITAL EXP - WWTC - SECOND TURBOBLOWER						
=====							
DEPT 32	TOTALS		.00	0	.00	0	0
=====							
DEPT 33	CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING						
=====							
DEPT 33	TOTALS		.00	0	.00	0	0
=====							

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FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	Y-T-D	Y-T-D	BUDGET
			MONTH	MONTH			
DEPT 34	CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP						
DEPT 34 TOTALS			.00	0	.00	0	0
DEPT 35	CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2						
DEPT 35 TOTALS			.00	0	.00	0	0
DEPT 37	CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2						
DEPT 37 TOTALS			.00	0	.00	0	0
DEPT 38	CAPITAL EXP - WWTC - PROPERTY ACQUISITION						
DEPT 38 TOTALS			.00	0	.00	0	0
DEPT 39	CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT						
DEPT 39 TOTALS			.00	0	.00	0	0
DEPT 40	CAPITAL EXP - WWTC - LOAN REPAYMENT						
DEPT 40 TOTALS			.00	0	.00	0	0
FUND EXPENSE TOTAL			12,018.75	95,000	41,499.68	620,450	1,255,400
FUND 03 TOTALS			1,293.02	72,300	127,975.23-	38,150	582,300

TREASURER'S REPORT

DATE 01/10/25

MONTH ENDED 12/31/24

PAGE 11

FUND 05 PUBLIC BENEFIT FUND

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

TREASURER'S REPORT

DATE 01/10/25

MONTH ENDED 12/31/24

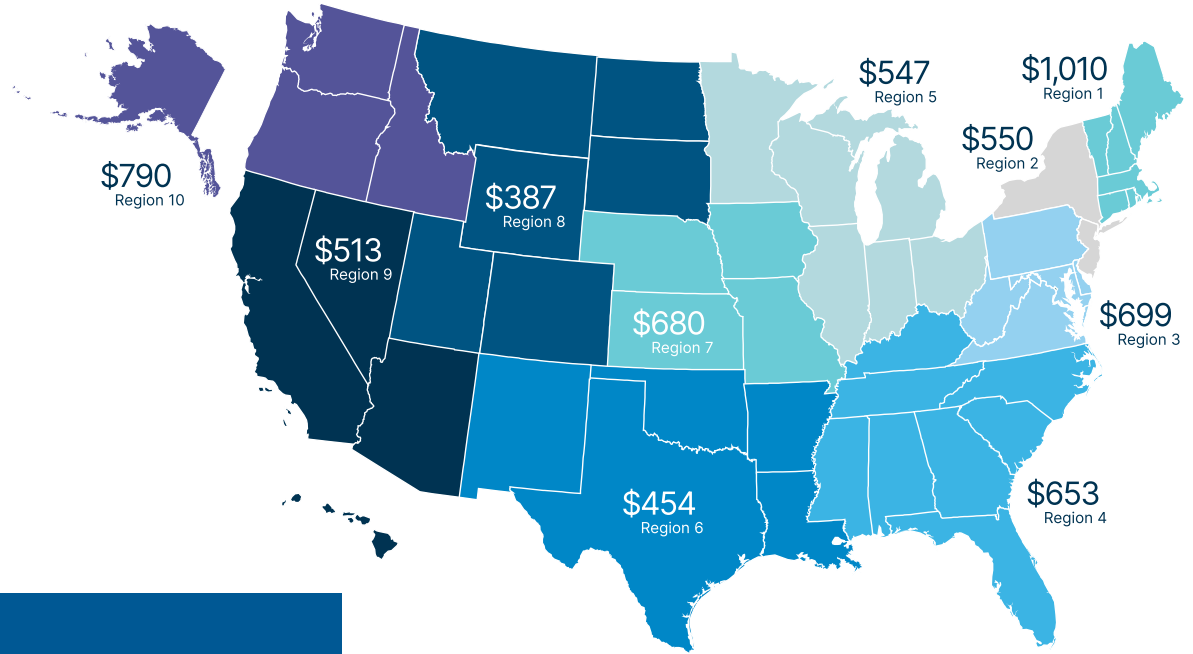
PAGE 12

FUND 71 SEWER EXTENSIONS ESCROW

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

2 0 2 3

Cost of Clean Water Index



Regional Average Annual Charges, 2023
All Respondents

99 Million

POPULATION SERVED

164

UTILITY RESPONDENTS

\$588

AVERAGE NATIONAL ANNUAL SEWER SERVICE CHARGE

3.2%

INCREASE IN SEWER CHARGES 2022-2023

4.1%

INCREASE IN CONSUMER PRICE INDEX 2022-2023

Average Charge for Wastewater Services Increased 3.2% in 2023

NACWA's *Cost of Clean Index* for the 2023 calendar year indicates that the average cost of wastewater services rose 3.2 percent. The average increase was 0.9 percentage points below the rate of inflation as measured by the Consumer Price Index (CPI) (see *Annual Change in Cost of Clean Water Index vs. Inflation*). This marks the third straight year where national charges for wastewater collection and treatment services were outpaced by inflation.

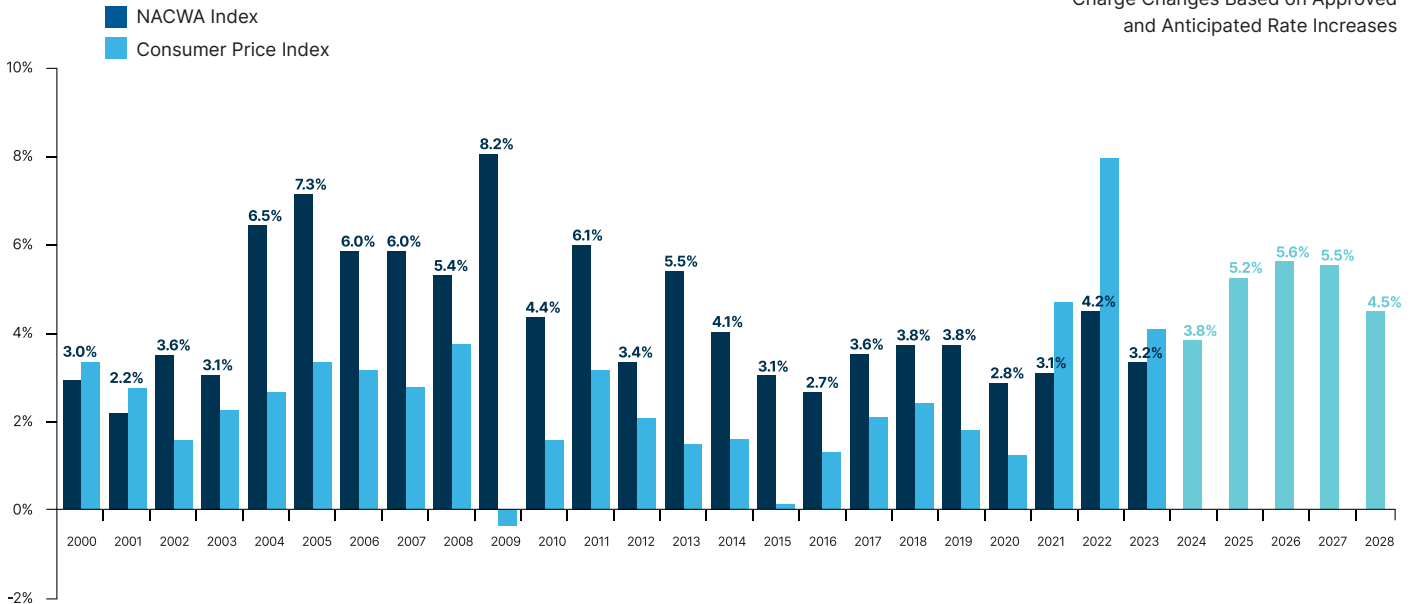
In 2023, the national average amount that a single-family residence paid for wastewater services was \$588. Wastewater service charges vary widely among EPA regions and states, and are affected by demographics, geography, system age, regulatory requirements, and a range of other issues. To illustrate these variations, the *Regional Average Annual Charge* map shows a breakdown of average charges by EPA region. The average service charge by Region varies from a low of \$387 in EPA Region 8 to a high of \$1,010 in EPA Region 1.



Annual Change in Cost of Clean Water

Index vs. Inflation

2024 to 2028 Projected Service Charge Changes Based on Approved and Anticipated Rate Increases



The *Annual Change in Cost of Clean Water Index vs. Inflation* chart presents a national snapshot of the increase in service charges, as compared to inflation, since 2000. Table A-1 provides additional detail, including a breakdown of *NACWA Index* values and service charges back to 1985, the base year for the *Index*. The values for 2023 are based on the responses from 164 NACWA members serving over 99 million people.

Customers pay for sewer services in a variety of ways. Charges may be based on property values, gallons of water used, on a flat rate, or include some combination of these values. Due to this variability, the *NACWA Index* uses what the average single-family residence pays annually because it is a more consistent measure to track the cost of services over time. In 2023, the majority of clean water utilities implemented rate structures that resulted in increases in the average annual household service charge. However, in some communities, volume-based rates increased, but average service charges dropped due to reductions in actual or estimated residential water use or decreased revenues. Additional national and regional data are included in Tables A-1 and A-3.

Average Annual Service Charge Still Hovering at Approximately 2.0% of Poverty Threshold

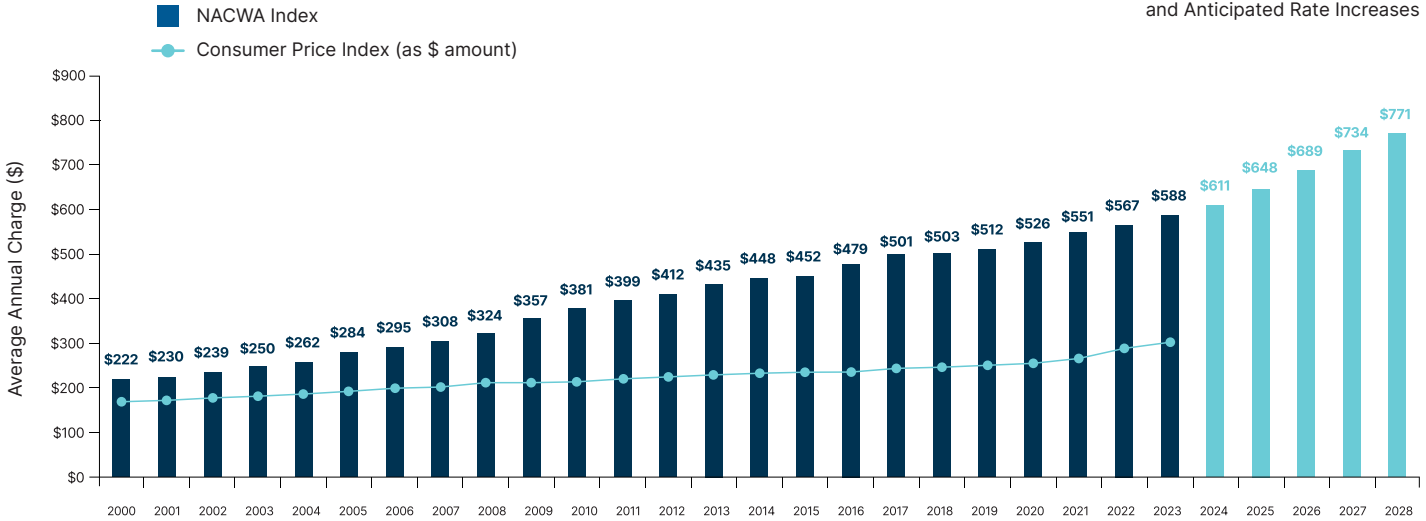
The *Average Annual Service Charge* chart presents a national snapshot of wastewater service charges since 2000 and provides a projection of average charges through 2028. In comparison to the Consumer Price Index (CPI), the annual sewer service charge has increased at double the rate of the CPI since 2000 and has nearly doubled in value since 2006. The average annual sewer charge of \$588 represents nearly 2 percent (1.96 percent) of the 2023 Federal poverty income threshold (\$30,000) for a family of four (which jumped \$2,250 from 2022).



Average Annual Service Charge

2000 – 2023 & Projected

2024 to 2028 Projected Service Charge Changes Based on Approved and Anticipated Rate Increases



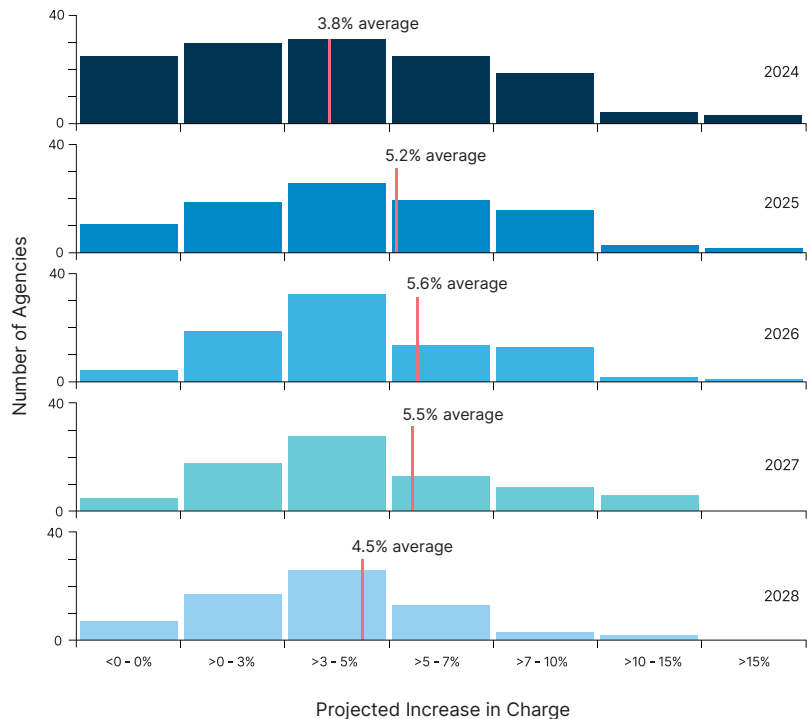
Half of Utility Respondents to Increase Rates by 20% or More by 2028

Infrastructure needs, as well as inflationary and regulatory cost pressures, are leading to a higher prevalence of approved and planned rate increases nationwide. Eighty percent (80%) of agencies indicated that approved or planned rate increases will be implemented in 2024 and 2025.

From 2024-2028, rates for wastewater services are expected to rise from 4 to 5 percent per year with a median cumulative five-year increase of 20 percent (see *Projected Increases in Charges* chart which shows the distribution of projected increases in charges among agency respondents over the next five years). The top reasons cited for large projected rate increases include capital needs to address aging infrastructure, meeting increased regulatory requirements due to consent decrees, sewer overflows, nutrient control, and increasing O&M costs, including labor, construction, supplies and materials due to inflation.

Projected Increases in Charges

2024 – 2028



Disclaimers: The NACWA Index strives to use the best available data each year when determining current and historical household charges and trends. These data are intended for comparison purposes only, and are subject to change from one year to the next. While this document presents the most up-to-date data available, if better data become available in the future, the data presented here may be modified.

Additional data and information on the NACWA Index and past years' surveys are available on NACWA's website.

Table A-1: NACWA Service Charge Index, 1985 to 2023

Year	NACWA Index ⁽¹⁾	Change from Previous Year ⁽²⁾	Average Service Charge (\$)	Change from Previous Year (\$)	Change to Consumer Price Index	Total Responses	Population represented (in millions)	Total Responses in Both Previous and Current Year
1985	100.0		\$102.75			155	88.6	
1986	106.8	6.8%	\$109.69	\$6.95	1.9%	158	88.8	155
1987	112.4	5.3%	\$115.51	\$5.82	3.6%	157	88.8	157
1988	119.9	6.9%	\$123.17	\$7.99	4.1%	163	91.3	157
1989	130.1	8.4%	\$133.65	\$10.35	4.8%	166	92.0	163
1990	141.0	8.4%	\$144.84	\$11.25	5.4%	169	92.3	166
1991	153.7	8.9%	\$157.88	\$12.84	4.2%	171	92.5	169
1992	166.7	8.5%	\$171.33	\$13.84	3.0%	175	94.7	171
1993	183.1	8.3%	\$188.12	\$13.78	3.0%	184	100.5	170
1994	193.4	5.1%	\$198.68	\$10.32	2.6%	194	102.4	182
1995	197.8	2.2%	\$203.22	\$4.23	2.8%	199	99.6	189
1996	201.7	3.6%	\$207.28	\$6.44	3.0%	205	105.8	195
1997	203.9	1.3%	\$209.49	\$2.88	2.3%	208	107.9	202
1998	207.8	2.4%	\$213.52	\$4.89	1.6%	214	106.6	204
1999	209.8	0.7%	\$215.61	\$1.90	2.2%	224	109.4	210
2000	216.4	3.0%	\$222.31	\$6.41	3.4%	234	113.7	218
2001	223.5	2.2%	\$229.63	\$4.47	2.8%	238	113.5	227
2002	232.6	3.6%	\$238.99	\$8.45	1.6%	220	107.8	215
2003	243.0	3.1%	\$249.71	\$7.69	2.3%	232	108.4	198
2004	254.8	6.5%	\$261.79	\$16.10	2.7%	222	109.0	200
2005	276.3	7.3%	\$283.91	\$18.79	3.4%	213	108.7	188
2006	287.1	6.0%	\$295.03	\$17.23	3.2%	203	107.0	177
2007	299.4	6.0%	\$307.60	\$16.47	2.8%	196	104.6	173
2008	315.4	5.4%	\$324.11	\$18.00	3.8%	191	107.6	165
2009	347.3	8.2%	\$356.90	\$26.41	-0.4%	171	103.4	161
2010	371.2	4.4%	\$381.45	\$16.82	1.6%	181	100.7	143
2011	387.7	6.1%	\$398.57	\$23.78	3.2%	176	104.0	158
2012	401.6	3.3%	\$412.17	\$13.97	2.1%	179	108.1	148
2013	424.3	5.5%	\$435.26	\$22.53	1.5%	183	107.8	155
2014	436.0	4.1%	\$447.99	\$17.45	1.6%	184	112.8	164
2015	439.8	3.1%	\$451.93	\$13.53	0.1%	176	110.6	160
2016	466.3	2.7%	\$479.07	\$11.85	1.3%	173	104.4	156
2017	487.8	3.6%	\$501.21	\$11.49	2.1%	180	105.4	144
2018	489.5	3.8%	\$503.01	\$19.77	2.4%	178	109.6	154
2019	498.3	3.8%	\$512.01	\$6.30	1.8%	178	110.3	149
2020	512.3	2.8%	\$526.44	\$14.57	1.2%	175	104.4	154
2021	536.1	3.1%	\$550.81	\$15.73	4.7%	171	105.5	144
2022	551.9	4.2%	\$567.12	\$23.57	8.0%	173	104.9	143
2023	572.0	3.2%	\$587.59	\$19.70	4.1%	164	99.0	140

Note 1: The value of the Service Charge Index is based on all responses received. The base year, 1985, has been indexed to a value of 100 at the national level.

Note 2: The annual percent change in the Index is based on the responses of those agencies that responded in both the previous year and current year using the same calculation method.



Table A-2: Projected Annual Service Charge Increases, 2024-2028

	2024	2025	2026	2027	2028
Average Annual Increase (%)	3.8%	5.2%	5.6%	5.5%	4.5%
Average Service Charge (Projected \$)	610.79	647.59	689.40	733.88	771.50
Change from Previous Year (\$)	23.21	36.79	41.82	44.48	37.62
# of Total Responses	156	153	151	149	148
# of Responses with Numeric Estimates	136	97	86	79	68
Approved	57%	24%	17%	12%	9%
Planned	23%	56%	56%	59%	56%
No Change	13%	7%	3%	2%	3%
Uncertain	6%	13%	25%	27%	32%

Table A-3: Regional Annual Average Sewer Service Charges, 2023 Summary

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National
# of Agencies	9	10	18	23	31	10	13	14	22	14	164
Population	3.5	13.1	11.1	10.0	19.7	9.3	4.3	3.9	19.3	4.8	99.0
2023 Charge											
Average	\$1,010.27	\$550.08	\$699.36	\$653.42	\$547.00	\$454.38	\$679.57	\$387.48	\$513.09	\$790.06	\$587.59
Median	\$600.00	\$492.64	\$539.10	\$519.00	\$468.40	\$454.50	\$482.28	\$381.55	\$507.50	\$643.75	\$504.39
Minimum	\$396.00	\$209.32	\$238.68	\$256.50	\$234.54	\$308.52	\$56.77	\$209.00	\$246.44	\$480.48	\$56.77
Maximum	\$1,210.20	\$678.40	\$1,094.02	\$1,173.52	\$759.28	\$914.40	\$898.20	\$609.12	\$1,325.04	\$909.72	\$1,325.04
% Change⁽³⁾											
1-year (2022-23)	3.0%	4.1%	2.2%	6.9%	1.8%	-0.7%	4.4%	19.3%	1.6%	3.9%	4.4%
3-year (2020-23)	11.9%	9.9%	11.7%	13.7%	9.4%	7.0%	16.1%	29.7%	7.5%	15.0%	12.1%
5-year (2018-23)	17.5%	8.6%	25.5%	17.8%	18.1%	6.5%	23.6%	44.9%	12.1%	28.8%	21.2%

Note 3: The percent change values in Table A-3 are based on the responses of those agencies that responded in both the previous year and current year using the same calculation method.



DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Wastewater Report, December 2024

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

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

Catchment Information

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

SARS-CoV-2 LEVELS IN WASTEWATER

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

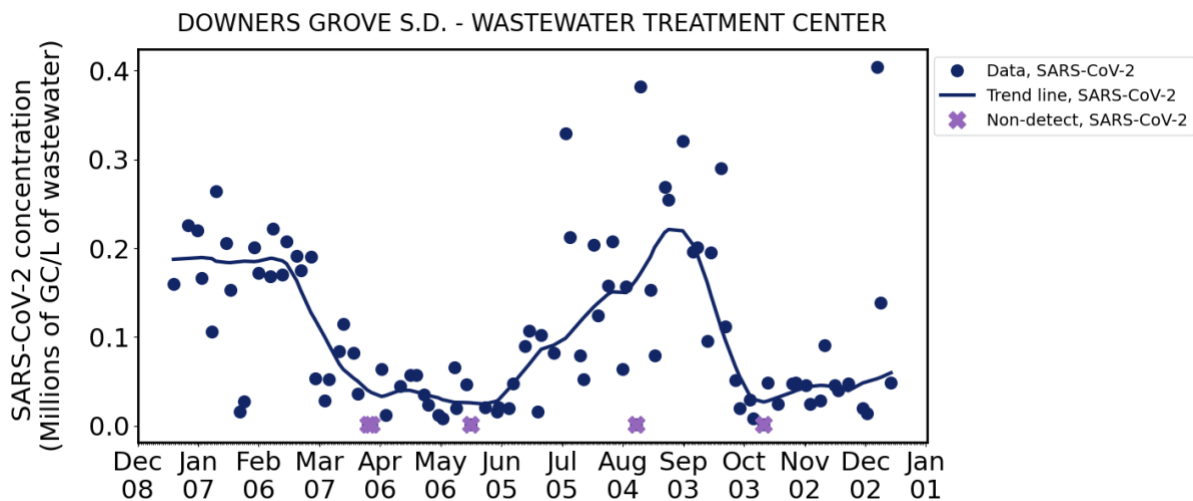


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)
2024-12-15	48,750

2024-12-10	139,050
2024-12-08	404,475
2024-12-03	14,100
2024-12-01	20,100
2024-11-24	47,625
2024-11-19	40,200
2024-11-17	45,525

SARS-CoV-2 LINEAGES IN WASTEWATER

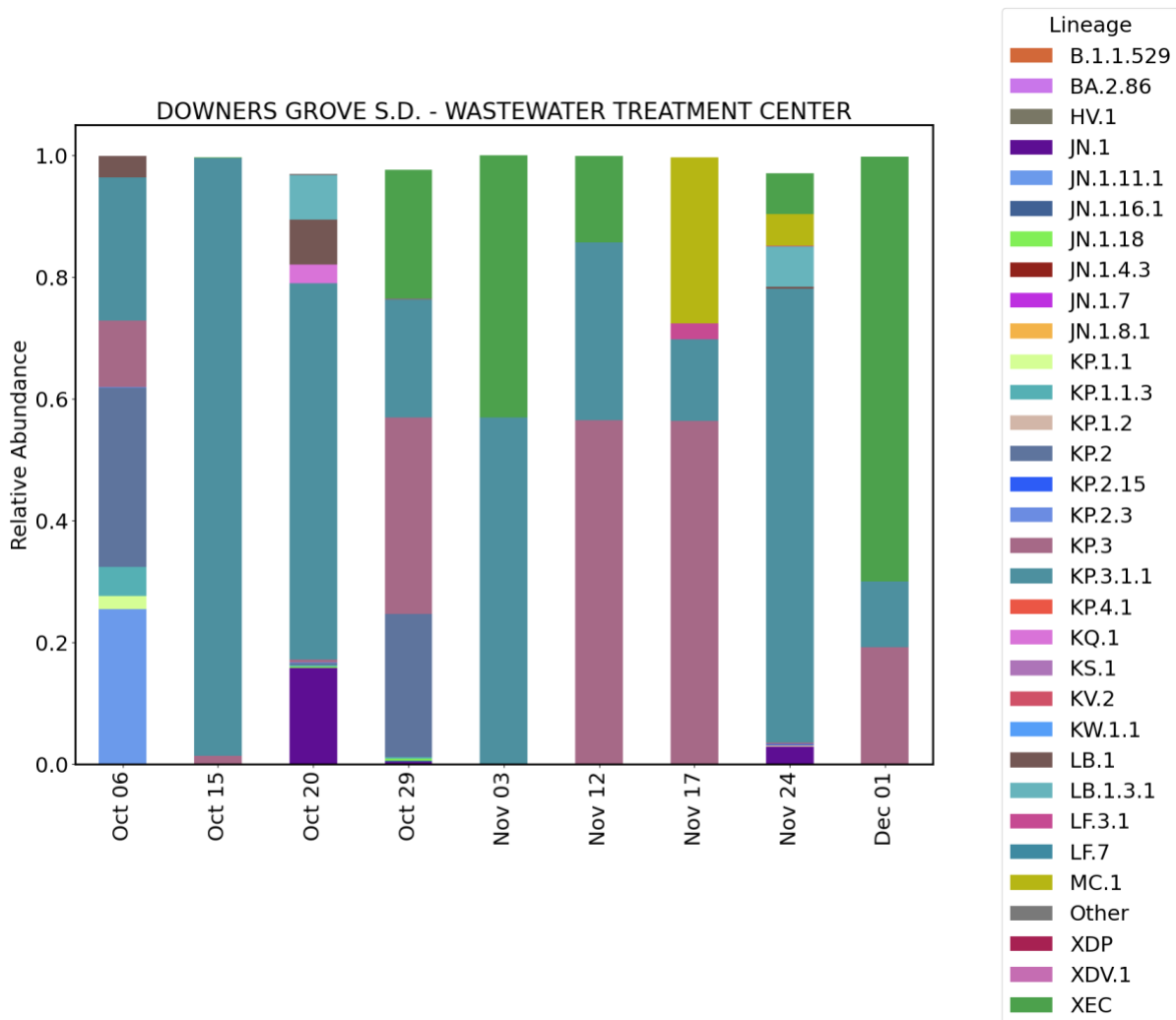


Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.

INFLUENZA A/B LEVELS IN WASTEWATER

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

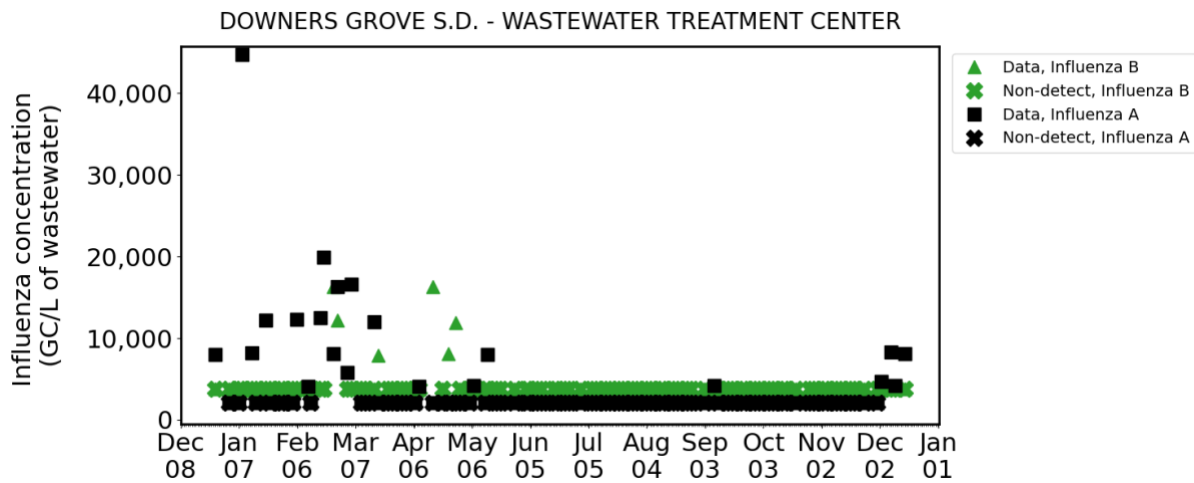


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2024-12-15	8,100	Non-detect
2024-12-10	4,200	Non-detect
2024-12-08	8,325	Non-detect
2024-12-03	4,725	Non-detect
2024-12-01	Non-detect	Non-detect
2024-11-24	Non-detect	Non-detect
2024-11-19	Non-detect	Non-detect
2024-11-17	Non-detect	Non-detect

RSV LEVELS IN WASTEWATER

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

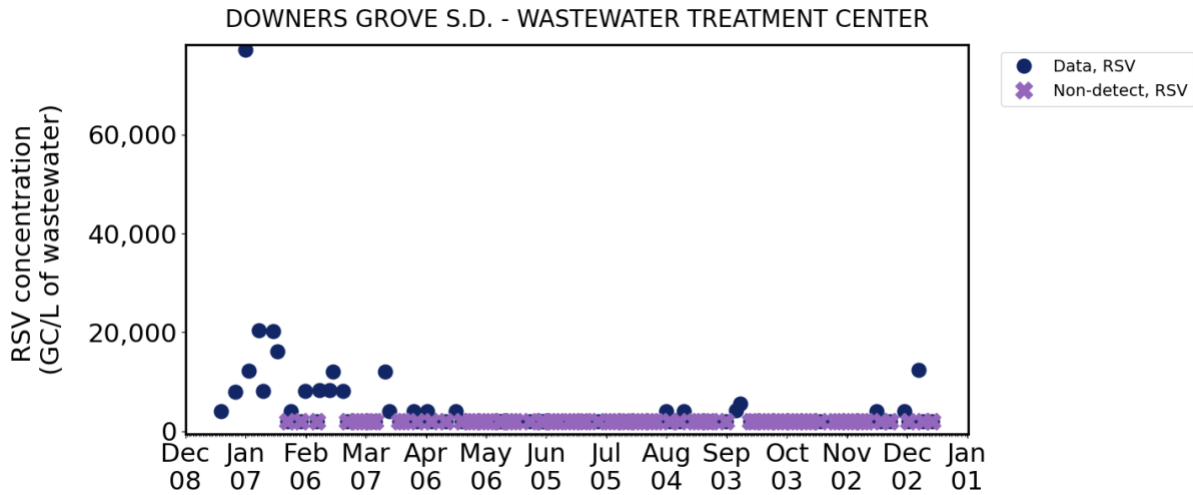


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2024-12-15	Non-detect
2024-12-10	Non-detect
2024-12-08	12,450
2024-12-03	Non-detect
2024-12-01	4,050
2024-11-24	Non-detect
2024-11-19	Non-detect
2024-11-17	4,125

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

What do the results mean?

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

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

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

How are the gene copies measured in the wastewater?

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

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

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

What is the viral gene copy trend line?

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



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

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

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

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

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

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

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

What are lineages and how are they determined?

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

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

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

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

What is the sequencing plot showing me?

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



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

What do the results mean?

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

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

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

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

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

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

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

Why do the lineages in the legend change periodically?

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



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downers.us

December 19, 2024

VIA CERTIFIED MAIL

Notice is hereby given that a public hearing will be held on Tuesday, March 4, 2025, at 7:00 p.m. at the Downers Grove Civic Center, Council Chambers, 850 Curtiss Street, Downers Grove, Illinois 60515, (the "Public Hearing"), in regard to the proposed designation of a redevelopment project area (the "Redevelopment Project Area"), and the proposed approval of a redevelopment plan and project (the "Redevelopment Plan and Project") in relation thereto, for the proposed Meadowbrook Redevelopment Project Area (the "TIF District"), pursuant to the provisions of the "Tax Increment Allocation Redevelopment Act," 65 ILCS 5/11-74.4-1 *et seq.*, as amended (the "TIF Act").

The boundaries of the Redevelopment Project Area for the proposed TIF District are more fully set forth on the legal description attached hereto as Exhibit "1" and made a part hereof.

The proposed Redevelopment Plan and Project provides for land assembly, improvements to the public infrastructure within the proposed Redevelopment Project Area and for the Village of Downers Grove (the "Village") to implement a set of actions to promote redevelopment within the proposed Redevelopment Project Area. The contemplated Village actions include, but are not limited to: encouraging redevelopment agreements; facilitating the preparation of improved and vacant sites, by assisting private developers to assemble suitable sites for modern development needs; coordinating site preparation to provide additional land for new development, as appropriate; fostering the replacement, repair and/or improvement of infrastructure, including (as needed) sidewalks, streets, curbs, gutters, and underground water and sanitary systems as may be necessary to facilitate the construction of new development within the Redevelopment Project Area; and facilitating the provision of adequate on- and off-street parking and pedestrian access within the Redevelopment Project Area; and fostering the rehabilitation, repair and remodeling of existing buildings within the Redevelopment Project Area. The Village would realize the goals and objectives of the Redevelopment Plan and Project through public finance techniques including, but not limited to, tax increment allocation financing.

Copies of the Eligibility Report and the Redevelopment Plan and Project have been on file with the Village since June 23, 2023, and are currently on file and available for public inspection between the hours of 7:30 a.m. and 4:30 p.m., Monday through Friday, except holidays, at the office of Rosa Berardi, Village Clerk for the Village of Downers Grove, at 850 Curtiss Street, Downers Grove, Illinois 60515.

Copies of the Eligibility Report and the Redevelopment Plan and Project are enclosed with the copies of this Notice that are being mailed to the affected taxing districts and the Illinois Department of Commerce and Economic Opportunity. Jason Zawila, Planning Manager for the Village of Downers Grove, at (630) 434-5520 or Geoff Dickinson of SB Friedman Development Advisors, LLC (312) 384-2404 can be contacted for further information.

Pursuant to the TIF Act, the Joint Review Board for the proposed TIF District (the "JRB") is being convened to review the public record, planning documents, Eligibility Report and the proposed ordinances approving the Redevelopment Project Area and the Redevelopment Plan and Project for the proposed TIF District. Pursuant to the TIF

CIVIC CENTER

850 Curtiss St.
Downers Grove, IL
60515-4782

MAIN 630.434.5500
POLICE 630.434.5600

FIRE DEPT

Administration
5420 Main St.
Downers Grove, IL
60515-4834

630.434.5980

PUBLIC WORKS

5101 Walnut Ave.
Downers Grove, IL
60515-4046

630.434.5460

Act, the JRB shall consist of one (1) public member and one (1) representative from each of the following taxing districts: College of DuPage Community College District No. 502; Community High School District No. 99; Woodridge School District No. 68; DuPage County; Lisle Township; the Downers Grove Park District; and the Village of Downers Grove.

Pursuant to the TIF Act, the meeting of the JRB will be held on February 3, 2025 at 4:00 p.m. at the Downers Grove Civic Center, 850 Curtiss Street, Downers Grove, Illinois 60515. Those taxing districts with representatives on the JRB are hereby notified of said JRB meeting. The JRB's recommendation relative to the Redevelopment Project Area and Redevelopment Plan and Project for the proposed TIF District shall be advisory and non-binding, and shall be adopted by a majority vote of those members of the JRB that are present and voting, and submitted to the Village within thirty (30) days after the first convening of the JRB. Failure of the JRB to submit its report on a timely basis shall not delay the Public Hearing, nor shall it delay any other step in the process of designating the Redevelopment Project Area or approving the Redevelopment Plan and Project for the proposed TIF District.

Prior to and at the March 4, 2025 Public Hearing, all interested persons, taxpayers, affected taxing districts and the Illinois Department of Commerce and Economic Opportunity may file with the Village Clerk written comments to and may be heard orally with respect to any issues regarding the proposed Redevelopment Project Area and Redevelopment Plan and Project for the proposed TIF District. Written comments are invited and can be sent in advance of the Public Hearing to the Downers Grove Village Clerk, 850 Curtiss Street, Downers Grove, Illinois 60515. The Public Hearing may be adjourned by the Village Council without further notice other than a motion to be entered upon the minutes of the Public Hearing, fixing the time and place of the subsequent Public Hearing.

Mailed and Published by order of the
Corporate Authorities of the Village of Downers Grove,
DuPage County, Illinois

Rosa Berardi, Village Clerk

Exhibits:

1. Description of the Meadowbrook TIF Boundary
2. Draft Meadowbrook TIF Redevelopment Plan

EXHIBIT 1

Redevelopment Project Area Description

**Village of Downers Grove
Meadowbrook Redevelopment Project Area**

Legal Description:

OF PROPERTY DESCRIBED AS:

LOTS 1, 2 AND 3 IN MEADOWBROOK SUBDIVISION, BEING A SUBDIVISION OF THAT PART OF THE NORTHEAST 1/4 OF SECTION 24, TOWNSHIP 38 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED FEBRUARY 1, 1973 AS DOCUMENT NUMBER R73-05824 AND CERTIFICATES OF CORRECTION RECORDED AS DOCUMENTS R76-58800 AND R76-58801, IN DUPAGE COUNTY, ILLINOIS

ALSO

LOT 5 AND THE SOUTH 15.00 FEET OF LOT 4 IN VALLEY CREEK PARK ESTATES UNIT 1, BEING A SUBDIVISION IN THE NORTHEAST 1/4 OF SECTION 24, TOWNSHIP 38 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 30, 1957 AS DOCUMENT 866856 AND THE CERTIFICATE OF CORRECTION RECORDED SEPTEMBER 16, 1958 AS DOCUMENT 894780

ALSO

THOSE PARTS OF THE EXISTING ADJOINING PUBLIC RIGHT OF WAYS, ALL OF THE ABOVE DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 5; THENCE SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST (ASSUMED) 250.00 FEET ALONG THE SOUTH LINE OF SAID LOT; THENCE NORTH 54 DEGREES 55 MINUTES 37 SECONDS WEST 275.59 FEET ALONG THE WESTERLY LINE THEREOF; THENCE NORTH 00 DEGREES 32 MINUTES 00 SECONDS WEST 40.00 FEET TO THE NORTHWEST CORNER OF SAID LOT 5, BEING ALSO THE SOUTHEAST CORNER OF SAID LOT 3; THENCE SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST TO THE WEST RIGHT OF WAY LINE OF BELMONT ROAD EXTENDED SOUTH TO ITS INTERSECTION WITH THE SOUTH RIGHT OF WAY LINE OF SAID ROAD; THENCE NORTH ALONG SAID WEST RIGHT OF WAY LINE TO ITS INTERSECTION WITH THE SOUTH LINE OF LOT 4 IN SAID MEADOWBROOK SUBDIVISION EXTENDED WEST; THENCE EAST ALONG SAID SOUTH LINE TO THE SOUTHEAST CORNER OF SAID LOT; THENCE NORTH ALONG THE EAST LINE OF SAID LOT, EXTENDED NORTH TO THE NORTH RIGHT OF WAY LINE OF WEST 63RD STREET; THENCE EAST ALONG SAID NORTH RIGHT OF WAY LINE TO ITS INTERSECTION WITH THE EAST RIGHT OF WAY LINE OF WOODWARD AVENUE EXTENDED NORTH; THENCE SOUTH ALONG SAID EAST RIGHT OF WAY LINE TO ITS INTERSECTION WITH THE SOUTH LINE OF SAID LOT

5 EXTENDED EAST; THENCE WEST ALONG SAID SOUTH LINE TO SAID POINT OF BEGINNING.

EXCEPT THAT PART OF SAID LOT 5 AND THE SOUTH 15.00 FEET OF LOT 4 DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 5; THENCE NORTH ON THE EAST LINE OF SAID LOT 5 HAVING A BEARING OF NORTH 0 DEGREES 00 MINUTES 00 SECONDS EAST A DISTANCE OF 28.64 FEET; THENCE SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST A DISTANCE OF 164.71 FEET; THENCE NORTH 14 DEGREES 25 MINUTES 50 SECONDS WEST A DISTANCE OF 62.17 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 14 DEGREES 25 MINUTES 50 SECONDS NORTH WEST A DISTANCE OF 75.55 FEET; THENCE NORTH 17 DEGREES 23 MINUTES 30 SECONDS WEST A DISTANCE OF 55.13 FEET TO A POINT ON THE NORTH LINE OF THE SOUTH 15.00 FEET OF SAID LOT 4; THENCE WEST ON THE NORTH LINE OF THE SOUTH 15.00 FEET OF SAID LOT 4 HAVING A BEARING OF SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST A DISTANCE OF 110.38 FEET; THENCE SOUTH 0 DEGREES 25 MINUTES 00 SECONDS EAST, A DISTANCE OF 91.17 FEET; THENCE SOUTH 69 DEGREES 35 MINUTES 46 SECONDS EAST A DISTANCE OF 119.89 FEET; THENCE NORTH 41 DEGREES 08 MINUTES 30 SECONDS EAST A DISTANCE OF 10.20 FEET; THENCE NORTH 89 DEGREES 20 MINUTES 06 SECONDS EAST, A DISTANCE OF 25.95 FEET TO THE POINT OF BEGINNING, IN DUPAGE COUNTY, ILLINOIS.

Parcel Numbers:

08-24-203-004

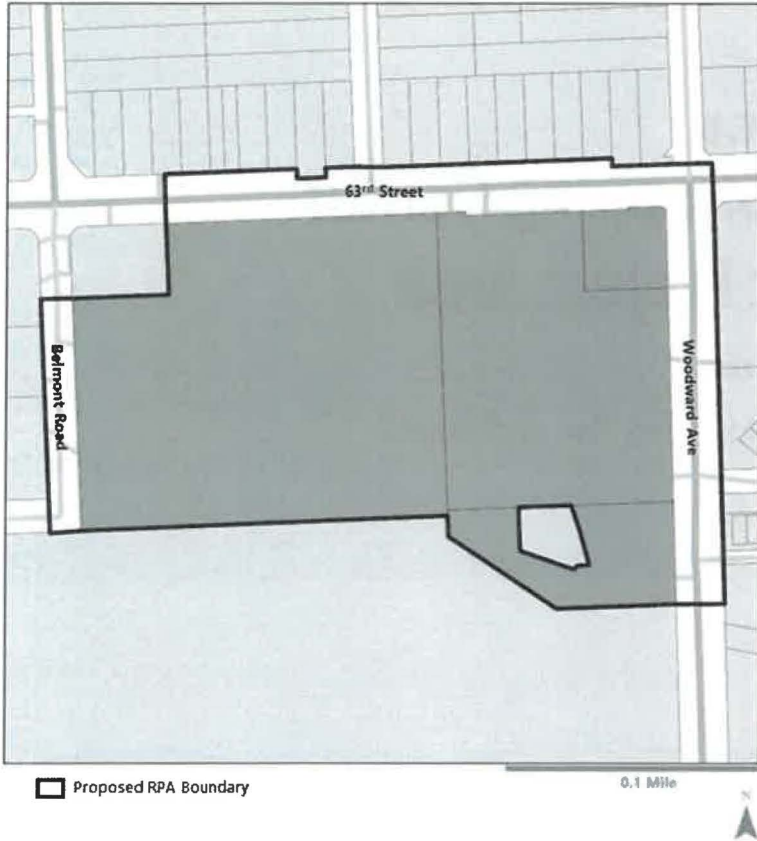
08-24-202-008

08-24-202-005

08-24-202-009

Common Boundary Description:

The proposed Redevelopment Project Area is generally described as a contiguous area which generally includes parcels bordered by 63rd Street on the north, Woodward Avenue on the east, Prentiss Creek Apartments to the south and Belmont Road to the west, excluding the lot at the southeast corner of 63rd Street and Belmont Road and a portion of land behind the southernmost existing building in the TIF District.



VILLAGE OF DOWNERS GROVE, IL

Meadowbrook Shopping Center Redevelopment Project Area

Tax Increment Financing District

Eligibility Report and Redevelopment Plan and Project

FINAL REPORT | June 13, 2023



VILLAGE OF DOWNERS GROVE, IL

Meadowbrook Shopping Center Redevelopment Project Area

Tax Increment Financing District

Eligibility Report and Redevelopment Plan and Project

June 13, 2023

SB FRIEDMAN DEVELOPMENT ADVISORS, LLC

70 W. Madison Street, Suite 3700, Chicago, IL 60602

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Contact: Geoff Dickinson

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**VILLAGE OF DOWNERS GROVE, IL
Meadowbrook Shopping Center Redevelopment Project Area
Tax Increment Financing District
Eligibility Report and Redevelopment Plan and Project**

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1. Introduction

The Village of Downers Grove (the "Village") seeks to establish a Tax Increment Financing ("TIF") district to serve as an economic development tool and promote the revitalization of the Meadowbrook Shopping Center. The property owner engaged SB Friedman Development Advisors, LLC ("SB Friedman") in December 2022 to conduct a redevelopment project area or "TIF District" feasibility study and prepare a Redevelopment Plan and Project (the "Redevelopment Plan").

This document serves as the Eligibility Report and Redevelopment Plan (together, the "Report") for the proposed Meadowbrook Shopping Center Redevelopment Project Area ("Meadowbrook RPA" or the "RPA"). **Section 2** of the Report, the Eligibility Report, details the eligibility factors found within the proposed RPA in support of its designation as a "conservation area," within the definitions set forth in the Illinois Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 et seq., as amended (the "Act"). **Section 3** of this Report, the Redevelopment Plan, outlines the comprehensive program to revitalize the proposed RPA, as required by the Act.

Proposed Redevelopment Project Area

The proposed Meadowbrook RPA is located within the Village of Downers Grove in DuPage County (the "County"), as shown on **Map 1**. The proposed Meadowbrook RPA consists of 4 tax parcels (all improved parcels) and 4 buildings. It comprises approximately 23.3 acres of land, of which approximately 18.9 acres are improved and approximately 4.4 acres are right-of-way. The parcels included in the proposed RPA are roughly bounded by Belmont Road to the west, 63rd Street to the north, Woodward Avenue to the east and apartments to the south, as illustrated in **Map 2**. Based upon SB Friedman's research, the proposed RPA currently consists of exclusively commercial land use, as shown in **Map 3**.

Determination of Eligibility

This Report concludes that the proposed Meadowbrook RPA is eligible for designation as a "conservation area," per the Act.

IMPROVED PARCELS: CONSERVATION AREA FINDINGS

For the proposed RPA, SB Friedman's analysis indicated that all primary structures are aged 35 years or older, per information received from the Lisle Township Assessor. This satisfies the requirement that 50% or more of the structures have an age of 35 years or more. Further, the following six (6) eligibility factors were found to be present to a meaningful extent and reasonably distributed throughout the proposed RPA:

1. Obsolescence
2. Deterioration
3. Presence of Structures below Minimum Code Standards
4. Excessive Vacancies
5. Inadequate Utilities; and
6. Lack of Growth in Equalized Assessed Value ("EAV")

These factors are defined under the Act at 65 ILCS 5/11-74.4-3 (a) and (b) and are more fully described in **Appendix 2**.

Based on the age of primary structures in the proposed RPA and the presence of six (6) eligibility factors, the proposed RPA qualifies under a conservation area finding.

SUMMARY OF ELIGIBILITY FINDINGS

SB Friedman found that the proposed RPA qualifies as a “conservation area,” with all primary structures within the proposed RPA at least 35 years of age or older, and six (6) of the thirteen (13) eligibility factors were found to be present to a meaningful extent and reasonably distributed within the proposed RPA.

These conditions hinder the potential to redevelop the proposed RPA and capitalize on its unique attributes. The proposed RPA will benefit from a strategy that addresses aged buildings, deterioration and associated infrastructure issues to facilitate the overall improvement of its physical condition.

Redevelopment Plan Goal, Objectives and Strategy

GOAL. The overall goal of the Redevelopment Plan and Project is to reduce or eliminate conditions that qualify the proposed RPA as a “conservation area,” and to provide the direction and mechanisms necessary to redevelop the proposed RPA as a vibrant commercial district. Redevelopment of the proposed RPA is intended to revitalize the area, strengthen the economic base and enhance the Village’s overall quality of life.

OBJECTIVES. The following five (5) objectives support the overall goal of revitalization of the proposed RPA:

1. Encourage the construction of new commercial development and facilitate the physical improvement and/or rehabilitation of existing structures and façades within the proposed RPA, where appropriate;
2. Foster the replacement, repair, construction and/or improvement of public infrastructure, where needed, to create an environment conducive to private investment;
3. Facilitate the assembly and preparation, including demolition and environmental clean-up where necessary, and marketing of available sites in the proposed RPA for redevelopment and new development by providing resources as allowed by the Act;
4. Support the goals and objectives of other overlapping plans, including the Village of Downers Grove’s Comprehensive Plan Update published in 2017 (the “Comprehensive Plan”) and subsequent plans; and
5. Coordinate available federal, state and local resources to further the goals of this Redevelopment Plan and Project.

STRATEGY. Redevelopment of the proposed RPA is to be achieved through an integrated and comprehensive strategy that leverages public resources to stimulate additional private investment. The underlying strategy is to use TIF, as well as other funding sources, to reinforce and encourage further private investment.

Financial Plan

ELIGIBLE COSTS. The Act outlines several categories of expenditures that can be funded using incremental property taxes. These expenditures, referred to as eligible redevelopment project costs, include all reasonable or necessary costs incurred or estimated to be incurred, and any such costs incidental to this Redevelopment Plan pursuant to the Act.

ESTIMATED REDEVELOPMENT PROJECT COSTS. The estimated eligible redevelopment project costs of this Redevelopment Plan are \$9.5 million. The total of eligible redevelopment project costs provides an upper limit on expenditures that are to be funded using tax increment revenues, exclusive of capitalized interest, issuance costs, interest and other financing costs.

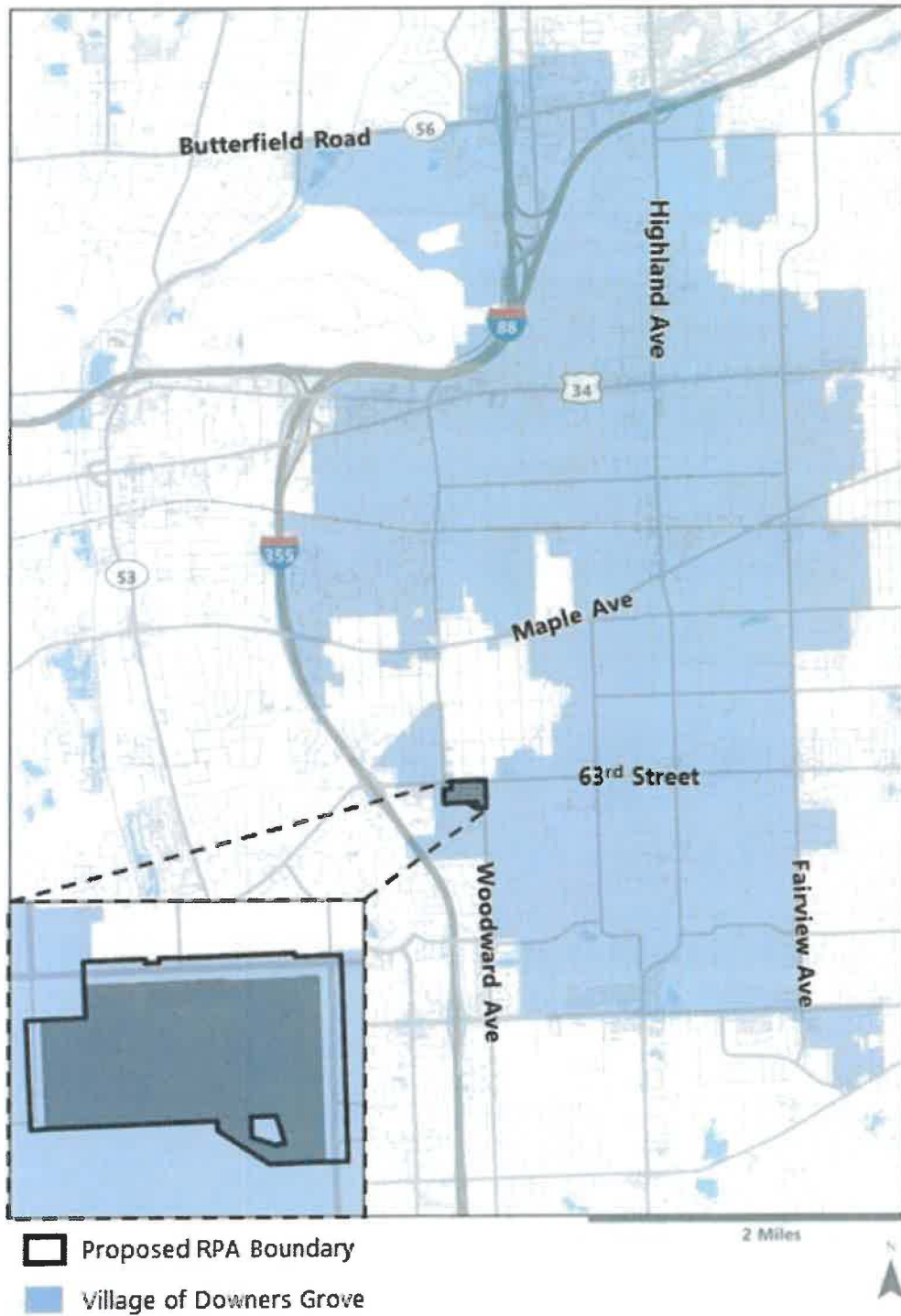
EQUALIZED ASSESSED VALUE OF PROPERTIES IN THE PROPOSED RPA. The 2021 EAV (the most recent year in which assessed values and the equalization factor were available) of all taxable parcels in the proposed RPA is \$2,880,580. By tax year 2046 (collection year 2047), the total taxable EAV for the proposed RPA is anticipated to be approximately \$60 million.

Required Tests and Findings

The required conditions for the adoption of this Redevelopment Plan and Project are found to be present within the proposed Meadowbrook RPA:

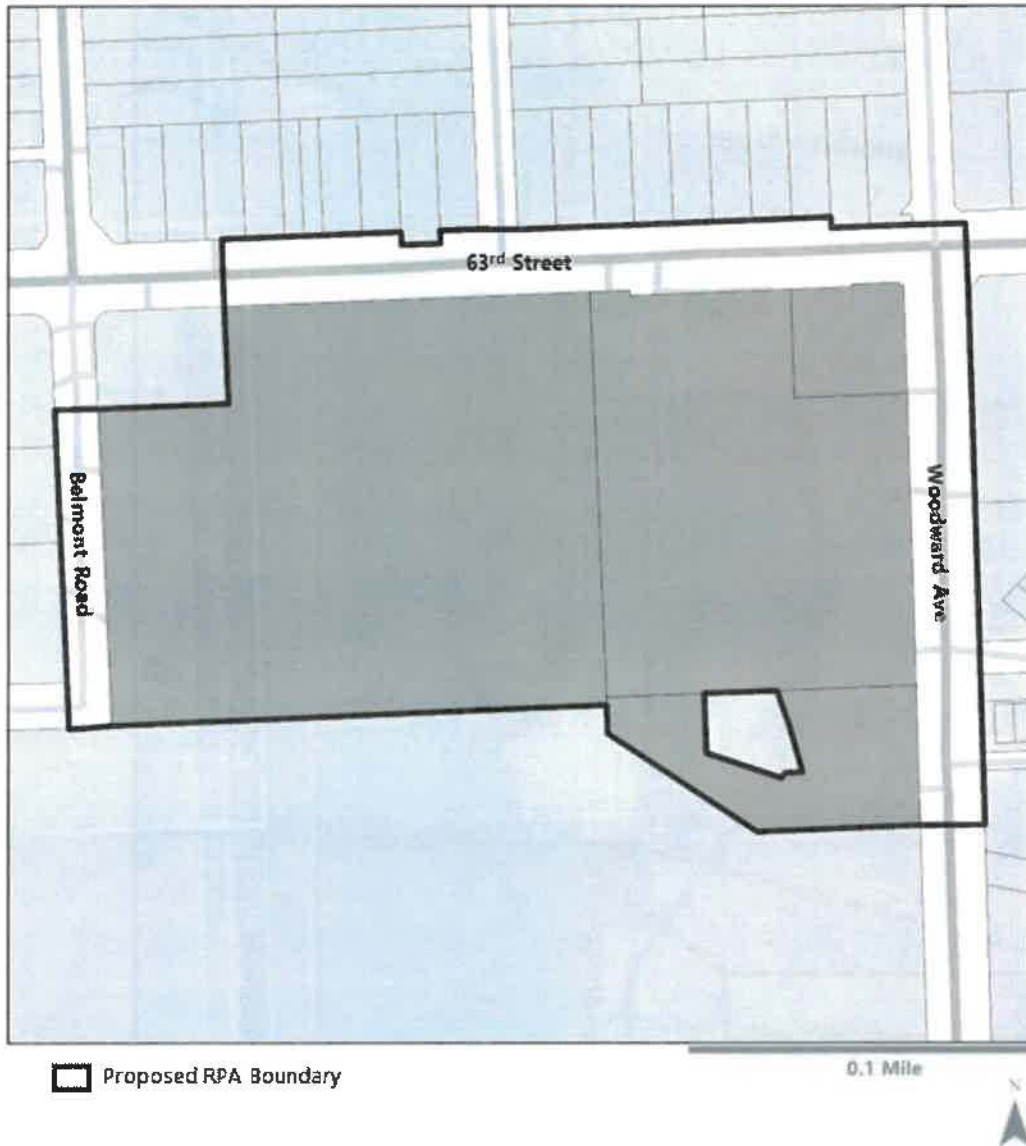
1. The proposed RPA is approximately 23 acres in size and thus satisfies the requirement that it be at least 1.5 acres;
2. Limited private investment has occurred in the proposed Meadowbrook RPA over the last six years;
3. Without the support of public resources, the redevelopment objectives for the proposed RPA would most likely not be realized. Accordingly, “but for” the designation of a TIF district, these projects would be unlikely to occur on their own;
4. The proposed Meadowbrook RPA includes only those contiguous parcels of real property that are expected to benefit substantially from the proposed Redevelopment Plan and Project;
5. The Redevelopment Plan conforms to and proposes land uses that are consistent with the Comprehensive Plan;
6. SB Friedman found no housing units within the proposed RPA. Therefore, a Housing Impact Study is not required under the Act; and
7. The Redevelopment Plan is estimated be completed and all obligations issued to finance redevelopment costs shall be retired, no later than December 31, 2047 if the ordinances establishing the proposed RPA are adopted during 2023.

Map 1: Context



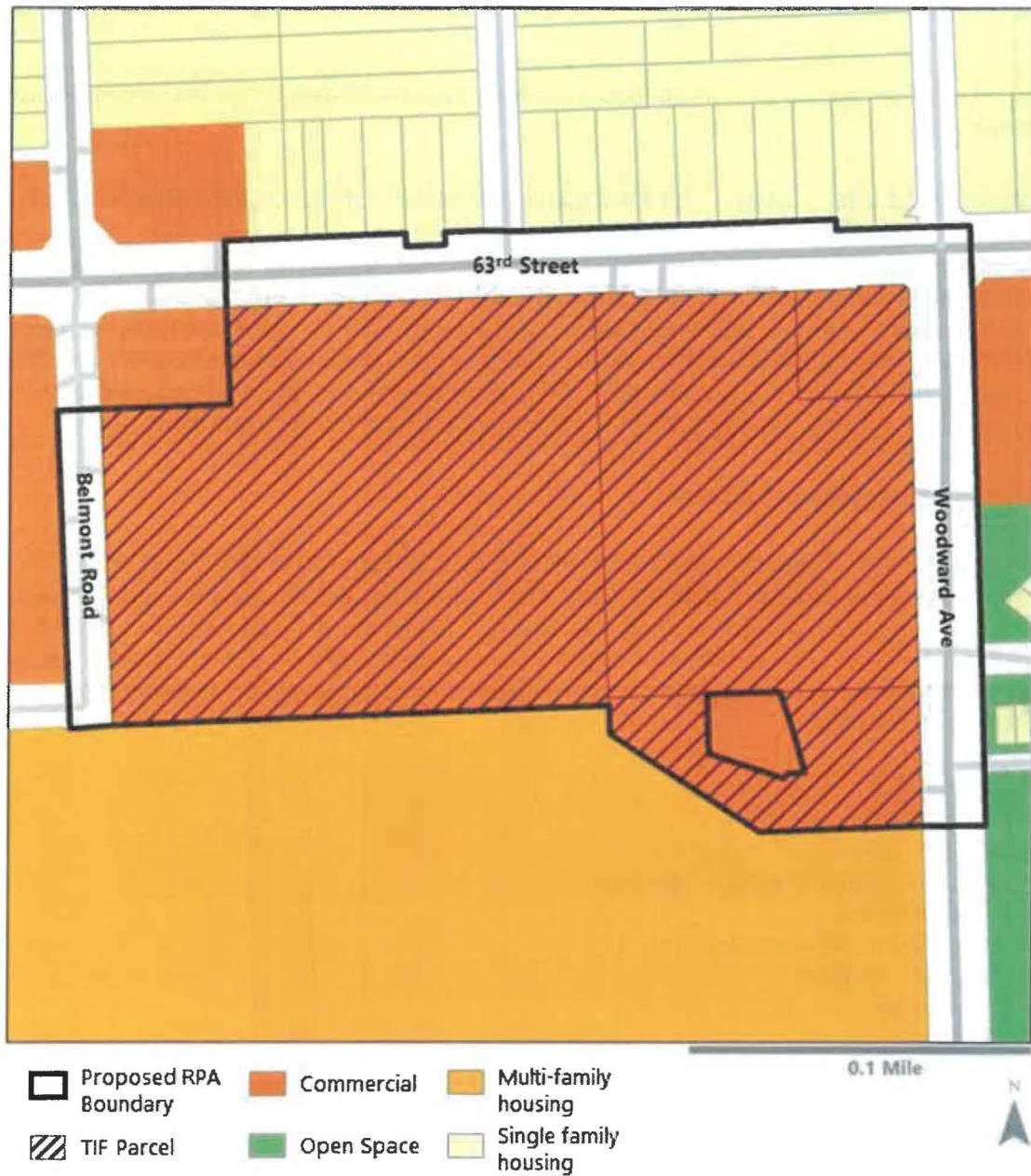
Source: DuPage County, Esri, SB Friedman, Village of Downers Grove

Map 2: Proposed RPA Boundary



Source: DuPage County, Esri, SB Friedman, Village of Downers Grove

Map 3: Existing Land Use



Source: DuPage County, Esri, SB Friedman, Village of Downers Grove

2. Eligibility Report

This report concludes that the proposed Meadowbrook RPA is eligible for designation as a “conservation area,” per the Act.

Provisions of the Illinois Tax Increment Allocation Redevelopment Act

Under the Act, two (2) primary avenues exist to establish eligibility for an area to permit the use of TIF for redevelopment: declaring an area as a “blighted area” and/or a “conservation area.” “Blighted areas” are those improved or vacant areas with blighting influences that are impacting the public safety, health, morals or welfare of the community, and are substantially impairing the growth of the tax base in the area. “Conservation areas” are those improved areas that are deteriorating and declining and may soon become blighted if the deterioration is not abated. A description of the statutory provisions of the Act is provided below.

Factors for Improved Areas

According to the Act, “blighted areas” for improved land must demonstrate at least five (5) of the following eligibility factors, which threaten the health, safety, morals or welfare of the proposed district. “Conservation areas” must have a minimum of 50% of the total structures within the area aged 35 years or older, plus a combination of three (3) or more additional eligibility factors that are detrimental to the public safety, health, morals or welfare, and that could result in such an area becoming a “blighted area.” The following are eligibility factors for improved areas:

- Dilapidation
- Obsolescence
- Deterioration
- Presence of Structures below Minimum Code Standards
- Illegal Use of Individual Structures
- Excessive Vacancies
- Lack of Ventilation, Light or Sanitary Facilities
- Inadequate Utilities
- Excessive Land Coverage and Overcrowding of Structures and Community Facilities
- Deleterious Land Use or Layout
- Environmental Clean-Up
- Lack of Community Planning
- Lack of Growth in EAV

A definition of each factor is provided in **Appendix 2**.

Methodology Overview

SB Friedman conducted the following analyses to determine whether the proposed Meadowbrook RPA is eligible for designation as a “conservation area,” per the Act:

- Parcel-by-parcel field observations and photography documenting external property conditions;
- Review of building age data from the Lisle Township Assessor;
- Review of parcel-level GIS shapefile data provided by the County;
- Review of municipal codes, county codes and building permit records (2017-2023)
- Review of the current and prior comprehensive plans provided by the Village (from 1965 and 2017).

SB Friedman examined all parcels for qualification factors consistent with requirements of the Act. SB Friedman analyzed the presence or absence of each eligibility factor on a building-by-building, parcel-by-parcel basis and/or aggregate basis as applicable. The building and parcel information was then plotted on a map of the proposed RPA to determine which factors were present to a meaningful extent and reasonably distributed throughout the proposed RPA.

Conservation Area Findings: Improved Parcels

Based upon the conditions found within the proposed RPA at the completion of SB Friedman’s research, it has been determined that the land within the proposed RPA meets the eligibility requirements of the Act as a “conservation area”. Of the four primary structures in the proposed RPA, all of the primary structures are 35 years of age or older, as they were constructed before 1986. SB Friedman’s research indicates that the following six (6) factors are present to a meaningful extent and reasonably distributed throughout the proposed RPA:

1. Obsolescence
2. Deterioration
3. Presence of Structures below Minimum Code Standards
4. Excessive Vacancies
5. Inadequate Utilities; and
6. Lack of Growth in Equalized Assessed Value (“EAV”)

Each eligibility factor that is present to a meaningful extent and reasonably distributed throughout the proposed RPA is summarized below

1. OBSOLESCENCE

The Act defines obsolescence as the presence of structures that have become ill-suited for their original use or are in the process of falling into disuse.

Modern commercial buildings in a suburban context are typically oriented to be parallel to and visible from vehicles travelling along a commercial corridor, such as 63rd Street. 16% of commercial storefronts in the

proposed Meadowbrook RPA face away from any road. An additional 42% of storefronts are non-parallel to 63rd Street. Many of these angled storefronts are staggered, exacerbating the visibility challenge.

The orientation of buildings in the proposed RPA results in limited visibility for 58% of the storefronts. This layout is obsolete and contributes to the Meadowbrook Shopping Center falling into disuse, as evidenced by excessive vacancies already present. The condition of obsolescence is found to be meaningfully present and reasonably distributed across the proposed Meadowbrook RPA.

2. DETERIORATION

The Act defines deterioration as defects including, but not limited to, major defects in the secondary building components such as doors, windows, porches, gutters and downspouts, and fascia. With respect to surface improvements, that the condition of roadways, alleys, curbs, gutters, sidewalks, off-street parking and surface storage areas evidence deterioration including but not limited to, surface cracking, crumbling, potholes, depressions, loose paving material and weeds protruding through paved surfaces.

Physical deterioration was observed on all four parcels included in the proposed Meadowbrook RPA. The most common form of deterioration was on surface improvements, including internal streets and parking lots. Catalogued surface improvement deterioration included cracks and potholes in pavement, "alligatoring" of pavement, and crumbling concrete curbs and sidewalks. Documented private building deterioration included water damage, broken gutters and light fixtures, and brick spalling/damage. Deterioration of buildings and surface improvements can make it appear as though the proposed RPA lacks investment and can make it more difficult to attract new businesses or consumers. This factor was found to be meaningfully present and reasonably distributed throughout the proposed RPA.

3. PRESENCE OF STRUCTURES BELOW MINIMUM CODE STANDARDS

Per the Act, structures below minimum code standards are those that do not meet applicable standards of zoning, subdivision, building, fire and other governmental codes. The principal purpose of such codes is to protect the health and safety of the public, including building occupants, pedestrians and occupants of neighboring structures.

All primary structures in the proposed RPA were constructed prior to the adoption of the Village's current building code. The Village utilizes the International Building Code - 2015 edition with some amendments. All buildings in the proposed RPA were constructed between 1970 and 1975. Due to the frequent nature of tenant improvements in commercial stalls, many aspects of the building code may have been upgraded more recently than 1975. However, since the most recent update to the Village's building code, there have been minimal building permits issued related to work on buildings. Consequently, the buildings in the proposed RPA are almost entirely not up to the current building code.

Meadowbrook Shopping Center was developed decades prior to current stormwater ordinances, most recently amended by the County in 2022 and the Village in 2019. Ownership has indicated that there are no stormwater management systems on-site to address runoff water quality or quantity, aside from underground sewer pipes. Thus, the proposed RPA does not conform with current stormwater codes.

Note: although development within the proposed RPA predates current codes and standards of the Village, the center may not be in direct violation of any ordinances, as they may have been “grandfathered in” or received a sufficient level of upgrades and improvements since being constructed.

The presence of structures below minimum code standards, and the cost to upgrade “grandfathered” structures to meet current codes may also reduce the overall competitiveness and economic viability of the proposed RPA. Based on information provided by the property owner, Village and County, this factor is present to a meaningful extent and is reasonably distributed throughout the proposed RPA.

4. EXCESSIVE VACANCIES

The Act defines excessive vacancies as the presence of buildings that are unoccupied or under-utilized and represent an adverse influence on the area because of the frequency, extent or duration of the vacancies.

The vacancy rate within the proposed RPA is approximately 40%. Within a 15-minute drive radius, numerous shopping centers of comparable size and age currently are significantly outperforming the proposed RPA’s vacancy rate. These shopping centers experience vacancy rates of 6% on average, with some achieving rates below 3%, as reported by CoStar.

Excessive vacancies were found to be meaningfully present within the proposed Meadowbrook RPA. The extent of vacancies within the proposed Meadowbrook RPA is significantly higher than shopping centers of similar size and context nearby. Thus, we find that extent of building vacancy within the proposed RPA represents an adverse influence on the area and we conclude that this eligibility factor is present to a meaningful extent for the proposed RPA.

5. INADEQUATE UTILITIES

The Act defines inadequate utilities as underground and overhead utilities, such as storm sewers and storm drainage, sanitary sewers, water lines, and gas, telephone, and electrical services, which are:

1. Of insufficient capacity to serve the uses in the RPA;
2. Deteriorated, antiquated, obsolete or in disrepair; or
3. Lacking within the redevelopment project area.

The Village’s current stormwater code was most recently updated in 2019. The DuPage County stormwater ordinance was most recently updated in 2022. The buildings in the proposed RPA were constructed between 1970 and 1975 and, as discussed above, do not satisfy the current standards of stormwater management. Ownership has indicated that there are no stormwater management systems on-site to address stormwater runoff volume or water quality, excepting underground sewer pipes. Thus, the proposed RPA is out of compliance with current stormwater and drainage standards.

Based on the absence of any significant stormwater management infrastructure, the inadequate utilities factor was assessed areawide and found to be present to a meaningful extent and reasonably distributed throughout the proposed RPA.

6. LACK OF GROWTH IN EAV

The Act defines lack of growth in EAV as having the total EAV of the improved portion of the proposed RPA under evaluation either declined for at least three (3) of the last five (5) year-to-year periods; or increased at an annual rate that was less than the balance of the Village of Downers Grove for at least three (3) of the past five (5) year-to-year periods; or increased at an annual rate that was less than the Consumer Price Index for at least three (3) of the past (5) year-to-year periods. A full definition is provided in **Appendix 2**.

SB Friedman tabulated the EAV history of all improved parcels in the proposed RPA for the previous six years (five year-to-year periods) using data provided by the Lisle Township Assessor and DuPage County Clerk. The most recent year for which final information was available was 2021. SB Friedman’s analysis identified a lack of EAV growth within the improved portion of the proposed RPA in accordance with the following criteria, as defined in the Act:

1. The EAV growth rate of the proposed vacant RPA parcels has been less than the growth rate of the balance of the Village of Downers Grove for four (4) of the last five (5) year-to-year periods; and
2. The EAV growth rate of the proposed vacant RPA parcels has been less than the growth rate of the Consumer Price Index for four (4) of the last five (5) year-to-year periods.

This eligibility factor is present to a meaningful extent and assessed area-wide throughout the proposed Meadowbrook RPA. A summary of SB Friedman’s findings is presented in **Table 1**.

Table 1: Annual Percentage Change in EAV, 2016-2021

	2016	2017	2018	2019	2020	2021
Village of Downers Grove EAV Less Proposed RPA Parcels	\$2.3 B	\$2.4 B	\$2.6 B	\$2.6 B	\$2.7 B	\$2.9 B
Change in Village of Downers Grove EAV Less Proposed RPA Parcels	---	5.5%	4.7%	3.4%	4.7%	4.8%
Change in Proposed RPA Parcels EAV	---	0.0%	-3.7%	-10.1%	0.0%	32.3%
Proposed RPA Parcels - Growth Less Than Village	---	YES	YES	YES	YES	NO
Change in CPI [1]	---	1.9%	1.8%	1.5%	1.1%	4.2%
Proposed RPA Parcels - Growth Less Than CPI	---	YES	YES	YES	YES	NO

[1] Consumer Price Index for all urban consumers and all items, in the Chicago-Gary-Kenosha area, not seasonally adjusted.
 Source: Lisle Township Assessor; DuPage County Clerk, SB Friedman; U.S. Bureau of Labor Statistics CPI data for Chicago-Gary-Kenosha, IL-IN-WI metropolitan area

Summary of Findings

SB Friedman has found that the proposed RPA qualifies to be designated as a “conservation area,” with all of the structures within the proposed RPA at least 35 years of age or older, and six (6) of the thirteen (13) eligibility factors present to a meaningful extent and reasonably distributed within the proposed RPA.

3. Redevelopment Plan and Project

This document describes the comprehensive redevelopment program proposed to be undertaken by the Village to create an environment in which private investment can reasonably occur. The redevelopment program will be implemented over the 23-year life of the proposed RPA. If a redevelopment project is successful, various new projects will be undertaken that will assist in improving conditions and promoting rehabilitation and development in the proposed RPA.

Redevelopment Needs of the Proposed RPA

Currently, the proposed RPA is comprised of aging buildings that are characterized by deterioration, a failure to meet current code standards and lack of growth in EAV. These conditions reduce the value of the properties in the area and, overall, make the proposed RPA less competitive with property in other communities, thus limiting local area employment and development opportunities, and contributing to the lack of new investment in the proposed RPA.

The existing conditions for the proposed RPA suggest five (5) major redevelopment needs:

1. Capital improvements that further the objectives set forth in this Redevelopment Plan;
2. Site preparation, environmental remediation and stormwater management;
3. Redevelopment of underutilized land;
4. Rehabilitation of existing buildings; and
5. Resources for industrial, office, public/private institutional, community facility, park/open space and utility development.

The goals, objectives and strategies discussed below have been developed to address these needs and facilitate the sustainable redevelopment of the proposed RPA.

GOAL, OBJECTIVES AND STRATEGY

GOAL. The overall goal of the Redevelopment Plan and Project is to reduce or eliminate conditions that qualify the proposed RPA as a "conservation area," and to provide the direction and mechanisms necessary to redevelop the proposed RPA as a vibrant commercial district. Redevelopment of the proposed RPA is intended to revitalize the area, strengthen the economic base and enhance the Village's overall quality of life.

OBJECTIVES. The following five (5) objectives support the overall goal of revitalization of the proposed RPA:

1. Encourage the construction of new commercial development and facilitate the physical improvement and/or rehabilitation of existing structures and façades within the proposed RPA, where appropriate;
2. Foster the replacement, repair, construction and/or improvement of public infrastructure, where needed, to create an environment conducive to private investment;

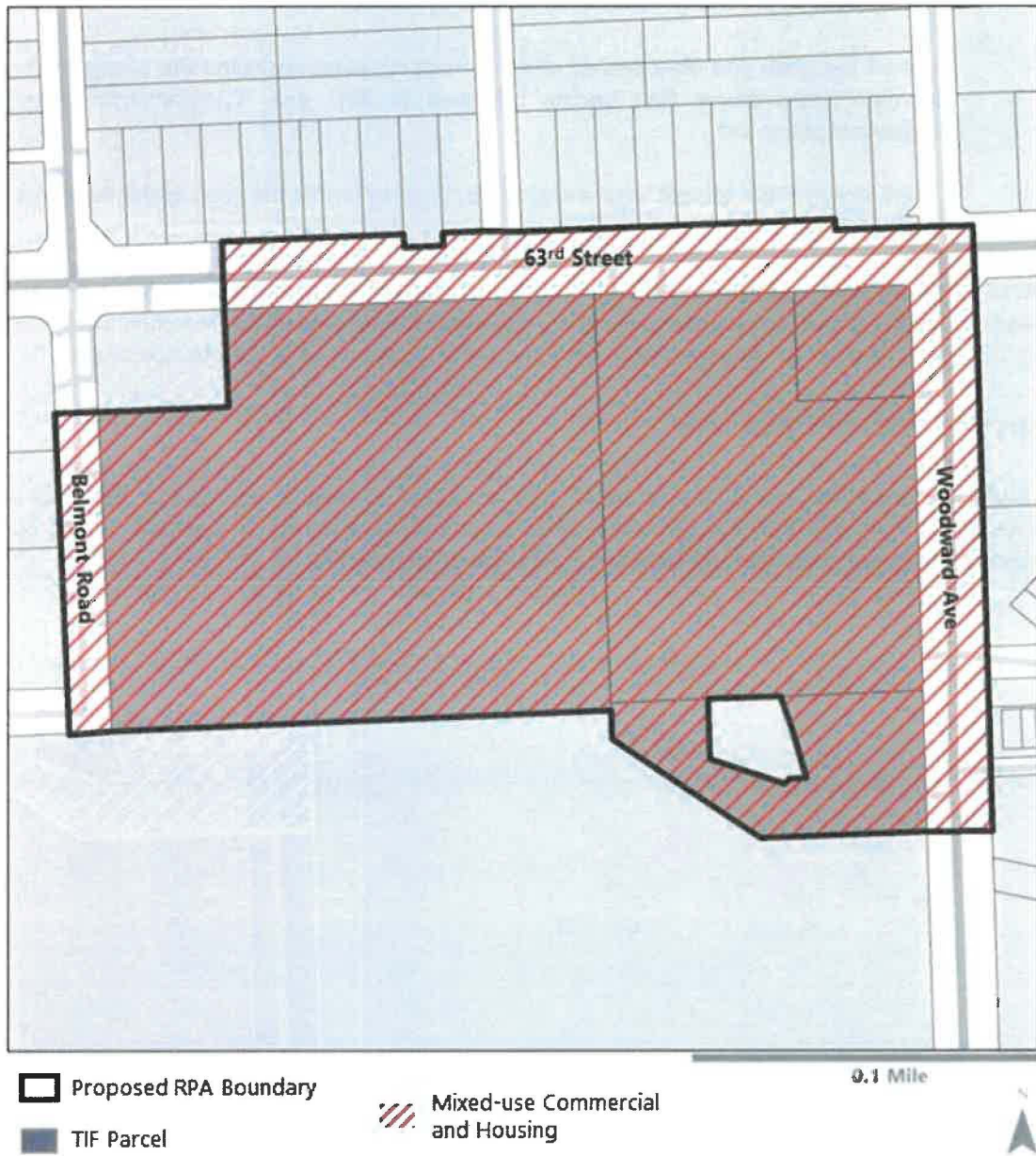
3. Facilitate the assembly and preparation, including demolition and environmental clean-up, where necessary, and marketing of available sites in the proposed RPA for redevelopment and new development by providing resources as allowed by the Act;
4. Support the goals and objectives of other overlapping plans, including the Village of Downers Grove’s Comprehensive Plan Update published in 2017 (the “Comprehensive Plan”) and subsequent plans; and
5. Coordinate available federal, state and local resources to further the goals of this Redevelopment Plan and Project.

STRATEGY. Redevelopment of the proposed RPA is to be achieved through an integrated and comprehensive strategy that leverages public resources to stimulate additional private investment. The underlying strategy is to use TIF, as well as other funding sources, to reinforce and encourage further private investment.

Proposed Future Land Use

The proposed future land use of the proposed RPA, as shown in **Map 4**, reflects the objectives of this Redevelopment Plan. The RPA has historically been a commercial area. Future uses will remain open to commercial and housing solutions, as identified in the Comprehensive Plan.

Map 4: Proposed Future Land Use



Source: DuPage County, Esri, SB Friedman, Village of Downers Grove

Financial Plan

ELIGIBLE COSTS

The Act outlines several categories of expenditures that can be funded using tax increment revenues. These expenditures, referred to as eligible redevelopment project costs, include all reasonable or necessary costs incurred or estimated to be incurred, and any such costs incidental to this Redevelopment Plan pursuant to the Act. The Village may also reimburse private entities for certain costs incurred in the development and/or redevelopment process. Such costs may include, without limitation, the following:

1. Costs of studies, surveys, development of plans and specifications, and implementation and administration of the Redevelopment Plan including, but not limited to, staff and professional service costs for architectural, engineering, legal, financial, planning or other services (excluding lobbying expenses), provided that no charges for professional services are based on a percentage of the tax increment collected, as more fully set forth in 65 ILCS 5/11-74.4-3(q)(1).
2. The costs of marketing sites within the RPA to prospective businesses, developers and investors.
3. Property assembly costs, including but not limited to, acquisition of land and other property, real or personal, or rights or interests therein, demolition of buildings, site preparation, site improvements that serve as an engineered barrier addressing ground-level or below-ground environmental contamination, including, but not limited to parking lots and other concrete or asphalt barriers, and the clearing and grading of land as more fully set forth in 65 ILCS 5/11-74.4-3(q)(2).
4. Costs of rehabilitation, reconstruction, or repair or remodeling of existing public or private buildings, fixtures and leasehold improvements, as more fully set forth in 65 ILCS 5/11-74.4-3(q)(3); and the costs of replacing an existing public building if pursuant to the implementation of a redevelopment project, the existing public building is to be demolished to use the site for private investment or devoted to a different use requiring private investment.
5. Costs of the construction of public works or improvements, subject to the limitations in Section 11-74.4-3(q)(4) of the Act.
6. Costs of job training and retraining projects, including the costs of "welfare to work" programs implemented by businesses located within the RPA, as more fully set forth in 65 ILCS 5/11-74.4-3(q)(5).
7. Financing costs, including but not limited to all necessary and incidental expenses related to the issuance of obligations and which may include payment of interest on any obligations issued hereunder including interest accruing during the estimated period of construction of any redevelopment project for which such obligations are issued and for not exceeding 36 months thereafter and including reasonable reserves related thereto.
8. To the extent the municipality by written agreement accepts and approves the same, all or a portion of a taxing district's capital costs resulting from the redevelopment project necessarily incurred or to be incurred within a taxing district in furtherance of the objectives of this Redevelopment Plan.

9. An elementary, secondary or unit school district's increased per pupil tuition costs attributable to net new pupils added to the district living in assisted housing units will be reimbursed, as further defined in the Act.
10. A library district's increased per patron costs attributable to net new persons eligible to obtain a library card living in assisted housing units, as further defined in the Act.
11. Relocation costs to the extent that the municipality determines that relocation costs shall be paid or is required to make payment of relocation costs by federal or state law, or by Section 11-74.4-3(n)(7) of the Act.
12. Payment in lieu of taxes, as defined in the Act.
13. Costs of job training, retraining, advanced vocational education or career education, including, but not limited to, courses in occupational, semi-technical or technical fields leading directly to employment, incurred by one or more taxing districts, as more fully set forth in 65 ILCS 5/11-74.4-3(q)(10).
14. Interest costs incurred by a developer, as more fully set forth in 65 ILCS 5/11-74.4-3(q)(11), related to the construction, renovation or rehabilitation of a redevelopment project provided that:
 - a. Such costs are to be paid directly from the special tax allocation fund established, pursuant to the Act;
 - b. Such payments in any one year may not exceed thirty percent (30%) of the annual interest costs incurred by the developer with regard to the development project during that year;
 - c. If there are not sufficient funds available in the special tax allocation fund to make the payment pursuant to this provision, then the amounts so due shall accrue and be payable when sufficient funds are available in the special tax allocation fund;
 - d. The total of such interest payments paid, pursuant to the Act, may not exceed thirty percent (30%) of the total of: (i) cost paid or incurred by the developer for the redevelopment project; and (ii) redevelopment project costs excluding any property assembly costs and any relocation costs incurred by the municipality, pursuant to the Act;
 - e. For the financing of rehabilitated or new housing for low-income households and very low-income households, as defined in Section 3 of the Illinois Affordable Housing Act, the percentage of seventy-five percent (75%) shall be substituted for thirty percent (30%) in subparagraphs 14b and 14d above; and
 - f. Instead of the interest costs described above in paragraphs 14b and 14d, a municipality may pay from tax incremental revenues up to fifty percent (50%) of the cost of construction, renovation and rehabilitation of new housing units (for ownership or rental) to be occupied by low-income households and very low-income households, as defined in Section 3 of the Illinois Affordable Housing Act, as more fully described in the Act. If the units are part of a residential redevelopment project that includes units not affordable to low- and very low-

income households, only the low- and very low-income units shall be eligible for this benefit under the Act.

Unless explicitly provided in the Act, the cost of construction of new privately-owned buildings shall not be an eligible redevelopment project cost.

If a Special Service Area is established pursuant to the Special Service Area Tax Act, 35 ILCS 235/0.01 et seq., then any tax increment revenues derived from the tax imposed pursuant to the Special Service Area Tax Act may be used within the RPA for the purposes permitted by the Special Service Area Tax Act as well as the purposes permitted by the Act.

ESTIMATED REDEVELOPMENT PROJECT COSTS

The total eligible redevelopment project costs define an upper expenditure limit that may be funded using tax increment revenues, exclusive of capitalized interest, issuance costs, interest, and other financing costs. The totals of line items are not intended to place a limit on the described expenditures. Adjustments to the estimated line-item costs are expected and may be made by the Village without amendment to this Redevelopment Plan, either increasing or decreasing line-item costs because of changed redevelopment costs and needs. Each individual project cost will be re-evaluated in light of projected private development and resulting incremental tax revenues as it is considered for public financing under the provisions of the Act. The estimated eligible costs of this Redevelopment Plan are shown in **Table 2**.

Additional funding in the form of state and federal grants, private developer contributions, and other outside sources may be pursued by the Village as a means of financing improvements and facilities within the proposed RPA.

Table 2: Estimated TIF-Eligible Redevelopment Project Costs

Eligible Expense [1]	Estimated Project Costs
Administration and Professional Service Costs	\$1,090,000
Site Marketing Costs	\$20,000
Property Assembly and Site Preparation Costs	\$250,000
Building Rehabilitation Costs	\$7,000,000
Construction of Public Works or Improvements Costs	\$830,000
Job Training or Retraining (Businesses) Costs	\$10,000
Financing Costs	\$50,000
Taxing District Capital Costs	\$30,000
Relocation Costs	\$10,000
Interest Costs (Developer or Property Owner)	\$210,000
TOTAL REDEVELOPMENT PROJECT COSTS [2] [3] [4]	\$9,500,000

[1] Described in more detail in Eligible Costs Section.

[2] Total Redevelopment Project Costs exclude any additional financing costs, including any interest expense, capitalized interest, costs of issuance, and costs associated with optional redemptions. These costs are subject to prevailing market conditions and are in addition to Total Redevelopment Project Costs.

[3] The amount of the Total Redevelopment Project Costs that can be incurred in the proposed RPA may be reduced by the amount of redevelopment project costs incurred in contiguous RPAs, or those separated from the proposed RPA only by a public right-of-way, that are permitted under the Act to be paid, and are paid, from incremental property taxes generated in the proposed

RPA, but may not be reduced by the amount of redevelopment project costs incurred in the proposed RPA that are paid from incremental property taxes generated in contiguous RPAs or those separated from the proposed RPA only by a public right-of-way.

[4] All costs are in 2023 dollars and may be increased by 5% after adjusting for annual inflation reflected in the Consumer Price Index (CPI), published by the U.S. Department of Labor. In addition to the above stated costs, each issue of obligations issued to finance a phase of the Redevelopment Plan and Project may include an amount of proceeds sufficient to pay customary and reasonable charges associated with the issuance of such obligations, including interest costs.

PHASING, SCHEDULING OF THE REDEVELOPMENT, AND ESTIMATED DATES OF COMPLETION

Each private project within the proposed RPA receiving TIF benefits shall be governed by the terms of a written redevelopment agreement entered into by a designated developer and the Village of Downers Grove. This Redevelopment Plan is estimated to be completed, and all obligations issued to finance redevelopment costs are estimated to be retired, no later than December 31 of the year in which the payment to the Village Finance Director provided in the Act is to be made with respect to ad valorem taxes levied in the twenty-third calendar year following the year in which the ordinance approving this proposed RPA is adopted. This Redevelopment Plan is estimated to be completed, and all obligations issued to finance redevelopment costs shall be retired no later than December 31, 2047 if the ordinances establishing the proposed RPA are adopted during 2023.

SOURCES OF FUNDS TO PAY COSTS

Funds necessary to pay for redevelopment project costs and/or municipal obligations, which may be issued or incurred to pay for such costs, are to be derived principally from tax increment revenues and/or proceeds from municipal obligations, which have tax increment revenue as a repayment source. To secure the issuance of these obligations and the developer's performance of redevelopment agreement obligations, the Village may require the utilization of guarantees, deposits, reserves, and/or other forms of security made available by private sector developers. The Village may incur redevelopment project costs that are paid from the funds of the Village other than incremental taxes, and the Village then may be reimbursed for such costs from incremental taxes.

The tax increment revenue, which will be used to fund tax increment obligations and eligible redevelopment project costs, shall be the incremental real property tax revenues. Incremental real property tax revenue is attributable to the increase of the current EAV of each taxable lot, block, tract or parcel of real property in the proposed RPA over and above the certified initial EAV of each such property.

Other sources of funds, which may be used to pay for development costs and associated obligations issued or incurred, include land disposition proceeds, state and federal grants, investment income, private investor and financial institution funds, and other sources of funds and revenues as the municipality and developer from time to time may deem appropriate.

The proposed RPA may be or become contiguous to, or be separated only by a public right-of-way from, other redevelopment areas created under the Act (65 ILCS 5/11 74.4 4 et. seq.). The Village may utilize net incremental property tax revenues received from the proposed RPA to pay eligible redevelopment project costs, or obligations issued to pay such costs, in other contiguous redevelopment project areas, or those separated only by a public right-of-way, and vice versa. The amount of revenue from the proposed RPA made available to support such contiguous redevelopment project areas, or those separated only by a public right-of-way, when

added to all amounts used to pay eligible redevelopment project costs within the proposed RPA, shall not at any time exceed the Total Redevelopment Project Costs described in **Table 2** of this Redevelopment Plan.

ISSUANCE OF OBLIGATIONS

All obligations issued by the Village pursuant to this Redevelopment Plan and the Act shall be retired within the timeframe described under “Phasing, Scheduling of the Redevelopment, and Estimated Dates of Completion” above. Also, the final maturity date of any such obligations that are issued may not be later than 20 years from their respective dates of issue. One or more of a series of obligations may be sold at one or more times to implement this Redevelopment Plan. The amounts payable in any year as principal and interest on all obligations issued by the Village shall not exceed the amounts available from tax increment revenues, or other sources of funds, if any, as may be provided by ordinance. Obligations may be of parity or senior/junior lien nature. Obligations issued may be serial or term maturities, and may or may not be subject to mandatory, sinking fund or optional redemptions.

In addition to paying redevelopment project costs, tax increment revenues may be used for the scheduled and/or early retirement of obligations, and for reserves and bond sinking funds.

MOST RECENT EQUALIZED ASSESSED VALUE OF PROPERTIES IN THE PROPOSED RPA

The purpose of identifying the most recent EAV of the proposed RPA is to provide an estimate of the initial EAV for the purpose of annually calculating the incremental EAV and incremental property taxes of the proposed RPA. The 2021 EAV (the most recent year in which final assessed values and equalization factor were available) of all taxable parcels in the proposed RPA is \$2,880,580. This total EAV amount by property index number (“PIN”) is summarized in **Appendix 4**. The EAV is subject to verification by the DuPage County Clerk. After verification, the final figure shall be certified by the DuPage County Clerk and shall become the “Certified Initial EAV” from which all incremental property taxes in the proposed RPA will be calculated by the County.

ANTICIPATED EQUALIZED ASSESSED VALUE

By tax year 2046 (collection year 2047), the total taxable EAV for the proposed RPA is anticipated to be approximately \$60 million.

Impact of the Redevelopment Project

This Redevelopment Plan is expected to have short- and long-term financial impacts on the affected taxing districts. During the period when TIF is utilized, real estate tax increment revenues from the increases in EAV over and above the Certified Initial EAV (established at the time of adoption of the TIF establishment ordinances) may be used to pay eligible redevelopment project costs for the proposed RPA. To the extent that real property tax increment is not required for such purposes, revenues shall be declared surplus and become available for distribution annually to area taxing districts in the manner provided by the Act. At the time when the proposed RPA is no longer in place under the Act, the real estate tax revenues resulting from the redevelopment of the proposed RPA will be distributed to all taxing district levying taxes against property located in the proposed RPA. These revenues will then be available for use by the affected taxing districts.

DEMAND ON TAXING DISTRICT SERVICES AND PROGRAMS TO ADDRESS FINANCIAL AND SERVICE IMPACT

In 1994, the Act was amended to require an assessment of any financial impact of a redevelopment project area on, or any increased demand for service from, any taxing district affected by the redevelopment plan, and a description of any program to address such financial impacts or increased demand.

Replacement of vacant and underutilized buildings and sites with active and more intensive uses may result in additional demands on services and facilities provided by the districts. Given the preliminary nature of this Redevelopment Plan, specific fiscal impacts on the taxing districts and increases in demand for services provided by those districts cannot accurately be assessed within the scope of this Plan. At this time, no special programs are proposed for these taxing districts. The Village intends to monitor development in the area and should demand increase, the Village intends to work with the affected taxing districts to determine what, if any, program is necessary to provide adequate services.

The following taxing districts presently levy taxes on properties within the proposed RPA:

- County of DuPage
- DuPage County Health Department
- DuPage Forest Preservation District
- DuPage Airport Authority District
- DuPage Water Commission
- Lisle Township
- Lisle Township Road District
- Village of Downers Grove
- Village of Downers Grove Fire
- Village of Downers Grove Library
- Downers Grove Park
- Grade School District 68
- High School District 99
- College of DuPage District 502
- Downers Grove Sanitation District

Required Tests and Findings

As a part of establishing the proposed RPA the following additional findings must be made:

FINDING 1: LACK OF GROWTH AND DEVELOPMENT THROUGH PRIVATE INVESTMENT

The Village is required to evaluate whether the proposed RPA has been subject to growth and development through private investment and must substantiate a finding of lack of such investment. Limited private investment has occurred in the proposed Meadowbrook RPA during the past six years (2017-2023 Year-to-Date), as demonstrated by the following:

LIMITED CONSTRUCTION-RELATED PERMIT ACTIVITY. Building permit data provided by the County indicates that there has been about \$2.6 million in investment in the proposed RPA over the past 6 years from 2017 to 2023. However, this investment has been insufficient to substantially

decrease vacancies, which persist. Nearly three-quarters of that investment was made to upgrade a single commercial stall for occupancy, leaving most stalls untouched. Of the remaining permits, most were associated with utilities, parking or signage improvements. While crucial to the operation of the center, these changes are typically not material to customers and do little to improve the aesthetic of Meadowbrook in the eyes of consumers.

While Meadowbrook has received some investment in recent years, it is neither consistent, sustained nor distributed; yet the conditions which contribute to its deterioration continue to manifest. Thus, the proposed RPA has not been subject to growth and development through investment by private enterprise.

Finding: The proposed RPA on the whole has not been subject to growth and development through investment by private enterprise.

FINDING 2: “BUT FOR...” REQUIREMENT

The Village is required to find that the proposed Meadowbrook RPA would not reasonably be anticipated to be developed without the adoption of this Redevelopment Plan.

Without the support of public resources, the redevelopment objectives for the proposed RPA would most likely not be realized. The investments required to update and maintain buildings exhibiting deterioration, excessive vacancies, and that are below minimum code throughout the proposed Meadowbrook RPA are extensive and costly, and the private market, on its own, has shown little ability to absorb all these costs. Investments made have been minor or tenant specific improvements. These sorts of investments are not likely to result in the kind of holistic redevelopment that will reach the goals outlined in the Village’s Comprehensive Plan. Public resources to assist with public improvements and project-specific development costs are essential to leverage private investment and facilitate area-wide redevelopment.

Finding: But for the adoption of this Redevelopment Plan, critical resources will be lacking to support the redevelopment of the proposed RPA, and the proposed RPA would not reasonably be anticipated to be developed.

FINDING 3: CONTIGUITY

No RPA can be designated unless a plan and project are approved prior to the designation of the area; and the area can only include those contiguous parcels that are to be substantially benefited by the proposed redevelopment project improvements.

Finding: The proposed RPA includes only those contiguous parcels of real property that are expected to benefit substantially from the proposed Redevelopment Plan and Project.

FINDING 4: CONFORMANCE TO THE PLANS OF THE VILLAGE

The Redevelopment Plan and Project must conform to the comprehensive plan for the development of the municipality as a whole.

The Comprehensive Plan identifies the proposed RPA as a commercial node in the Village along the well-travelled 63rd Street corridor. Meadowbrook Shopping Center was specifically called-out as a key focus area, in need of investment or redevelopment. Potential solutions included permitting of housing construction in the area or commercial redevelopment. Both solutions emphasized the importance of outlot development along 63rd Street and aesthetic/landscaping improvements throughout. All aspects of this Redevelopment Plan are in agreement with, but subservient to, plans made in the Village’s Comprehensive Plan.

Finding: The Redevelopment Plan conforms to and proposes land uses that are consistent with the Comprehensive Plan.

FINDING 5: HOUSING IMPACT AND RELATED MATTERS

As set forth in the Act, if a redevelopment plan for a redevelopment project area would result in the displacement of residents from 10 or more inhabited residential units, or if the redevelopment project area contains 75 or more inhabited residential units and a municipality is unable to certify that no displacement will occur, the municipality must prepare a housing impact study.

Finding: SB Friedman found no housing units within the proposed RPA. Therefore, a Housing Impact Study is not required under the Act.

FINDING 6: ESTIMATED DATES OF COMPLETION

As set forth in the Act, the redevelopment plan must establish the estimated dates of completion of the redevelopment project and retirement of obligations issued to finance redevelopment project costs.

Finding: The estimated dates of completion of the project and retirement of obligations are described in “Phasing and Scheduling of the Redevelopment” above. This Redevelopment Plan is estimated to be completed, and all obligations issued to finance redevelopment costs shall be retired no later than December 31, 2047, if the ordinances establishing the proposed RPA are adopted during 2023.

Provisions for Amending Action Plan

This Redevelopment Plan and Project document may be amended pursuant to the provisions of the Act.

Commitment to Fair Employment Practices and an Affirmative Action Plan

The Village of Downers Grove is an equal opportunity employer. As part of this Redevelopment Project and Plan, the Village will assure equal opportunity in all personnel and employment actions with respect to this Redevelopment Plan and Project. However, the Village may implement programs aimed at assisting small businesses and developers that may not be subject to these requirements.

The assurance of equal opportunity in all personnel and employment actions with respect to this Redevelopment Plan and Project, including, but not limited to, hiring, training, transfer, promotion, discipline, fringe benefits, salary, employment working conditions, terminations, etc. without regard to race, color, religion, sex, age, disability, national origin, sexual orientation, ancestry, marital status, parental status, military discharge status, source of income or housing status.

Appendix 1: Limitations of the Eligibility Report and Consultant Responsibilities

The Eligibility Report covers events and conditions that were determined to support the designation of the proposed Redevelopment Project Area (“RPA” or “TIF District”) as a “conservation area” under the Act at the completion of our field research in February 2023 and not thereafter. These events or conditions include, without limitation, governmental actions and additional developments.

This Eligibility Report, Redevelopment Plan and Project (the “Report”) summarizes the analysis and findings of the consultant’s work, which, unless otherwise noted, is solely the responsibility of SB Friedman. The Village is entitled to rely on the findings and conclusions of the Report in designating the proposed RPA as a redevelopment project area under the Act. SB Friedman has prepared the Report with the understanding that the Village would rely: (1) on the findings and conclusions of this Redevelopment Plan in proceeding with the designation of RPA and the adoption and implementation of this Redevelopment Plan; and (2) on the fact that SB Friedman has obtained the necessary information including, without limitation, information relating to the equalized assessed value of parcels comprising the proposed RPA, so that the Report will comply with the Act and that the proposed RPA can be designated as a redevelopment project area in compliance with the Act.

The Report is based on estimates, assumptions, and other information developed from research of the market, knowledge of the industry, and meetings during which we obtained certain information. The sources of information and bases of the estimates and assumptions are stated in the Report. Some assumptions inevitably will not materialize, and unanticipated events and circumstances may occur. Therefore, actual results achieved will necessarily vary from those described in our Report, and the variations may be material.

The terms of this engagement are such that we have no obligation to revise the Report to reflect events or conditions which occur subsequent to the date of the Report. These events or conditions include, without limitation, economic growth trends, governmental actions, additional competitive developments, interest rates, and other market factors. However, we will be available to discuss the necessity for revision in view of changes in economic or market factors.

Preliminary Tax Increment Financing (TIF) projections were prepared for the purpose of estimating the approximate level of increment that could be generated by proposed projects and other properties within the proposed TIF District boundary and from inflationary increases in value. These projections were intended to provide an estimate of the final equalized assessed value (EAV) of the proposed TIF District.

As such, our report and the preliminary projections prepared under this engagement are intended solely for the Village’s information, for the purpose of establishing a TIF District. These projections should not be relied upon for purposes of evaluating potential debt obligations or by any other person, firm or corporation, or for any other purposes. Neither the Report nor its contents, nor any reference to our Firm, may be included or quoted in any offering circular or registration statement, appraisal, sales brochure, prospectus, loan, or other agreement or document intended for use in obtaining funds from individual investors, without prior written consent.

Appendix 2: Glossary

Factors for Improved Land

Dilapidation. An advanced state of disrepair or neglect of necessary repairs to the primary structural components of buildings or improvements in such a combination that a documented building condition analysis determines that major repair is required or the defects are so serious and so extensive that the buildings must be removed.

Obsolescence. The condition or process of falling into disuse. Structures have become ill-suited for the original use.

Deterioration. With respect to buildings, defects including but not limited to, major defects in the secondary building components such as doors, windows, porches, gutters and downspouts, and fascia. With respect to surface improvements, that the condition of roadways, alleys, curbs, gutters, sidewalks, off-street parking, and surface storage areas evidence deterioration including but not limited to, surface cracking, crumbling, potholes, depressions, loose paving material, and weeds protruding through paved surfaces.

Presence of Structures below Minimum Code Standards. All structures that do not meet the standards of zoning, subdivision, building, fire, and other governmental codes applicable to property, but not including housing and property maintenance codes.

Illegal Use of Individual Structures. The use of structures in violation of the applicable federal, state or local laws, exclusive of those applicable to the *Presence of Structures below Minimum Code Standards*.

Excessive Vacancies. The presence of buildings that are unoccupied or underutilized and that represent an adverse influence on the area because of the frequency, extent or duration of the vacancies.

Lack of Ventilation, Light or Sanitary Facilities. The absence of adequate ventilation for light or air circulation in spaces or rooms without windows, or that require the removal of dust, odor, gas, smoke, or other noxious airborne materials. Inadequate natural light and ventilation means the absence of skylights or windows for interior spaces or rooms and improper window sizes and amounts by room area to window area ratios. Inadequate sanitary facilities refers to the absence or inadequacy of garbage storage and enclosure, bathroom facilities, hot water and kitchens, and structural inadequacies preventing ingress and egress to and from all rooms and units within a building.

Inadequate Utilities. Underground and overhead utilities, such as storm sewers and storm drainage, sanitary sewers, water lines, and gas, telephone, and electrical services that are shown to be inadequate. Inadequate utilities are those that are: (i) of insufficient capacity to serve the uses in the redevelopment project area, (ii) deteriorated, antiquated, obsolete, or in disrepair, or (iii) lacking within the redevelopment project area.

Excessive Land Coverage and Overcrowding of Structures and Community Facilities. The over-intensive use of property and the crowding of buildings and accessory facilities onto a site. Examples of problem conditions warranting the designation of an area as one exhibiting excessive land coverage are: (i) the presence

of buildings either improperly situated on parcels or located on parcels of inadequate size and shape in relation to present-day standards of development for health and safety, and (ii) the presence of multiple buildings on a single parcel. For there to be a finding of excessive land coverage, these parcels must exhibit one or more of the following conditions: insufficient provision for light and air within or around buildings, increased threat of spread of fire due to the close proximity of buildings, lack of adequate or proper access to a public right-of-way, lack of reasonably required off-street parking, or inadequate provision for loading and service.

Deleterious Land Use or Layout. The existence of incompatible land use relationships, buildings occupied by inappropriate mixed-uses, or uses considered to be noxious, offensive or unsuitable for the surrounding area.

Environmental Clean-Up. The proposed redevelopment project area has incurred Illinois Environmental Protection Agency or United States Environmental Protection Agency remediation costs for, or a study conducted by an independent consultant recognized as having expertise in environmental remediation has determined a need for, the clean-up of hazardous waste, hazardous substances, or underground storage tanks required by state or federal law, provided that the remediation costs constitute a material impediment to the development or redevelopment of the redevelopment project area.

Lack of Community Planning. The proposed redevelopment project area was developed prior to or without the benefit or guidance of a community plan. This means that the development occurred prior to the adoption by the municipality of a comprehensive or other community plan, or that the plan was not followed at the time of the area's development. This factor must be documented by evidence of adverse or incompatible land use relationships, inadequate street layout, improper subdivision, parcels of inadequate shape and size to meet contemporary development standards, or other evidence demonstrating an absence of effective community planning.

Lack of Growth in Equalized Assessed Value. The total equalized assessed value of the proposed redevelopment project area has declined for five (5) of the last five (5) calendar years prior to the year in which the redevelopment project area is designated; or is increasing at an annual rate that is less than the balance of the municipality for five (5) of the last five (5) calendar years for which information is available; or is increasing at an annual rate that is less than the Consumer Price Index for All Urban Consumers published by the United States Department of Labor or successor agency for five (5) of the last five (5) calendar years prior to the year in which the redevelopment project area is designated.

Appendix 3: Meadowbrook Proposed RPA Boundary Legal Description

OF PROPERTY DESCRIBED AS:

LOTS 1, 2 AND 3 IN MEADOWBROOK SUBDIVISION, BEING A SUBDIVISION OF THAT PART OF THE NORTHEAST 1/4 OF SECTION 24, TOWNSHIP 38 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED FEBRUARY 1, 1973 AS DOCUMENT NUMBER R73-05824 AND CERTIFICATES OF CORRECTION RECORDED AS DOCUMENTS R76-58800 AND R76-58801, IN DUPAGE COUNTY, ILLINOIS

ALSO

LOT 5 AND THE SOUTH 15.00 FEET OF LOT 4 IN VALLEY CREEK PARK ESTATES UNIT 1, BEING A SUBDIVISION IN THE NORTHEAST 1/4 OF SECTION 24, TOWNSHIP 38 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 30, 1957 AS DOCUMENT 866856 AND THE CERTIFICATE OF CORRECTION RECORDED SEPTEMBER 16, 1958 AS DOCUMENT 894780

ALSO

THOSE PARTS OF THE EXISTING ADJOINING PUBLIC RIGHT OF WAYS, ALL OF THE ABOVE DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 5; THENCE SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST (ASSUMED) 250.00 FEET ALONG THE SOUTH LINE OF SAID LOT; THENCE NORTH 54 DEGREES 55 MINUTES 37 SECONDS WEST 275.59 FEET ALONG THE WESTERLY LINE THEREOF; THENCE NORTH 00 DEGREES 32 MINUTES 00 SECONDS WEST 40.00 FEET TO THE NORTHWEST CORNER OF SAID LOT 5, BEING ALSO THE SOUTHEAST CORNER OF SAID LOT 3; THENCE SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST TO THE WEST RIGHT OF WAY LINE OF BELMONT ROAD EXTENDED SOUTH TO ITS INTERSECTION WITH THE SOUTH RIGHT OF WAY LINE OF SAID ROAD; THENCE NORTH ALONG SAID WEST RIGHT OF WAY LINE TO ITS INTERSECTION WITH THE SOUTH LINE OF LOT 4 IN SAID MEADOWBROOK SUBDIVISION EXTENDED WEST; THENCE EAST ALONG SAID SOUTH LINE TO THE SOUTHEAST CORNER OF SAID LOT; THENCE NORTH ALONG THE EAST LINE OF SAID LOT, EXTENDED NORTH TO THE NORTH RIGHT OF WAY LINE OF WEST 63RD STREET; THENCE EAST ALONG SAID NORTH RIGHT OF WAY LINE TO ITS INTERSECTION WITH THE EAST RIGHT OF WAY LINE OF WOODWARD AVENUE EXTENDED NORTH; THENCE SOUTH ALONG SAID EAST RIGHT OF WAY LINE TO ITS INTERSECTION WITH THE SOUTH LINE OF SAID LOT 5 EXTENDED EAST; THENCE WEST ALONG SAID SOUTH LINE TO SAID POINT OF BEGINNING.

EXCEPT THAT PART OF SAID LOT 5 AND THE SOUTH 15.00 FEET OF LOT 4 DESCRIBED AS FOLLOWS:
COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 5; THENCE NORTH ON THE EAST LINE OF SAID LOT 5 HAVING A BEARING OF NORTH 0 DEGREES 00 MINUTES 00 SECONDS EAST A DISTANCE OF 28.64 FEET; THENCE SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST A DISTANCE OF 164.71 FEET; THENCE NORTH 14 DEGREES 25 MINUTES 50 SECONDS WEST A DISTANCE OF 62.17 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 14 DEGREES 25 MINUTES 50 SECONDS NORTH WEST A

DISTANCE OF 75.55 FEET; THENCE NORTH 17 DEGREES 23 MINUTES 30 SECONDS WEST A DISTANCE OF 55.13 FEET TO A POINT ON THE NORTH LINE OF THE SOUTH 15.00 FEET OF SAID LOT 4; THENCE WEST ON THE NORTH LINE OF THE SOUTH 15.00 FEET OF SAID LOT 4 HAVING A BEARING OF SOUTH 89 DEGREES 35 MINUTES 00 SECONDS WEST A DISTANCE OF 110.38 FEET; THENCE SOUTH 0 DEGREES 25 MINUTES 00 SECONDS EAST, A DISTANCE OF 91.17 FEET; THENCE SOUTH 69 DEGREES 35 MINUTES 46 SECONDS EAST A DISTANCE OF 119.89 FEET; THENCE NORTH 41 DEGREES 08 MINUTES 30 SECONDS EAST A DISTANCE OF 10.20 FEET; THENCE NORTH 89 DEGREES 20 MINUTES 06 SECONDS EAST, A DISTANCE OF 25.95 FEET TO THE POINT OF BEGINNING, IN DUPAGE COUNTY, ILLINOIS.

Appendix 4: List of PINs in Proposed Meadowbrook RPA

Record #	PIN	2021 EAV
1	08-24-203-004	\$232,560
2	08-24-202-008	\$970,750
3	08-24-202-005	\$1,574,010
4	08-24-202-009	\$103,260
TOTAL		\$2,880,580

Source: Lisle Township Assessor, SB Friedman



VILLAGE OF
DOWNERS GROVE

Rosa Berardi <rberardi@downers.us>

Meadowbrook Shopping Center TIF Eligibility Report and Redevelopment Plan

1 message

David Fieldman <dfieldman@downers.us>

Fri, Jun 23, 2023 at 9:39 AM

To: Rosa Berardi <rberardi@downers.us>

Cc: Enza Petrarca <epetrarca@downers.us>, Robin Lahey <rlahey@downers.us>, Stanley Popovich <spopovich@downers.us>, Jason Zawila <jzawila@downers.us>, Brandan Rissman <brissman@downers.us>

Rosa,

Attached please find the Meadowbrook Shopping Center Redevelopment Project Area Tax Increment Financing District Eligibility Report and Redevelopment Plan and Project dated June 13, 2023.

Please place this document on file in the Village Clerk's Office effective today, June 23, 2023.

The Village has commenced the process of creating a Tax Increment Financing District as described in the document.

Please let me know if you have any questions or comments.

Dave

 **FINAL - Stellco Meadowbrook TIF Plan - 06-13-2023.pdf**
677K

GENERAL MANAGER'S REPORT TO EMPLOYEES

December 27, 2024

Paid Leave Information

New personal leave and vacation time for 2025 is not reflected on the current pay stub and will be shown on the first pay stub you receive in January. The memo regarding your time for 2025 will be sent out in early January. This will include the Holiday list for 2025.

Employee W-2s

Employee W-2s for 2024 will ready for distribution in early January.

Employee Outerwear Memo

For the Staff Engineer, Safety Coordinator, Operations, Maintenance, Laboratory, Sewer System, and Code Enforcement Staff you will have an enclosed memo regarding the outerwear reimbursement policy. We are implementing the structured outerwear ordering process as we have done in the past and will have items in the shop found on the employee portal throughout the year. Employees will be notified when they may place orders for certain items.

IPPFA 457 Deferred Comp Plan

There will be a short presentation and time for a Q&A with our representative from IPPFA on Friday, January 31, 2025, at 10:30 am in the Board Room at the Admin Center. IPPFA is one of our current providers of the Deferred Compensation 457 Plans. If you currently participate in this plan or are interested in participating, you may want to attend this presentation. This is anticipated to last 45 minutes depending on how many questions employees have.

TopHealth

The January 2025 edition of Top Health is enclosed.

Illinois Wastewater Surveillance System

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

Sewer Rehabilitation/Infiltration and Inflow Removal

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

Status of Projects

1) Centex Lift Station Replacement

The contractor is working to finish the outstanding punchlist items.

2) Venard Force Main Replacement

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

3) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays and reporting.

4) WWTC Combustible Gas Detection and Alarm System

The contractor has started work on this project.

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

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

6) Facility Plan

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

7) Handrail Replacement

New railings are up on Intermediate Clarifiers 1 & 2. Staff is finishing up the epoxy on them then will tighten the hardware once that cures.

**WE WISH YOU AND YOUR FAMILY A
HAPPY NEW YEAR!**



Paid Leave Information

The memo regarding your paid leave and the 2025 holiday list is enclosed. The balances for 2025 are now reflected on the enclosed paystub. The vacation time balances in the timekeeping system are also correct now. If you have any questions regarding your paid leave balances, please see Michelle Jasso or Carly Shaw.

Employee W-2s

Employee W-2s for 2024 are ready and most have been given to supervisors for distribution. If you have not received yours yet, please see your supervisor.

IPPFA 457 Deferred Comp Plan

As a reminder there will be a short presentation and time for a Q&A with our representative from IPPFA on Friday, January 31, 2025, at 10:30 am in the Board Room at the Admin Center. IPPFA is one of our current providers of the Deferred Compensation 457 Plans. If you currently participate in this plan or are interested in participating, you may want to attend this presentation. This is anticipated to last 45 minutes depending on how many questions employees have.

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Sewer Rehabilitation/Infiltration and Inflow Removal

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

Status of Projects

1) Centex Lift Station Replacement

The contractor is working to finish the outstanding punchlist items. The contractor is also working on warranty items. Due to repeated VFD faults, the contractor has temporarily replaced the VFDs with starters. District staff are meeting with Baxter & Woodman's electrical engineers on Tuesday next week to discuss the electrical issues at this station.

2) Venard Force Main Replacement

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

3) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays.

The set up of reporting in Ignition is much more complex than anticipated. The District has therefore given Concentric the direction to purchase the newest version of Hach WIMS, which is called WIMS Classic. The setting up of WIMS Classic will be started in February.

4) WWTC Combustible Gas Detection and Alarm System

The contractor is working on laying out the system, taking all the measurements needed so they can acquire materials (conduit, wire, fittings, etc.).

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

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

6) Facility Plan

B&W continues to work on the Facility Plan. The condition assessment walkthrough for the WWTC is expected to be scheduled in January.

7) Handrail Replacement

The perimeter railing on Intermediate Clarifiers 1 & 2 are completed. District staff will install the bridge railing as time and weather permits.

Amy Underwood

From: Village of Downers Grove <e-news@downers.us>
Sent: Thursday, January 9, 2025 10:59 AM
To: Amy Underwood
Subject: REVISED: Invitation- Civic Center Celebration

Follow Up Flag: Follow up
Flag Status: Flagged

INVITATION



CIVIC CENTER CELEBRATION

Saturday, February 8, 2025

Village of Downers Grove Civic Center
850 Curtiss Street
Downers Grove, IL 60515

9:00 a.m.

Opening Remarks and Dedication
Betty Cheever Council Chambers

9:30 a.m. to 12:00 p.m.

Continuous Self-Guided Tours
Tours start and finish in the Lobby
(Last tour starts at 11:30 a.m.)

Go at your own pace and let the map guide you to key areas of the facility. Staff will be on hand to share building features and answer questions.

We invite you to take this opportunity to see the new Downers Grove Civic Center!

Refreshments will be served.

We look forward to celebrating with you!



**Questions about the event may be directed to
Communications Director [Doug Kozlowski](#).**

Please RSVP by February 1, 2025.

[RSVP HERE](#)

Village of Downers Grove | 850 Curtiss St. | Downers Grove, IL 60515 US

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