### DOWNERS GROVE SANITARY DISTRICT GENERAL MANAGER'S REPORT November 17, 2023

#### November Board Meeting

Copies of documentation for the following agenda items are enclosed for the November 21, 2023 meeting:

- 1) Proposed Agenda
- 2) Minutes of the October 17, 2023 regular meeting
- 3) Claim Ordinance 1931
- 4) Annexation Ordinance No. AO 2023-04 5707 Elinor Avenue, Downers Grove
- 5) Annexation Ordinance No. AO 2023-05 6010, 6014, 6018, 6022, 6026, 6030 Fairview Avenue, Downers Grove

#### **BOLI Meeting**

There is no BOLI meeting scheduled this month.

#### **Operations Reports**

Copies of the following are enclosed for October operations:

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

#### Infiltration/Inflow Removal Work

Inspection efforts on private property under the I/I program with the intention of conducting I/I removal are ongoing in the 2C-025 in downtown Downers Grove. A map showing progress for the 2C-025 area is included herein, as well as a status summary sheet.

#### **Safety**

Bill Smith, Angel Lozada, and Aaron Guitierrez attended a full day intensive Confined Space Entry training session hosted by IPRF (the District's workers compensation insurance carrier) at the North Aurora Fire Training Facility. IPRF explained that the goal of this training was for each organization to send 2-3 selected individuals to participate, then bring the information back to their organization. As a result of this class, the Safety Committee worked with DuComm to create a list of first responder jurisdictions for District Lift Stations and air relief valve manholes. This will help us communicate hazards for each location to the appropriate rescue organization.

A bubble mirror was installed on the fence in the plant to address a blind curve created when the VacCon is parked next to the System Garage.

The Safety Committee closed five incident reports last month.

#### Financial

A copy of the Investment Schedule as of October 31, 2023 is enclosed.

The Treasurer's Report for October 2023 covering the first half of FY 23-24 is included herein, along with a summary cover memo.

#### <u>Meetings</u>

I attended the following meetings since the October 13, 2023 General Manager's report:

- October 16 met with FPDDC and U.S. Representative Sean Casten at the Maple Grove Forest Preserve. The FPDDC bridge replacement project is included in the federal community grants project list for the next fiscal year.
- October 19 attended IAWA Executive Committee meeting
- October 19 attended IAWA Executive Committee meeting with the Illinois Environmental Protection Agency
- October 25 attended DRSCW general membership meeting in Addison. Larry also attended.
- October 27 attended IAWA Nutrient Subcommittee monthly meeting
- October 27 attended IAWA PFAS Subcommittee meeting
- November 3 attended IAWA Technical Committee meeting in Starved Rock. Carly also attended.
- November 6 attended DRSCW Permit Holders meeting in Lombard. Larry also attended.
- November 8 gave tour of the WWTC to College of DuPage students
- November 9 hosted the IWEA Plant Operations Workshop & Tour at the WWTC
- November 13 attended WEF House of Delegates Member Association Spotlight Webinar
- November 15 hosted the DRSCW Executive Board meeting. Larry also attended.
- November 15 attended EPA Tools & Resources Webinar: One Health

#### Miscellaneous

Copies of the following items are enclosed:

- 1) General Manager's Report to the Employees dated October 20 and November 3 and 17
- 2) October 2023 DGSD WWTC wastewater reports of SARS-CoV-2, influenza A & B and RSV levels
- 3) October 26 letter to US EPA requesting a time extension for the Curtiss Street sewer rehabilitation project
- 4) November 9 presentation at the IWEA Plant Operations Workshop & Tour
- 5) November 15 e-mail message to IEPA transmitting the Notice of Intent (NOI) for renewal of the General Storm Water Permit and transmitting the updated Storm Water Pollution Prevention Plan

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

## DOWNERS GROVE SANITARY DISTRICT BOARD OF TRUSTEES MEETING NOVEMBER 21, 2023 – 7:00 PM BOARD ROOM

#### PROPOSED AGENDA

- I. APPROVAL OF MINUTES
  A. REGULAR MEETING OCTOBER 17, 2023
- II. APPROVAL OF CLAIM ORDINANCE NO. 1931
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
  - A. ANNEXATION ORDINANCES
    - 1. AO 2023-05: 5707 ELINOR AVENUE, DOWNERS GROVE
    - 2. AO 2023-05: 6010, 6014, 6018, 6022, 6026, 6030 FAIRVIEW AVENUE, DOWNERS GROVE

#### **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 November 21, 2023. The form can be found here: <a href="https://www.dgsd.org/government/public-comment/">https://www.dgsd.org/government/public-comment/</a>



#### **MINUTES**

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, October 17, 2023, convening at 7:00 p.m. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were Trustees Wally D. Van Buren, Amy E. Sejnost, Jeremy M. Wang, General Manager Amy R. Underwood, Administrative Supervisor Carly S. Shaw, Information Coordinator Alyssa J. Caballero, Sewer Construction Supervisor Keith Shaffner and Attorney Dan McCormick.

#### Minutes of Regular Meeting – September 26, 2023

A motion was made by Trustee Sejnost seconded by Trustee Wang approving the minutes of the regular meeting held on September 26, 2023 and authorizing the President and Clerk to sign same. The motion carried.

#### Claim Ordinance No. 1930

A motion was made by Trustee Wang seconded by Trustee Sejnost adopting Claim Ordinance No. 1930 in the total amount of \$836,022.71 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

Public Comment - None

**New Business** 

#### Open House Summary

Administrative Supervisor Shaw presented a summary of the annual Open House held on Saturday, October 7. Approximately 277 people were in attendance and 15 tours were given to 211 people.

#### 2023-24 Electricity Supply Proposal

General Manager Underwood presented the results of a Request for Proposal from electric suppliers sent out on September 22. The results were utilized for selecting the District's electricity supplier for the period of November 2023 through November 2024. The District received four proposals from suppliers. The proposal from Dynegy Energy Services, LLC was the lowest bidder. She recommended the District accept the offer from Dynegy Energy Services, LLC for the supply of electricity in accordance with their proposal, contingent upon final legal review of the agreement. A motion by Trustee Sejnost seconded by Trustee Wang was made to (1) Accept the offer for electricity supply as identified in the October 10, 2023 proposal received from Dynegy Energy Services, LLC covering the period from November 2023 to November 2024, pending legal review of the agreement; (2) Should the District not be successful in negotiating an agreement with Dynegy, accept the offer for electricity supply as identified in the October 10, 2023 proposal from Engie Resources, LLC covering the same period, pending legal review of the agreement; and (3) For the General Manager to sign the agreement to receive said services. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Wang.) General Manager Underwood and Attorney McCormick noted that

the electricity supply procurement does not require Board approval to enter into an agreement as it falls within the exception for utilities in District's Procurement Policy. General Manager Underwood recommended that she not bring the agreement to the Board for approval but rather inform them in the General Manager's report when the new contract is signed annually.

#### Other New Business

Administrative Supervisor Shaw discussed needing to upgrade the District's accounting software in the near future. This is included in the FYE 24-25 budget but funds may be needed sooner in order to implement the change with timeframes being 12 months or more for implementation.

General Manager Underwood handed out the IAWA PFAS position statement.

Trustee Van Buren welcomed Brandon Morris, the new Sewer System Engineering Technician. He commended staff for a successful open house. He noted the excess flow clarifier 3 failure and the cost-savings repair that staff did in-house, noted in Maintenance Supervisor Whitefleet's report. Trustee Van Buren noted that CHP 1 has been running at a reduced load and the fence line repairs at the wastewater treatment plant. He noted the progress on the Centex Lift Station project and that the outfall pipe is expected to arrive in November. Lastly, he noted District's response to the pretreatment compliance inspection report from the U.S. EPA and the letter to Illinois EPA supporting modifications to the State Revolving Fund terms.

Trustee Sejnost congratulated staff for a successful open house, noting that it was well organized. She also welcomed Brandon Morris, the new Sewer System Engineering Technician. She inquired about WEFTEC. She expressed appreciation for Maintenance Supervisor Whitefleet's report and noted the cost-savings repair that staff did in-house for excess flow clarifier 3. Trustee Sejnost commented on CHP 1 running at a reduced load and inquired about the fence line repairs at the wastewater treatment plant.

Trustee Wang also welcomed Brandon Morris, the new Sewer System Engineering Technician. He commented on the new billing portal and issues with the current accounting software. He inquired about the CHP 1 diagnostics and the fence line repair. Lastly, he commended staff for a successful open house.

A motion was made by Trustee Sejnost seconded by Trustee Wang to adjourn the regular meeting at 7:49 p.m. The motion carried.

Approved: November 21, 2023		
	President	
Attest: Clerk		

21 2022

Downers Grove, Illinois

Date: November 21, 2023

Claim Ordinance No. 1931

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 \$678,044.07 being in words and figures as follows:

PAYROLL END DATE: 10.14.23 PAYROLL PAID DATE: 10.20.23

GENERAL LEDGER RECAP

DATE 10/17/23

PERIOD END 10/14/23

PAGE

G/L DATE: 11.30.23

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		60229.02-
	FEDERAL TAX WITHHELD		10405.16-
01-00.2001	STATE TAX WITHHELD		4436.40-
01-00.2002	SOCIAL SECURITY WITHHELD		7198.83-
01-00.2003	IMRF WITHHELD		4166.52-
01-00.2005	CLEARING		20.89-
01-00.2013	CREDIT UNION WITHHELD		2182.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		4234.15-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		305.00-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		192.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1099.08-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		308.71-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		524.42-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		200.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		195.91-
01-11.A003	GENERAL MANAGEMENT	1780.55	
01-11.A004	FINANCIAL RECORDS	10121.90	
01-11.A005	ADMINISTRATIVE RECORDS	1410.83	
01-11.A007	CODE ENFORCEMENT	2937.42	
01-11.A008	SAFETY ACTIVITIES	1732.13	
01-11.A030	BUILDING AND GROUNDS	310.50	
01-12.A011	MAINTENANCE - WWTC	13603.70	
01-12.A014	MAINTENANCE - ELECTRICAL	8461.64	
01-12.A021	WWTC - OPERATIONS	16198.84	
01-12.A022	WWTC - SLUDGE HANDLING	6693.73	
01-12.A023	WWTC - ENERGY RECOVERY	289.18	
01-12.A030	BUILDING AND GROUNDS	3846.35	
01-13.A041	LAB - WWTC	5703.66	
01-13.A048	LAB - ENERGY RECOVERY	132.36	
01-14.A051	SEWER MAINTENANCE	10715.06	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	263.75	
01-14.A061	INSPECTION - NEW CONSTRUCTION	248.31	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	1743.68	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	2120.69	
01-14.A064	INSPECTION - MISCELLANEOUS	539.99	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	4242.42	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2150.20	
01-14.A072	SEWER INVESTIGATIONS	109.32	
01-15.A080	LIFT STATION MAINTENANCE	342.19	
		95698.40	95698.40-

GENERAL LEDGER RECAP

DATE 10/16/23 PERIOD END 10/15/23

PAGE

PAYROLL END DATE: 10.15.23 PAYROLL PAID DATE: 10.17.23 G/L DATE: 11.30.23

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		22187.57-
01-00.2000	FEDERAL TAX WITHHELD		3344.64-
01-00.2001	STATE TAX WITHHELD		1509.32-
01-00.2002	SOCIAL SECURITY WITHHELD		2460.47-
01-00.2003	IMRF WITHHELD		1109.25-
01-00.2013	CREDIT UNION WITHHELD		515.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		673.90-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		283.33-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		741.09-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		125.00-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		40.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A003	GENERAL MANAGEMENT	10481.52	
01-11.A006	ENGINEERING	263.60	
01-11.A007	CODE ENFORCEMENT	7955.12	
01-11.A008	SAFETY ACTIVITIES	94.91	
01-11.A030	BUILDING AND GROUNDS	474.95	
01-12.A006	ENGINEERING	87.57	
01-12.A009	OPERATIONS MANAGEMENT	5085.42	
01-12.A011	MAINTENANCE - WWTC	1614.21	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	545.90	
01-12.A014	MAINTENANCE - ELECTRICAL	189.80	
01-12.A021	WWTC - OPERATIONS	183.45	
01-12.A030	BUILDING AND GROUNDS	356.10	
01-13.A009	OPERATIONS MANAGEMENT	3549.50	
01-13.A041	LAB - WWTC	288.42	
01-13.A042	LAB - PRETREATMENT	1363.13	
01-14.A006	ENGINEERING	132.25	
01-15.A006	ENGINEERING	44.68	
01-15.A009	OPERATIONS MANAGEMENT	166.30	
01-15.A080	LIFT STATION MAINTENANCE	189.80	

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PAYROLL END DATE: 10.28.23 PAYROLL PAID DATE: 11.03.23

G/L DATE: 11.30.23

GENERAL LEDGER RECAP DATE 11/01/23 PERIOD END 10/28/23 PAGE

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
	CASH - PAYROLL ACCOUNT		57061.67-
	FEDERAL TAX WITHHELD		9421.00-
	STATE TAX WITHHELD		4238.00-
	SOCIAL SECURITY WITHHELD		6800.63-
	IMRF WITHHELD		3789.65-
01-00.2005	CLEARING		20.89-
01-00.2013	CREDIT UNION WITHHELD		2182.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		3770.85-
01-00.2017	VOLUNTARY GROUP LIFE		176.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		305.00-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		192.31-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1099.08-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		308.71-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		513.42-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		418.64-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		195.91-
01-11.A003	GENERAL MANAGEMENT	944.55	
01-11.A004	FINANCIAL RECORDS	8763.56	
01-11.A005	ADMINISTRATIVE RECORDS	989.04	
01-11.A007	CODE ENFORCEMENT	3519.25	
01-11.A008	SAFETY ACTIVITIES	1668.80	
01-11.A030	BUILDING AND GROUNDS	95.98	
01-12.A011	MAINTENANCE - WWTC	15247.97	
01-12.A012	MAINTENANCE - VEHICLES	143.50	
01-12.A014	MAINTENANCE - ELECTRICAL	8726.80	
01-12.A021	WWTC - OPERATIONS	14041.68	
01-12.A022	WWTC - SLUDGE HANDLING	5940.48	
01-12.A023	WWTC - ENERGY RECOVERY	267.18	
01-12.A030	BUILDING AND GROUNDS	3282.02	
01-13.A041	LAB - WWTC	5174.68	
01-13.A048	LAB - ENERGY RECOVERY	219.72	
01-14.A051	SEWER MAINTENANCE	12014.14	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	611.53	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	2337.81	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	1234.49	
01-14.A064	INSPECTION - MISCELLANEOUS	1858.93	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	526.12	
	INSPECTION - CODE ENFORCEMENT	2440.44	
	SEWER INVESTIGATIONS	136.65	
01-15.A080	LIFT STATION MAINTENANCE	308.44	

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GENERAL LEDGER RECAP

DATE 11/01/23

PERIOD END 10/31/23 PAGE

PAYROLL END DATE: 10.31.23 PAYROLL PAID DATE: 11.02.23 G/L DATE: 11.30.23

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		25754.98-
01-00.2000	FEDERAL TAX WITHHELD		3651.16-
01-00.2001	STATE TAX WITHHELD		1727.11-
01-00.2002	SOCIAL SECURITY WITHHELD		2805.41-
01-00.2003	IMRF WITHHELD		1108.99-
01-00.2013	CREDIT UNION WITHHELD		515.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		673.44-
01-00.2017	VOLUNTARY GROUP LIFE		64.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		283.33-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		741.09-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		125.08-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		40.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A001	TRUSTEES	4500.00	
01-11.A003	GENERAL MANAGEMENT	8867.79	
01-11.A004	FINANCIAL RECORDS	873.00	
01-11.A006	ENGINEERING	37.53	
01-11.A007	CODE ENFORCEMENT	7955.13	
01-11.A008	SAFETY ACTIVITIES	285.60	
01-11.A030	BUILDING AND GROUNDS	163.14	
01-12.A006	ENGINEERING	873.00	
01-12.A009	OPERATIONS MANAGEMENT	4702.31	
01-12.A011	MAINTENANCE - WWTC	2158.77	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	224.60	
01-12.A014	MAINTENANCE - ELECTRICAL	387.74	
01-12.A022	WWTC - SLUDGE HANDLING	467.54	
01-12.A023	WWTC - ENERGY RECOVERY	104.09	
01-12.A030	BUILDING AND GROUNDS	142.80	
01-13.A009	OPERATIONS MANAGEMENT	3813.76	
01-13.A041	LAB - WWTC	48.34	
01-13.A042	LAB - PRETREATMENT	613.37	
01-13.A043	LAB - SURCHARGE PROGRAM	437.85	
01-14.A006	ENGINEERING	341.34	
01-15.A006	ENGINEERING	39.32	
01-15.A009	OPERATIONS MANAGEMENT	203.81	
01-15.A080	LIFT STATION MAINTENANCE	325.82	
		27566 65	27566 65

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
ACCURATE OFFICE SUPPLY	A000093	11/01/23	603754	01-11.B116	LABELS	10.25		
		11/03/23	603895	01-12.B116	LABELS	53.29		
		11/03/23	603895	01-14.B116	PENS	45.33		
		11/14/23	604532	01-11.B116	OFFICE SUPPLIES	112.42	221.29	064507
ACI Payments Inc.	A000096	10/18/23	10000103298	01-11.B110	OLR FEES	28.50	28.50	105246
ADVOCATE OCCUPATIONAL HEALTH	A000150	11/03/23	850784	01-14.B117	DRUG TEST	406.00	406.00	064508
ADVANTAGE EMBLEM, INC.	A000154	10/23/23	0651327	01-11.B116	BADGES FOR SCOUT TOURS	588.65	588.65	064509
ALEXANDER CHEMICAL CORPORATION	A000200	10/13/23	73726	01-12.B401	SODIUM HYPOCHLORITE	8313.41	8313.41	105247
ALTORFER INDUSTRIES, INC.	A000292	10/25/23	P6AC0085778	01-11.B115	ADMIN GENERATOR PAINT	2.39		
		11/07/23	P6AC0086857	01-12.B501	SKID STEER DOOR SEAL	35.86		
		11/09/23	PM6A0021785	01-11.B115	ADMIN GENERATOR START UP	4730.92	4769.17	105248
amazon Business	A000296	10/26/23	1137RNM91Y43	01-14.B112	AH PHONE CASE	36.90		
		11/05/23	116XRM74JDX9	01-13.B116	LAB CALENDARS	91.88		
		11/07/23	13FRXMJH1HWL	01-14.B116	FLOW METER BATTERIES	815.04		
		10/11/23	1444J4HRQWQD	01-11.B116	OFFICE SUPPLIES	20.86		
		10/11/23	1444J4HRQWQD	01-14.B116	SS TONER	159.79		
		10/11/23	14FVFHFFR7XR	01-14.B117	BM HI VIS TSHIRT	39.99		
		10/19/23	14WXM7DL6HK1	01-11.B112	PHONE CHARGERS	46.97		
		10/19/23	14WXM7DL6HK1	01-11.B116	OFFICE SUPPLIES	62.25		
		10/15/23	16V7M6FN7JLJ	01-13.B116	LAB DOORBELL	16.98		
		11/04/23	171XN74KF9X3	01-11.B116	RETURN/CREDIT	22.50-		
		10/24/23	19PGC7GV9TLJ	01-13.B117	SG OUTERWEAR	118.93		
		09/24/23	19QHH4WLX3R9	01-12.B116	SUPPLIES	39.98		
		11/11/23	19TDRCKT9PL3	01-11.B113	ICE CLEATS	79.96		
		10/14/23	19TJCCFCPWCD	01-12.B116	SHOE POLISH	8.99		
		10/14/23	19TJCCFCPWCD	01-12.B117	MR OUTERWEAR	81.99		
		10/11/23	19TZN6PYRJ94	01-14.B117	BM HI VIS TSHIRT	29.99		
		11/04/23	1CP66Q33DJNV	01-14.B112	RETURN/CREDIT	36.90-		
			1DXRNTD3PDC9		KEY FOBS/CALENDARS	44.88		
			1F9TWR9DPMVL		DRAIN CLEANER	54.00		
			1FNQGC3CWYVW		VEHICLE BULBS	39.99		
					WALL CALENDARS	56.47		
					BM OUTERWEAR	304.89		
					LAB VAN EMERGENCY LIGHTS			
			1H4RYNFFVTVW			66.90-		
			1LYMGFN3X9LR			159.75		
			1MQTKPPKLYLG			58.48		
					DC PHONE CASE	33.98		
					SCREEN PROTECT/CASES			
					SCREEN PROTECT/CASES	108.54 45.56		
					SCREEN PROTECT/CASES			
			· ·		SCREEN PROTECTOR	9.00		
					BM OUTERWEAR	111.49		
					SC OUTERWEAR	296.94		
					AH PHONE CASE	36.90		
		10/25/23	1QXJGVLJ3J9V	01-12.B112	NW PHONE CASE	31.98		

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		10/27/23	1RRYMWXP6LM6	01-12.B510	GEAR & BEARING OIL	316.35	3298.94	105249
Amazon Business	A000296	11/12/23	1RTLNJXFMHHP	01-11.B116	OFFICE CALENDARS	90.91		
		11/05/23	1VGNRJG7LWH3	01-12.B117	SA/BM OUTERWEAR	135.68		
		10/30/23	1WCTMC1RHKH	01-12.B812	DRIVEWAY MARKERS	79.99		
		11/04/23	1YJFVQX4DWCJ	01-11.B116	HEADPHONES/ICE SCRAPERS	36.84		
		10/01/23	1YKQHXNF4VKW	01-12.B116	BRASS HOSE NOZZLE	30.45		
		10/20/23	1YV6HRDQ43Y7	01-12.B507	UPS BATTERIES	258.72	632.59	105250
AMWELL	A000322	10/27/23	024985	01-12.B506	RETENSION DUE(SCUMTROUGH)	945.00	945.00	064555
ATLAS TOYOTA MATERIAL HANDLING	A000525	10/17/23	334491	01-12.B512	FORKLIFT SPREADER UPGRADE	4651.90	4651.90	105251
AUTOZONE - AZ COMMERCIAL	A000600	01/05/23	2576244072	01-12.B116	MSB SUPPLIES	32.24		
		10/23/23	2576435449	01-14.C225	ANTIFREEZE	21.49		
		10/26/23	2576437463	01-12.B116	(2) SILICONE GASKETS	20.06		
		10/31/23	2576441025	01-14.B116	VEHICLE PART	8.83		
		10/31/23	2576441029	01-12.B509	HYDRAULIC OIL FILTER	15.19		
		11/01/23	2576441618	01-11.C225	OIL CHANGE SUPPLIES	32.62		
		11/07/23	2576446353	01-14.B115	LIGHT BULBS	17.81	148.24	064510
SIAMAK AZARNIA	A000700	10/03/23	REIMBURSE	01-12.B117	WEFTEC LUNCH	22.00		
		11/02/23	REIMBURSE2	01-12.B117	RPLC SAFETY GLASSES FRAME	81.35	103.35	105252
BAXTER & WOODMAN, INC.	в000120	10/23/23	0251487	01-11.B124	FLOW MONITORING	551.20		
		10/23/23	0251488	01-14.B902	OUTFALL SEWER SAG CS	2089.83		
		10/23/23	0251490	01-14.B901	CURTISS ST CIPP LINING	1262.50		
		10/23/23	0251495	01-14.B903	BASIN 2D CIPP	292.50		
		10/23/23	0251501	01-13.B124	DGSD PCI ASSISTANCE	9335.00		
		10/23/23	0251504	01-15.B124	BUTTERFIELD PS REPLACE	2222.50	15753.53	105253
BradyIFS	в000319	09/26/23	8334706	01-12.B116	MSB SUPPLIES	136.02		
		10/16/23	8380859	01-12.B116	MSB SUPPLIES	114.80		
		10/18/23	8386989	01-12.B116	MSB SUPPLIES	146.01		
		10/18/23	8386993	01-12.B116	MSB SUPPLIES	141.59		
		11/01/23	8419126	01-12.B116	MSB SUPPLIES	60.01	598.43	105254
BRUCKER COMPANY	в000400	10/26/23	212888	01-12.B507	ABS 1 & 2 FILTERS	864.20	864.20	105255
BUMPER TO BUMPER WHEATON	в000460	11/01/23	470196200	01-12.B116	MSB SUPPLIES	147.36	147.36	064556
CASSIDY TIRE & SERVICE	C000090	10/13/23	917016367	01-12.B501	JD SKID STEER TIRE REPAIR	50.12	50.12	105256
CHICAGO METROPOLITAN FIRE	C000240	10/14/23	00419449	01-12.B113	RADIO MAINTENANCE	63.00	63.00	064511
CINTAS #344	C000300	10/17/23	4171068692	01-12 B117	WWTC UNIFORMS	87.81		
311111111111111111111111111111111111111	0000300		4171068692		SS UNIFORMS	42.00		
			4171776859		WWTC UNIFORMS	87.81		
			4171776859		SS UNIFORMS	42.00		
			4172787786		WWTC UNIFORMS	87.81		
			4172787786		SS UNIFORMS	42.00		
			4173201855		WWTC UNIFORMS	87.81		
			4173201855		SS UNIFORMS	42.00		
			4173201855		WWTC UNIFORMS	42.00 87.81		
						42.00	640 05	064510
CINTAS FIRST AID & SAFETY	C000320		4173949457		SS UNIFORMS		649.05	064512
CINIAD FIRDI AID & SAFEII	C000320		5180428178		FIRST AID REPLENISH	184.54	440.00	064513
OLOUDMELLOW	annn222		5184216788		FIRST AID REPLENISH	264.52	449.06	
CLOUDMELLOW	0000333	11/01/23	∠30439	01-11.B115	MONTHLY WEB HOSTING	95.00	95.00	064557

====== VENDOR ======		IP	NOICE					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
CLOVERLEAF TOOL CO	C000335	11/03/23	55602	01-14.B116	SAW HUB WITH BOLT	112.72	112.72	105257
COMCAST	C000373	11/03/23	877120120055	01-11.B112	INTERNET BACK UP	150.85		
		11/13/23	REPLACEMENT	01-11.B112	SEPT BACK UP INTERNET	144.85	295.70	064514
Comcast	C000375	11/01/23	001000937529	01-11.B112	INTERNET SERVICE	830.00	830.00	064515
COMED	C000380	10/11/23	0055025057	01-15.B100	COLLEGE LS ELECTRIC	340.27		
		11/09/23	0055025057 1	01-15.B100	COLLEGE LS ELECTRIC	392.70		
		10/11/23	0068029014	01-15.B100	CENTEX LS ELECTRIC	200.52		
		11/09/23	0068029014 1	01-15.B100	CENTEX LS ELECTRIC	136.63		
		10/11/23	0120089072	01-15.B100	WROBLE LS ELECTRIC	739.68		
		11/09/23	0120089072 1	01-15.B100	WROBLE LS ELECTRIC	788.69		
		10/11/23	0458029046	01-15.B100	LIB PARK LS ELECTRIC	338.65		
		11/09/23	0458029046 1	01-15.B100	LIB PARK ELECTRIC	323.01		
		10/18/23	0562080004	01-15.B100	VENARD LS ELECTRIC	412.76		
		10/11/23	1095091170	01-15.B100	NORTHWEST LS ELECTRIC	1038.02		
		10/11/23	1810068039	01-15.B100	EARLSTON LS ELECTRIC	221.71		
		11/09/23	1810068039 1	01-15.B100	EARLSTON LS ELECTRIC	245.62		
		10/11/23	3240038012	01-15.B100	BUTTERFIELD LS ELECTRIC	171.58		
		11/09/23	3240038012 1	01-15.B100	BUTTERFIELD ELECTRIC	181.69		
		10/11/23	4657083017	01-15.B100	HOBSON LS ELECTRIC	1690.27		
		10/20/23	6770572011	01-12.B100	WALNUT HSE ELECTRIC	84.19		
		10/20/23	6770572011	01-14.B910	BSSRAP PROGRAM	91.46		
			8762083052	01-12.B100	BIG TOP ELECTRIC	25.90	7423.35	064516
CONCENTRIC INTEGRATION, LLC	C000410	10/23/23		01-12.B513	SCADA SFTWRE PLTFRM RPLC	13935.72		
		10/23/23		01-11.B115	2023-2024 T&M SUPP SVC	760.00		
		10/23/23		01-12.B513	2023-2024 T&M SUPP SVC	1858.46		
		10/23/23	0251494	01-15.B829	REMOTE CELL CONNECTIVITY	799.34		
		10/23/23		01-11.B115	2023-2024 SUPP AGRMNT	2038.80		
		10/23/23			2023-2024 SUPP AGRMNT	3058.20		
		10/23/23			2023-2024 T&M SUPP SVC	375.00	22825.52	105258
CONSERV FS	C000418	10/23/23			STRAW/GRASS SEED	85.75	22023.32	103236
CONDERV F5	C000410	10/24/23			STRAW/GRASS SEED	85.75	171.50	064517
COVERALL NORTH AMERICA, INC	G000EE7	-, ,	1010721338				171.50	004517
COVERALL NORTH AMERICA, INC	C000557		1010721338		PLANT CLEANING  LAB CLEANING	304.00 157.00		
						429.00	900 00	105259
CUMPATING THE	G0006F0	10/16/23	1010721339				890.00	
CUMMINS, INC.	C000650				PRESSURE SWITCH/FILTERS	64.19	64.19	064518
CURTIS MARTIN GROUP, INC.	C000660	10/13/23			BILLING PROGRAM WORK	1680.00		
		11/03/23			ACCT SOFTWARE PROGRAMMING			
		11/03/23			ACCT SOFTWARE PROGRAMMING	480.00	5400.00	105060
	D000005	11/03/23			ACCT SOFTWARE PROGRAMMING	420.00	5400.00	105260
DANIEL MCCORMICK, P. C.		10/31/23			LEGAL SERVICES	1065.00	1065.00	064519
DELTA SONIC	D000220	10/27/23			PLANT CAR WASHES	8.33		
		10/27/23			SS CAR WASHES	24.99	33.32	064520
THE REINALT-THOMAS CORPORATION	D000260				VEHICLE TIRE REPLACEMENT	986.00		
		10/13/23			TIRE MAINTENANCE	186.24		
		10/16/23	4486289	01-14.C225	VEHICLE TIRE REPLACEMENT	666.30	1838.54	064521
VILLAGE OF DOWNERS GROVE	D000480	10/16/23	10314	01-11.B121	METER READINGS	475.31		

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		11/06/23	10383	01-11.C222	ADMIN FUEL	94.33		
		11/06/23	10383	01-12.C222	PLANT FUEL	1169.56		
		11/06/23	10383	01-13.C222	LAB FUEL	45.84		
		11/06/23	10383	01-14.C222	SS FUEL	853.40		
		10/31/23	C20272700	01-12.B102	PLANT WATER	1644.50		
		10/31/23	C20272710	01-11.B102	ADMIN CTR WATER	126.76	4409.70	064522
DUPAGE COUNTY RECORDER	D000620	10/19/23	40528678	01-14.B910	BSSRAP DOCS	570.00		
		10/19/23	40528706	01-14.B910	BSSRAP DOCS	513.00		
		10/19/23	40528717	01-11.B124	PERMITS	399.00		
		10/19/23	40528717	01-14.B910	BSSRAP DOCS	171.00	1653.00	064523
EDWARD OCCUPATIONAL HEALTH	E000027	10/31/23	0017356800	01-11.B113	FLU VACCINATIONS	664.00	664.00	064524
EJ EQUIPMENT, INC.	E000030	10/18/23	P10707	01-14.B115	VAC-CON HYDRO TUBE	305.38	305.38	064525
EXODUS TECHNOLOGY SERVICE	E000480	10/31/23	23194	01-11.B124	SEPTEMBER IT SUPPORT	4560.00		
		10/31/23	23195	01-11.B124	OCTOBER IT SUPPORT	2802.50	7362.50	064526
EYE MED VISION CARE	E000600	11/01/23	166012757	01-17.E455	VISION INSURANCE	428.60	428.60	064527
FIRST ADVANTAGE	F000130	10/31/23	2501292310	01-14.B117	DRUG TEST	36.55	36.55	105261
FirstComm	F000136	11/06/23	125991494	01-11.B112	ADMIN PHONE SERVICE	275.32		
			125991494		PLANT PHONE SERVICE	396.51		
		11/06/23	125991494	01-13.B112	LAB PHONE SERVICE	71.37		
		11/06/23	125991494	01-14.B112	SS PHONE SERVICE	209.75	952.95	064558
FIRST ENVIRONMENTAL LAB	F000140	10/20/23			OCT 2023 NPDES MONTHLY	117.60		
		11/06/23			SURCHARGE 2023 WK 5 BOD	115.20		
		11/07/23			SURCHG 2023 WK 5 BOD	115.20		
		11/09/23			SURCHG 2023 WK 5 BOD	115.20		
		11/10/23			SURCHG WK 5 FOG	216.00		
		11/14/23			SURCHG WK 6 BOD	57.60		
		11/14/23			SURCHG 2023 WK 6 BOD	57.60		
		11/11/23			SURCHG WK 6 FOG	81.00	875.40	105262
GSM ENGINEERED FABRICS, LLC	G000080	10/16/23			BELT FILTER	1541.78	1541.78	105263
GEORGE'S LANDSCAPING	G000260		OCTOBER 2023		ADMIN CTR MOWING/TRIMMING	449.68	1311.70	103203
GEORGE S LANDSCAPING	9000200		OCTOBER 2023		WWTC MOWING	2939.76		
			OCTOBER 2023		BUTTERFIELD LS MOWING	148.20		
			OCTOBER 2023		CENTEX LS MOWING	148.20		
			OCTOBER 2023		EARLSTON LS MOWING	148.20		
			OCTOBER 2023		HOBSON LS MOWING	148.20		
			OCTOBER 2023		LIB PARK LS MOWING	148.20		
			OCTOBER 2023		NORTH WEST LS MOWING	148.20		
			OCTOBER 2023		VENARD LS MOWING	148.20	4575 04	105264
W W CDAINCED INC	G000E00		OCTOBER 2023		WROBLE LS MOWING	148.20	4575.04	105264
W. W. GRAINGER, INC.	G000520		9841191761	01-12.B503		240.16		
			9846336577			17.23		
			9846627835			5.18		
			9847839553			240.16-		
			9849730032			85.36		
			9850914673			46.54		
		09/26/23	9850914681	01-12.B503	SEE SHEET	157.13		

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JAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
		09/28/23	9853709633	01-12.B511	SEE SHEET	32.96		
			9853709641			33.90		
			9853709658			157.13-		
			9860757286			112.85		
			9867623325			111.52		
			9868389082			28.49		
			9868389090			33.90		
			9869210857			94.42		
			9869764341			55.06		
			9870653616			133.26		
			9871108545			47.00-		
			9871620861			84.05		
			98718361310	01-12.B113		89.58		
			9875869639			109.02		
			9877419029			290.88		
			9877419037			62.33		
			9881540067			59.13		
			9883127251			94.04		
			9883127269	01-11.B113		10.94		
			9883127277			11.94		
			9884361776	01-13.B329 01-12.B113		165.30		
			9884438806			971.12		
			9885234766			10.26		
			9886422766			393.18		
			9888246767			79.30		
			9890891477			209.40		
			9893744582			8.24 388.04		
			9894414011				2055 60	10506
	~~~~		9897666567			175.26	3955.68	105265
. W. GRAINGER, INC.	G000520		9898786984			537.65		
			9900212441			98.12		
		, .,	9901079906	01-12.B113		46.56		
			9902580464	01-12.B512		117.51		
			9902580472	01-12.B512		478.35		
			9902580506			5.16		
			9903078757			70.08		
			9903078757			170.71		
			9904142545	01-12.B812	SEE SHEET	241.28	1765.42	105266
RAYBAR	G000530	08/16/23	9333493467	01-15.B113	LS ARC FLASH STUDY	10047.60		
			9333537874	01-12.B113	WWTC ARC FLASH STUDY	15160.50	25208.10	064528
ARON GUTIERREZ	G000610	10/16/23	REIMBURSE	01-12.B117	AG BOOTS	100.00	100.00	105300
							.00	105267
							.00	105268
OME DEPOT	н000400	10/19/23	0020799	01-12.B512	SEE SHEET	21.46		
		10/19/23	0020799	01-15.B524	SEE SHEET	21.46		
		09/28/23	1010241	01-12.B809	SEE SHEET	126.42		
		10/18/23	1052405	01-12.B512	SEE SHEET	140.93		
		10/18/23	1052405	01-15.B524	SEE SHEET	140.93		

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
		09/27/23	2024806	01-12.B511	SEE SHEET	48.04		
		10/17/23	2040560	01-12.B512	SEE SHEET	44.90		
		09/25/23	4626699	01-12.B512	SEE SHEET	14.00		
		09/20/23	679044501	01-00.2005	SEE SHEET	286.68		
		10/31/23	8021791	01-12.B116	SEE SHEET	53.38		
		09/21/23	8521989	01-00.2005	SEE SHEET	89.98		
		10/30/23	9021720	01-12.B508	SEE SHEET	8.25		
		09/26/23	Н1916266630	01-13.B115	SEE SHEET	698.00	1694.43	064529
IMPACT NETWORKING, LLC	I000400	10/20/23	3079699	01-11.B115	COPIER SERVICE	89.00	89.00	105269
INFOSEND, INC.	1000415	10/31/23	249753	01-11.B121	MAILING SERVICES	5720.24	5720.24	105270
JSN Contractors Supply	J000027	10/25/23	86700	01-14.B116	MARKING PAINT	287.28	287.28	064530
JUST TIRES	J000300		0000039447		VEHICLE TIRE REPLACEMENT	749.05	749.05	064531
K D REPAIR, INC.	к000015	10/25/23	33478		TV TRUCK REPAIR	944.54	944.54	064532
KANSAS CITY LIFE INSURANCE CO		11/01/23			LIFE INSURANCE	395.63	395.63	105271
KARA COMPANY INC.	K000053	10/25/23			MARKING FLAGS	134.77	134.77	105271
LELUND ENTERPRISES, INC.	L000205	11/14/23			FILTER BLD ROOF FAN RPLC	833.00	833.00	064533
LOU'S GLOVES	L000300	11/09/23		01-14.B116		106.00	106.00	105273
		,					.00	105274
MARC MAJEWSKI	M000110	11/13/23	REIMBURSE 2	01-12 B117	CSWEA SEMINAR	35.00		
Take Take Emercia	11000110		REIMBURSE2		SPINNER SHAFT	42.04	77.04	105275
MCCROMETER INC.	M000337	11/07/23			FLOW METER	2239.04	2239.04	064559
MCCROMBIER INC.	11000337	11/0//25	3,7,103	01 11.5113	THOW PIETER	2237.01	.00	064534
MCMASTER-CARR SUPPLY COMPANY	M000360	10/13/23	15919286	01-12.B507	ALUMINUM RAILING UPGRADE	307.72		
			16598119		PRIM CLAR 9 ACCESS STEPS	215.20		
			17045060		SS SUPPLIES	22.64		
			17512295		AUGER WEAR PLATE BOLTS	27.49	573.05	105276
MENARDS - BOLINGBROOK	M000430	10/16/23			MSB SUPPLIES	117.85		
DELINOPHOON	11000130	10/16/23			MSB SUPPLIES	117.85		
		11/10/23			WWTC OUTDOOR LIGHTING	226.33	462.03	064535
BRIAN MENG	M000440		REIMBURSE		WEFTEC LUNCH/PARKING	40.25	40.25	105277
MIDAMERICAN ENERGY SERVICES, L					NORTHWEST LS ELECTRIC	833.51	10.25	103277
	21.000331	10/13/23			LIB PARK LS ELECTRIC	174.61		
		10/13/23			BUTTERFIELD LS ELECTRIC	123.38		
		10/13/23			EARLSTON LS ELECTRIC	144.34		
		10/24/23			VENARD LS ELECTRIC	272.42		
		10/13/23			CENTEX LS ELECTRIC	148.43		
		10/13/23			COLLEGE LS ELECTRIC	213.23		
		10/13/23			WROBLE LS ELECTRIC	559.64		
		10/13/23			HOBSON LS ELECTRIC	1332.57	3802.13	105278
BRANDON MORRIS	M000695		REIMBURSE	01-14.B113		59.39	59.39	105279
MOTION INDUSTRIES, INC.	M000033		1000772934		HYDRAULIC PUMP COUPLING	44.44	44.44	105280
NACWA	N000005	09/07/23			AU MEMBERSHIP DUES	1100.00	1100.00	064536
NAPA AUTO PARTS	N000003		4343858889		HYDRAULIC OIL	95.99	1100.00	201330
	1,000010		4343859881		ADMIN GENERATOR INSTALL	189.99	285.98	064537
NICOR GAS	N000330		15876210004	01-11.B115 01-12.B101		212.14	203.30	00433/
MICON GAD	11000330		15876210004	01-12.B101 01-12.B101		248.33		
			44976210003		PLANT 2 GAS	68.62		

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		11/13/23	510069000081	01-12.B101	CHEM FEED GAS	79.64		
		10/13/23	5100690008	01-12.B101	CHEM FEED GAS	51.90		
		10/13/23	54976210002	01-11.B101	ADMIN CTR GAS	71.65		
		11/13/23	549762100021	01-11.B101	ADMIN CTR GAS	127.33		
		10/13/23	87801017812	01-12.B101	WALNUT HSE GAS	55.53		
		11/13/23	878010178121	01-12.B101	WALNUT HSE GAS	74.21	1139.74	064538
NISSEN ENERGY INC	N000350	11/09/23	346	01-12.B513	CHP1&2 MAINT REPAIR PARTS	2587.84	2587.84	105281
OLLMANN ERNEST MARTIN ARCHI	TECTO000281	10/09/23	2	01-11.B118	ADMIN BLDG REMODEL CM	1163.75	1163.75	064560
PACKEY WEBB FORD	P000020	11/08/23	167963	01-14.B116	SOCKET	9.14	9.14	105282
PETTY CASH	P000350	11/21/23	CASH BOX	01-11.B102	TF BUSINESS CARDS	22.62		
		11/21/23	CASH BOX	01-11.B119	POSTAGE	11.11		
			CASH BOX		BUCKETS/LIDS FOR SALT	81.97	115.70	064539
PIRTEK O'HARE	P000380	11/06/23	вот00016589	01-12.B509	BELT PRESS MIX SYS REPAIR	275.15		
			ВОТООО16610		AUGER HOSE/COUPLERS	611.16	886.31	064540
POLYDYNE INC.	P000395	10/30/23			BELT PRESS POLYMER	3074.04	3074.04	105283
PORTABLE JOHN, INC	P000410	11/08/23			PORTABLE JOHN	173.89	173.89	105284
RED WING SHOE STORE	R000180	10/12/23		01-12.B117	JM BOOTS	195.49		
MINO DIOL DIONE	1000100	10/12/23		01-12.B117	BOOTS RESOLE	99.96		
		10/23/23		01-14.B117		144.49		
		11/08/23		01-12.B117		191.24	631.18	105285
RENTALMAX ADMINISTRATION	R000250	10/13/23			FORKLIFT FUEL	33.69	031.10	103203
RENTALMAX ADMINISTRATION	K000230	11/10/23			FORKLIFT FUEL	33.69	67.38	064561
Dopublia Commissa #FF1	D000364							064541
Republic Services #551 SEYFARTH SHAW	R000264		055101578743		RECYCLING	892.95	892.95	
	S000280	11/13/23			LEGAL SERVICES	743.75	743.75	105286
CARLY SHAW	S000305		REIMBURSE	01-11.B117	EMPL LUNCHEON SUPPLIES	77.80		
			REIMBURSE 2	01-11.B117	SUPS LUNCH	109.98		
			REIMBURSE 4	01-11.B137	BILL PORTAL EMAIL BLASTS	700.00		
			REIMBURSE2		MAINT TECH JOB POST	79.55	1000 56	105005
			REIMBURSE3		DECALS FOR ADMIN DOORS	66.43	1033.76	105287
SHERWIN-WILLIAMS CO.	S000320	11/07/23			HOBSON EXT PAINT	410.59	410.59	105288
SITEONE LANDSCAPE SUPPLY	S000405		135952439001	01-11.B118		139.65		
			135952439001	01-12.B812		139.65	279.30	064542
SPRING GREEN LAWN CARE	S000550	10/04/23			EARLSTON LS LAWN TREATMNT	31.40		
			7498963		LIB PARK LS LAWN TREATMNT	53.00		
		10/04/23	7498983		WROBLE LS LAWN TREATMNT	53.00		
		10/04/23	7499014	01-15.B826	NW LS LAWN TREATMNT	94.10		
		10/04/23	7499025	01-15.B824	HOBSON LS LAWN TREATMNT	58.40		
		10/04/23	7499124	01-15.B827	VENARD LS LAWN TREATMNT	45.45		
		10/05/23	7499128	01-12.B812	WTC LAWN TREATMNT	983.10		
		10/04/23	7527687	01-11.B118	ADMIN CTR LAWN TREATMENT	67.05	1385.50	064543
STAPLES INC.	S000640	09/29/23	3549121592	01-13.B116	TONER	106.48		
		10/31/23	3551237650	01-13.B116	RETURN/CREDIT	106.48-		
		10/03/23	3551237652	01-11.B116	OFFICE SUPPLIES	24.34		
		10/03/23	3551237652	01-12.B116	TONER	38.94		
		10/10/23	3551237654	01-11.B116	FOLDERS/NOTEPADS	43.60		
		10/13/23	3551237655	01-11.B116	TONER	73.87		

====== VENDOR ======	=======	===== IN	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		10/13/23	3551237656	01-11.B116	STAMP PADS	42.00		
		10/23/23	3551237657	01-11.B116	OFFICE SUPPLIES	75.25	298.00	105289
STEPHENS PLUMBING AND	S000680	10/10/23	264210	01-14.B910	SHEAR REPAIR	402.10		
		10/18/23	264578	01-14.B910	SHEAR REPAIR	649.60		
		11/05/23	265144	01-14.B910	SHEAR REPAIR	522.10	1573.80	064544
SUBURBAN DOOR CHECK & LOCK	S000850	10/10/23	563025	01-14.B116	PAD LOCKS & KEYS	245.64	245.64	105290
CELCO BILL CENTER	T000155	11/16/23	2612	01-12.B112	ELEVATOR PHONES	39.97	39.97	105291
ERRACE SUPPLY COMPANY	T000250	10/31/23	0001052956	01-12.B116	CYLINDER RENTAL	47.12	47.12	105292
RANSCHICAGO TRUCK GROUP	T000420	11/08/23	X10141445401	01-12.B501	COOLANT TANK REPLACEMENT	133.82		
		10/31/23	X10220097201	01-12.B501	VEHICLE MARKER LAMP	42.45	176.27	064545
SABLUEBOOK	U000150	06/01/23	00028214	01-13.B114	CHLORINE DISPENSE REFILL	428.34		
		06/07/23	00035342	01-13.B114	LAB CHEMICALS	1391.92		
		10/11/23	00161308	01-15.B520	BUTTERFIELD WET WELL PART	171.45		
		10/17/23	00166574	01-13.B116	NITRILE GLOVES	210.33		
		10/18/23	00168140	01-13.B116	LAB SUPPLIES	951.58		
		11/13/23	00194022	01-13.B114	LAB CHEMICALS	101.92		
		11/13/23	00194316	01-13.B114	LAB CHEMICALS	71.69	3327.23	064546
MY UNDERWOOD	U000189	10/19/23	REIMBURSE	01-11.B117	PE LICENSE	61.35		
		10/30/23	REIMBURSE 2	01-11.B117	IWEA WORKSHOP & TOUR	30.00	91.35	105293
NO CONSTRUCTION CO., INC.	U000450	06/26/23	1411	01-14.B910	BSSRAP PROGRAM	745.00		
		10/30/23		01-12.B512	BIO FILTER MEDIA CHANGE	926.47		
		10/30/23		01-15.B524	BIO FILTER MEDIA CHANGE	926.47		
		10/30/23			ADMIN GENERATOR INSTALL	5147.58		
			OCTOBER2023	01-14.B910	BSSRAP PROGRAM	114337.49	122083.01	105294
WR INTERNATIONAL INC.	V000030		8814406148		LAB CHEMICALS	1219.34	122003.01	100201
me inizamiiiomii ino.	***************************************		8814584166		LAB CHEMICALS	72.21	1291.55	064547
ERIZON WIRELESS	V000135	10/28/23	9948002773	01-12.B112	RAIN GAUGE	123.86	12,1.33	001517
BRIDON WINDBIDD	V000133	10/28/23	9948002773		LS REMOTE COMS	281.18		
		11/01/23			ADMIN CELL PHONE SVC	265.06		
			9948188426		PLANT CELL PHONE SVC	1125.69		
			9948188426		LAB CELL PHONE SVC	205.66		
			9948188426		SS CELL PHONE SVC	636.69		
			9948188427		PLANT TABLETS	165.45		
			9948188427		SS TABLETS	30.06		
						36.01	2060 66	064540
TILA DADE ELECTRICAL CURREY	***************************************		9948188427		LS TABLETS ADMIN GENERATOR PARTS		2869.66	064548
ILLA PARK ELECTRICAL SUPPLY	V000145		25249400			270.23		
			25249900		ADMIN GENERATOR PARTS	464.88		
			25258200		ADMIN GENERATOR PARTS	43.12		
			25263200		ADMIN GENERATOR PARTS	106.35		
			25272100		ADMIN GENERATOR PARTS	456.71		
			25272400		ADMIN GENERATOR PARTS	64.25		
			25307600		ADMIN GENERATOR PARTS	297.72		
			25359300		ADMIN GENERATOR PARTS	62.26	1765.52	064549
MAGNER COMMUNICATIONS, INC	W000070		000030811111		ANSWERING SERVICE	407.98	407.98	105295
WASTE MANAGEMENT SERVICES, IN	C.W000170	11/03/23	001943020097	01-12.B102	RECYCLING/GARBAGE	492.67	492.67	064562
WESCO DISTRIBUTION, INC.	W000250	10/26/23	975558	01-12.B113	ARC FLASH TRAINING	4380.00	4380.00	105296



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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
WESTFAX	W000350	11/01/23	1426122	01-11.B112	FAXING SERVICE	8.99	8.99	105297
WESIFAA	W000350	11/01/23	1430133	01-11.6112	FAXING SERVICE	0.99	0.99	105297
WEST SIDE TRACTOR SALES CO.	W000380	10/30/23	N45085	01-12.B501	ANTIFREEZE	18.24		
		11/03/23	N45316	01-12.B501	BIO TRACTOR HYD OIL	156.77	175.01	064550
VILLAGE OF WESTMONT	W000450	10/27/23	718463	01-11.B121	METER READINGS	370.01	370.01	064551
						=======	========	
					Total Payments:	311436.62	311436.62	
					ACH Payments Total:	228450.44	.00	
					_			
				Cr	neck Payments Total:	82986.18	311436.62	



NIA ME	MIIMDED	DATE	MIIMDED	C/I MIMDED	EVDENCE DECODIDETON	EVDENCE	CITECT AME	CHECK NO
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
CHASE	в000050	10/15/23	SUPVPR101523	01-00.2000	FEDERAL TAX WITHHELD	3344.64		
		10/15/23	SUPVPR101523	01-00.2002	EMPL SOC SEC TAX	2460.47		
		10/15/23	SUPVPR101523	01-17.E461	EMPLR SOC SEC TAX	2460.45	8265.56	105223
CHASE	B000050	10/14/23	EMPLPR101423	01-00.2000	FEDERAL TAX WITHHELD	10405.16		
		10/14/23	EMPLPR101423	01-00.2002	EMPL SOC SEC WITHHELD	7198.83		
		10/14/23	EMPLPR101423	01-17.E461	EMPLR SOC SEC WITHHELD	7198.78	24802.77	105226
DORRANCE BERRY	B000150	10/31/23	REIMBURSE	01-13.B117	RB OUTERWEAR	199.00	199.00	105236
CLOVERLEAF TOOL CO	C000335	09/27/23	55388	01-14.B115	RODDER REPAIR PARTS	1129.12	1129.12	105215
D.G. SANIT DIST #XXXXXXXXX111	7 D000400	11/21/23	REIMBURSE	01-00.1001	PAYROLL REIMBURSE	165233.24	165233.24	105244
O.G. SANIT DIST #XXXXXXXXX1114	1 D000420	10/31/23	REFUNDS	01-05.3001	REFUNDS	2110.50	2110.50	105241
O.G. SANIT DIST #XXXXXXXXX1112	2 D000440	11/21/23	REIMBURSE	01-11.B117	TECH COMM MEETING	130.00		
		11/21/23	REIMBURSE	01-11.B137	AU MEMBERSHIP RENEW	99.99		
		11/21/23	REIMBURSE	01-12.C225	NW TOLLS	68.80		
		11/21/23	REIMBURSE	01-14.B910	RODDING FEES	860.40	1159.19	105245
DUPAGE CREDIT UNION	D000650	10/15/23	SUPVPR101523	01-00.2013	EMPL AUTHORIZED W/HOLDING	515.00	515.00	105222
DUPAGE CREDIT UNION	D000650	10/14/23	EMPLPR101423	01-00.2013	EMPL AUTHORIZED W/HOLDING	2182.00	2182.00	105229
JESSICA GWOZDZ	G000630	10/04/23	REIMBURSE	01-11.B117	WEFTEC LUNCH/PARKING	47.00	47.00	105217
Samantha Gudewicz	G00594	10/03/23	REIMBURSE	01-13.B117	WEFTEC LUNCH	22.00	22.00	105216
DOSHA HAMILTON	н000058	11/08/23	REIMBURSE	01-05.3001	REIMBURSE BILL PAYMENT	1025.00	1025.00	064505
HEALTH CARE SERVICE CORP.	н000190	10/17/23	165585	01-17.E455	HEALTH INSURANCE	47843.68	47843.68	105230
HOME DEPOT	н000400	11/06/23	MULTIPLE	01-11.B115	ADMIN GEN REPAINT	48.90		
		11/06/23	MULTIPLE	01-12.B116	OPS SUPPLIES	87.83		
		11/06/23	MULTIPLE	01-12.B511	INTERM CLAR 3 RAIL RPLC	298.48	435.21	064504
ILLINOIS DEPARTMENT OF REVENUE	E I000240	10/15/23	SUPVPR101523	01-00.2001	STATE TAX WITHHELD	1509.32	1509.32	105224
ILLINOIS DEPARTMENT OF REVENUE	E I000240	10/14/23	EMPLPR101423	01-00.2001	STATE TAX WITHHELD	4436.40	4436.40	105227
ILLINOIS MUNICIPAL	I000300	10/25/23	PENSION	01-00.2003	EMPL PENSION DEPOSIT	10237.88		
		10/25/23	PENSION	01-00.2014	EMPL VOL PENSION DEPOSIT	11043.94		
		10/25/23	PENSION	01-17.E461	EMPLR VOL PENSION DEPOSIT	15220.30	36502.12	105231
INFOSEND, INC.	1000415	09/29/23	247962	01-11.B121	MAILING SERVICES	5931.92	5931.92	105218
FREASURER, STATE OF ILLINOIS	1000460	10/31/23	UNCLAIM PROP	01-05.3001	UNCLAIM USER REFUND CHKS	800.31	800.31	105237
JOE MAGIERA	M000070	10/02/23	REIMBURSE	01-12.B117	WEFTEC BREAKFAST/LUNCH	24.50	24.50	105219
MARC MAJEWSKI	M000110	10/03/23	REIMBURSE	01-12.B117	WEFTEC LUNCH/PARKING	35.00	35.00	105220
MCCANN INDUSTRIES, INC.	M000340	09/29/23	P94530	01-12.B807	GROUT - SEC CLARIFIER 1	127.38	127.38	064503
MCMASTER-CARR SUPPLY COMPANY			12642989		EXC FLW TANK 3 PARTS	151.62	151.62	105221
MIDAMERICAN ENERGY SERVICES, I			MULTIPLE		ADMIN CTR ELECTRIC	1042.35		
·			MULTIPLE		PLANT ELECTRIC	20843.13	21885.48	105243
MIDAMERICA ADMIN HRA ACCOUNT	M000557		HRA FUNDING		HRA ACCOUNT FUNDING	600.00	600.00	105235
NCPERS GROUP LIFE INSURANCE	N000010		3266112023		VOLUNTARY LIFE INSURANCE		224.00	105233
PRINCIPAL LIFE INSURANCE CO	P000650		109309910001		DENTAL INSURANCE	2884.99	2884.99	105234
Matt Richert	R000274		REIMBURSE		WEFTEC LUNCH	22.00	22.00	105238
TRANSAMERICA RETIREMENT			SUPVPR101523		DEF COMP IPPFA	125.00	22.00	103230
	1000110		SUPVPR101523		DEF COMP ROTH IPPFA	40.00		
			SUPVPR101523		DEF COMP LOAN REPAY IPPFA		242.06	105225
TRANSAMERICA RETIREMENT	T000415		EMPLPR101423		DEF COMP IPPFA	524.42	272.00	103223
CLUMNIA COLUMNIA COLU	1000413				DEF COMP ROTH IPPFA			
		10/14/92	EMPLPR101423			200.00		



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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
U.S. POSTAL SERVICE	U000130	11/03/23	REFILL	01-11.B119	POSTAGE MACHINE REFILL	1000.00	1000.00	105239
U.S. POSTAL SERVICE	U000130	11/08/23	RENEW	01-11.B119	POSTAGE RENEWAL	50.00	50.00	105240
ZAZZO'S PIZZA & BAR	Z000055	11/08/23	RETIRE PARTY	01-11.B117	DEPOSIT FOR RETIRE PARTY	250.00	250.00	064506
						=======		
					Total Payments:	332566.70	332566.70	
					ACH Payments Total:	330729.11	.00	
				Ch	neck Payments Total:	1837.59	332566.70	



## 02 IMPROVEMENT FUND STANDARD CHECK REGISTER FOR 11/21/23

======= VENDOR ======		===== IN	VOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	B000120	10/23/23	0251489	02-47.0504	CENTEX LS CONST MAN	565.00		
		10/23/23	0251496	02-48.0502	VENARD FM REPLACEMENT	630.00	1195.00	105298
BELLE TIRE DISTRIBUTORS, INC.	В000128	11/03/23	SP2023046-2	02-05.3010	RETURN TRUNK FEE	22534.50	22534.50	064552
						=======		
					Total Payments:	23729.50	23729.50	
					ACH Payments Total:	1195.00	.00	
				Ch	eck Payments Total:	22534.50	23729.50	



# Downers Grove 03 CONSTRUCTION FUND STANDARD CHECK REGISTER FOR 11/21/23

======= VENDOR ======	===== IN	VOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	в000120	10/23/23	0251503	03-20.0502	CGD SYSTEM DESIGN	4136.25		
		10/23/23	0251505	03-21.0501	BIOSOLIDS STUDY	907.50	5043.75	105299
BELLE TIRE DISTRIBUTORS, INC.	B000128	11/06/23	SP2023046	03-05.3009	RETURN TAP FEE	1505.00	1505.00	064553
MICHAEL DERRY	D000223	11/06/23	SP2023045	03-05.3009	REFUND TAP FEE	3762.50	3762.50	064554
						========	=======	
					Total Payments:	10311.25	10311.25	
					ACH Payments Total:	5043.75	.00	
				Ch	neck Payments Total:	5267.50	10311.25	
DATE								
REVIEWED								
TRUSTEE APPRO	OVAL							
				PRESIDENT				
				CLERK				



## ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 11/21/23

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		644003.32-
01-00.1001	CASH - PAYROLL ACCOUNT	165233.24	
01-00.2000	FEDERAL TAX WITHHELD	13749.80	
01-00.2001	STATE TAX WITHHELD	5945.72	
01-00.2002	SOCIAL SECURITY WITHHELD	9659.30	
01-00.2003	IMRF WITHHELD	10237.88	
01-00.2005	CLEARING	393.89	
01-00.2013	CREDIT UNION WITHHELD	2697.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	11043.94	
01-00.2017	VOLUNTARY GROUP LIFE	224.00	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	649.42	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	240.00	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	272.97	
01-05.3001	USER RECEIPTS	3935.81	
01-11.B100	ELECTRICITY	1042.35	
01-11.B101	NATURAL GAS	198.98	
01-11.B102	WATER, GARBAGE AND OTHER UTILITIES	149.38	
01-11.B110	BANK CHARGES	28.50	
01-11.B112	COMMUNICATION	2175.58	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	1341.74	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	20752.12	
01-11.B116	SUPPLIES	1632.62	
01-11.B117	EMPLOYEE/DUTY COSTS	706.13	
01-11.B118	BUILDING AND GROUNDS	1886.56	
01-11.B119	POSTAGE	1061.11	
01-11.B121	USER BILLING MATERIALS	12497.48	
01-11.B124	CONTRACT SERVICES	10121.45	
01-11.B137	MEMBERSHIPS/SUBSCRIPTIONS	1899.99	
01-11.C222	GAS/FUEL	94.33	
01-11.C225	OPERATION/REPAIR	32.62	
01-12.B100	ELECTRICITY	20953.22	
01-12.B101	NATURAL GAS	940.76	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	3030.12	
01-12.B112	COMMUNICATION	1992.00	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	20195.82	
01-12.B116	SUPPLIES	1588.93	
01-12.B117	EMPLOYEE/DUTY COSTS	1667.11	
01-12.B401	CHEMICALS - DISINFECTION	8313.41	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	3074.04	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	1171.90	
01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	151.62	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	1043.12	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	1430.64	
01-12.B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	119.77	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	3381.28	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	316.35	



## ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 11/21/23

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	379.48	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	7932.75	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	21440.22	
01-12.B805	BLDG AND GROUNDS - INFLUENT PUMPING	209.40	
01-12.B806	BLDG AND GROUNDS - PRIMARY TREATMENT	215.20	
01-12.B807	BLDG AND GROUNDS - SECONDARY TREATMENT	127.38	
01-12.B809	BLDG AND GROUNDS - SLUDGE DEWATERING	126.42	
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	833.00	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	5103.53	
01-12.B813	BLDG AND GROUNDS - WWTC UTILITIES	226.33	
01-12.C222	GAS/FUEL	1169.56	
01-12.C225	OPERATION/REPAIR	826.18	
01-13.B112	COMMUNICATION	322.59	
01-13.B114	CHEMICALS	3355.50	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	698.00	
01-13.B116	SUPPLIES	1598.48	
01-13.B117	EMPLOYEE/DUTY COSTS	636.87	
01-13.B123	OUTSIDE LAB SERVICES	875.40	
01-13.B124	CONTRACT SERVICES	9335.00	
01-13.C222	GAS/FUEL	45.84	
01-13.C225	OPERATION/REPAIR	19.98	
01-14.B112	COMMUNICATION	956.38	
01-14.B113	EMERGENCY/SAFETY EQUIPMENT	59.39	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	4635.89	
01-14.B116	SUPPLIES	1947.18	
01-14.B117	EMPLOYEE/DUTY COSTS	1443.15	
01-14.B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	1262.50	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	2089.83	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	292.50	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	118862.15	
01-14.C222	GAS/FUEL	853.40	
01-14.C225	OPERATION/REPAIR	1989.20	
01-15.B100	ELECTRICITY	11023.93	
01-15.B112	COMMUNICATION	317.19	
01-15.B113	EMERGENCY/SAFETY EQUIPMENT	10047.60	
01-15.B124	CONTRACT SERVICES	2222.50	
01-15.B520	EQPT/EQPT REPAIR - BUTTERFIELD	171.45	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	1703.05	
01-15.B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	22.20	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	148.20	
01-15.B821	BLDG AND GROUNDS - CENTEX	148.20	
01-15.B823	BLDG AND GROUNDS - EARLSTON	179.60	
01-15.B824	BLDG AND GROUNDS - HOBSON	206.60	
01-15.B825	BLDG AND GROUNDS - LIBERTY PARK	201.20	
01-15.B826	BLDG AND GROUNDS - NORTHWEST	242.30	
01-15.B827	BLDG AND GROUNDS - VENARD	193.65	



## ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 11/21/23

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-15.B828	BLDG AND GROUNDS - WROBLE	201.20	
01-15.B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL	799.34	
01-17.E455	EMPLOYEE GROUP HEALTH	52152.90	
01-17.E461	SOCIAL SECURITY	24879.53	
02-00.1000	CASH		23729.50-
02-05.3010	TRUNK SEWER SERVICE CHARGES	22534.50	
02-47.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	565.00	
02-48.0502	DESIGN ENGINEERING/ARCHITECTURAL	630.00	
03-00.1000	CASH		10311.25-
03-05.3009	SEWER PERMIT FEES	5267.50	
03-20.0502	DESIGN ENGINEERING/ARCHITECTURAL	4136.25	
03-21.0501	REPORT ENGINEERING/ARCHITECTURAL	907.50	
		=========	
		678044.07	678044.07-

Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	Item Description
Grainger	09/22/23	\$240.16	01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	Delivered	MR		Excess Flow Control Cabinet (Valves / Cross Collectors)	Time Delay Relay (4)
Grainger	09/21/23	\$17.23	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC	For "Clearing"	CSWEA Model	1" PVC Pipe - 8'
Grainger	09/21/23	\$5.18	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies	1/8" Drill Bit (2)
Grainger	09/22/23	-\$240.16	01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	In-Store	MR	Credit	Excess Flow Control Cabinet (Valves / Cross Collectors)	Time Delay Relay (4)
Grainger	09/25/23	\$85.36	01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	Delivered	MM			Spill Absorbent
Grainger	09/26/23	\$46.54	01-12.B116	WWTC SUPPLIES	Delivered	RF		Supplies	Penetrant Oil
Grainger	09/26/23	\$157.13	01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	Delivered	MR		Excess Flow Control Cabinet (Valves / Cross Collectors)	Time Delay Relay (3)
Grainger	09/28/23	\$32.96	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	BS		Intermediate Clarifier 3 Railing Replacement	7" x 10" Safety Sign (2)
Grainger	09/28/23	\$33.90	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	RF		Maintenance Repair Supplies	Cutting Oil - Pipe Threader (1Gal.)
Grainger	09/28/23	-\$157.13	01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	In-Store	MR	Credit	Excess Flow Control Cabinet (Valves / Cross Collectors)	Time Delay Relay (3)
Grainger	10/05/23	\$112.85	01-12.B116	WWTC SUPPLIES	Delivered	ST			Touchless Vehicle Detergent
Grainger	10/11/23	\$111.52	01-12.B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	Delivered	AC		TWAS cleaning	Muriatic acid gal. (8)
Grainger	10/12/23	\$28.49	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Tool Replacement	hex key set
Grainger	10/12/23	\$33.90	01-12.B116	WWTC SUPPLIES	Delivered	RF		Supplies	Cutting Oil Gal. (1)
Grainger	10/12/23	\$94.42	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	MR		Maintenance Repair Supplies - Electrical	Knock out tool studs (2)
Grainger	10/13/23	\$55.06	01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	In-Store	BS		Belt Press Polymer Feed Pump	1" full port ball valve (1)
Grainger	10/13/23	\$89.58	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	AC		Safety Supplies	Lockout Padlock (6)
Grainger	10/13/23	\$133.26	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies	Misc. Hardware
Grainger	10/16/23	-\$47.00	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	MR	Partial Return	Maintenance Repair Supplies - Electrical	Knock out tool stud (1)
Grainger	10/16/23	\$84.05	01-12.B117	EMPLOYEE/DUTY COSTS	Delivered	MR		Employee Outerwear - Marco	Long Sleeve Tee Shirt (5)
Grainger	10/16/23	\$89.58	01-12.B116	WWTC SUPPLIES	Delivered	AC			(6) Padlocks
Grainger	10/18/23	\$109.02	01-11.B115	ADMIN EQUIPMENT/EQUIPMENT REPAIR	Delivered	RF		Admin. Generator Installation	Mulitiple colors, Electrical Tape Roll (16)
Grainger	10/20/23	\$290.88	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	MM			Boot cover for Op station blower building
Grainger	10/20/23	\$62.33	01-12.B116	WWTC SUPPLIES	Delivered	MM			Rodenticide
Grainger	10/24/23	\$59.13	01-12.B116	WWTC SUPPLIES	Delivered	FF		Supplies	Retaining Compound (Loctite)
Grainger	10/25/23	\$94.04	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Maintenance Repair Supplies - Electrical	100' 12 Guage Extension Cord
Grainger	10/25/23	\$10.94	01-11.B113	ADMIN SAFETY	Delivered	JG			Chin Strap
Grainger	10/25/23	\$11.94	01-15.B529	EQUIP/EQUIP REPAIR - LIFT STATIONS GENERAL	Delivered	RF		Lift Station Repair Supplies	Cable Ties
Grainger	10/26/23	\$165.30	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	MM			Disposable gloves for OPS
Grainger	10/26/23	\$971.12	01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	Delivered	RF		Belt Filter Press Hydraulic Pump Motor Rplc.	1-1/2hp Motor
Grainger	10/26/23	\$10.26	01-15.B529	EQUIP/EQUIP REPAIR - LIFT STATIONS GENERAL	Delivered	RF		Lift Station Repair Supplies	Cable Tie Mounting Pad Pk. (100)
Grainger	10/27/23	\$393.18	01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	Delivered	AC		Belt Filter Press Hydraulic Pump Replacement	2.5" 0-1000psi Gauge (2)
Grainger	10/31/23	\$79.30	01-11.B113	ADMIN SAFETY	Delivered	JG		, , ,	sweat band replacement
Grainger	11/01/23	\$209.40	01-12.B805	BLDG & GROUNDS - INFLUENT PUMPING	In-Store	MR		Raw Sewage Bldg. Interior Lighting Repairs	Bulb (36) Ballast (10)
Grainger	11/03/23	\$8.24	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies	Package Cable Ties (2)
Grainger	11/01/23	\$388.04	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC		Maintenance Repair Supplies	Platform Truck (4-wheel Cart)1,600lbs. Rating
Grainger	11/07/23	\$175.26	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	NW		Maintenance Repair Supplies	12AWG - 50' Extension Cord (3)
Grainger	11/08/23	\$537.65	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	Delivered	MM			12" plug, wash down hose
Grainger	11/09/23	\$98.12	01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	In-Store	NW		Primary 7 Scum Trough Replacement	Stainless thread rod and hardware
Grainger	11/10/23	\$46.56	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	MM		The state of the s	Various gloves for Ops/Bio
Grainger	11/13/23	\$117.51	01-12.B113	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies	Workbench Drawer - Adam
Grainger	11/13/23	\$478.35	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	CP		Maintenance Repair Supplies	Cut-Off Wheel(30),Fiber Abrasive Disc (55)
Grainger	11/13/23	\$5.16	01-12.B312	WWTC SUPPLIES	Delivered	AC		Supplies	Coin Battery(4)
Home Depot	10/19/23	\$21.46	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	СР	Same Recipt	Plant Bio-Filter Overhaul	4" Corregated Tee(2) Rake(2)
Home Depot	10/19/23	\$21.46	01-12.B512 01-15.B524	EQUIP/EQUIP REPAIR - HOBSON	In-Store	CP	\$42.92 Total	Hobson Bio-Filter Overhaul	4" Corregated Tee(2) Rake(2)
Home Depot	09/28/23	\$126.42	01-13.B324 01-12.B809	BLDG & GROUNDS - SLUDGE DEWATERING	In-Store	MM	y 12.32 Total	Hobbert Bio Filter Overridar	Shelfing and storage for belt press building
Home Depot	10/18/23	\$120.42	01-12.B503 01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	CP	Same Recipt	Plant Bio-Filter Overhaul	Work Gloves, Pitch forks(4), Misc.Supplies
Home Depot	10/18/23	\$140.93	01-12.B512 01-15.B524	EQUIP/EQUIP REPAIR - HOBSON	In-Store	СР	\$281.86 Total	Hobson Bio-Filter Overhaul	Work Gloves, Pitch forks(4), Misc.Supplies
Home Depot	09/27/23	\$48.04	01-13.B524 01-12.B511	EQUIF/EQUIF REPAIR - HOBSON  EQPT/EQPT REPAIR - TERTIARY TREATMENT	In-Store	AC	9201.00 TOtal	Intermediate Clarifier 3 Railing Replacement	Stainless Steel Eye Bolt (6), Spring link (8)
Home Depot	10/17/23	\$44.90	01-12.B511 01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC		Maintenance Repair Supplies	SS Carabiner (2), Roll Duct Tape (2)
Home Depot	09/25/23	\$14.00	01-12.B512 01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC		Maintenance Repair Supplies  Maintenance Repair Supplies	1-1/2" PVC Fittings (8)
Home Depot	09/25/23	\$286.68	01-12.B512 01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL  EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC	For "Clearing"	CSWEA Model	PVC Fittings, Pond Pump. Silicone, PVC cement
-	10/31/23	\$53.38	01-12.B312 01-12.B116	WWTC SUPPLIES	In-Store	CP	1 Of Clearing	Supplies	Misc. Spray lubricants & Salt Bucket lids
Home Depot							For "Clossing"	· ·	
Home Depot	09/21/23	\$89.98	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC	For "Clearing"	CSWEA Model	2'x4' Acrylic Sheet
Home Depot	10/30/23	\$8.25	01-12.B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	In-Store	AC		TWAS cleaning	SS Hardware
Home Depot	09/26/23	\$698.00	01-13.B115	LAB EQUIPMENT/EQUIPMENT REPAIR	Delivered	FF		Lab Bldg.	Refridgerator

Date:	11.08.23	Petty Cash Checking Reimbursement
<b>Due Date:</b>	11.21.23	
Invoice #:	Reimburse	

Date	Purchased From	Description	Code	Amount	Ck No.
10.23.23	<b>Engineer News</b>	<b>AU Membership Renewal</b>	11B137	99.99	3874
10.30.23	Margaret Smith	Rodding Fee	14B910	430.2	3875
10.30.23	Peter Poshepny	Rodding Fee	14B910	430.2	3876
11.01.23	IL Tollway	NW Tolls	12C225	68.8	3877
11.08.23	IAWA	<b>Tech Comm Meeting</b>	11B117	130	3878

Total Receipts/Reimbursement 1159.19

D-440

## Expense by code

11B117	130.00
11B137	99.99
12C225	68.80
14B910	860.40

**TOTAL** 1159.19

Due Date: 11.21.23 Invoice #: Cash Box

11.08.23

Date:

Date	Purchased From	Reimbursed To	<b>Description</b> Code	Amount
10.13.23	USPS	Megan	Postage 11B119	5.65
10.18.23	Vista Print	Carly	TF Business Cards 11B102	22.62
10.23.23	USPS	Megan	Postage 11B119	2.34
10.30.23	Bass Pro	Chuck	Buckets for salt 12B812	65
10.31.23	Bass Pro	Chuck	Lids for Buckets 12B812	16.97
11.03.23	USPS	Kelly	Postage 11B119	3.12
			Total Receipts	115.70

#### Expense by code

11B119	11.11
12B812	81.97
11B102	22.62

#### DOWNERS GROVE SANITARY DISTRICT

#### MEMO

TO: Board of Trustees

FROM: Keith Shaffner

Sewer Construction Supervisor

DATE: November 13, 2023

RE: Annexation Ordinance No. AO 2023-04 – 5707 Elinor Avenue, Downers

Grove

This annexation involves one single family septic conversion home, located at 5707 Elinor Avenue. The sewer is in the east parkway between College Road and 59<sup>th</sup> Street, as indicated on the attached map. This project did not need BOLI approval. This annexation does not need any right-of-way annexations to make the property contiguous. All tap fees and trunk sewer service charges have been paid as required by ordinance.

The subject ordinance will be presented to the Board for adoption at the November 21, 2023, Board meeting.

Attachments

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

ANNEXATION ORDINANCE NO. AO 2023-04

BE IT ORDAINED by the President and Board of Trustees of the DOWNERS GROVE SANITARY

DISTRICT, a body politic and corporate of DuPage County, Illinois:

WHEREAS, the provisions of Section 2405/23.4 of the Illinois Compiled Statutes, as made and

provided, authorize the Trustees of any Sanitary District to annex any property which is not within the

corporate limits of any sanitary district but is contiguous to a sanitary district, and which territory has been

petitioned for annexation by the owners of record and the electors residing thereon, if any.

WHEREAS, the property hereinafter described is not within the corporate limits of any other

Sanitary District, and is contiguous to the corporate limits of the DOWNERS GROVE SANITARY DISTRICT;

and has been petitioned for annexation by the owners of record.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the DOWNERS

GROVE SANITARY DISTRICT that the following described property be and the same is annexed to the

DOWNERS GROVE SANITARY DISTRICT, to-wit:

THE SOUTH 100.0 FEET (EXCEPT THE EAST 100.0 FEET THEREOF) OF LOT 42 IN FIRST ADDITION TO BELMONT PARK, BEING A SUBDIVISION OF PART OF

SECTION 13, TOWNSHIP 38 NORTH, RANGE 10, EAST OF THE THIRD

PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 1, 1922 AS DOCUMENT NO. 161104, IN DUPAGE COUNTY,

ILLINOIS.

P.I.N.: 08-13-111-002

BE IT FURTHER RESOLVED that the Clerk of the DOWNERS GROVE SANITARY DISTRICT be

and he is hereby authorized to file a copy of this Ordinance, together with an accurate map of the annexed

territory, certified as correct by the Clerk of this District with the County Clerk of DuPage County, Illinois.

PASSED and APPROVED by the President and Board of Trustees of the DOWNERS GROVE

SANITARY DISTRICT at their regular meeting held on the 21st day of November 2023.

		President
ATTEST:		
, (11LO1.	Clerk	

# Downers Grove Sanitary District AO2023-04 5707 Elinor Avenue



## Legend

Sanitary Manholes

→ Sanitary Sewer

annexed\_parcels





PETITION FOR ANNEXATION of certain property to

**DOWNERS GROVE SANITARY DISTRICT** 

Your Petitioners, ALGIRD RAYMOND QUITSCHAU, Trustee and Beneficiary of the

ALGIRD RAYMOND QUITSCHAU REVOCABLE TRUST under a Trust Agreement dated

July 14, 2021 and KARIN R. QUITSCHAU, Trustee of the KARIN R. QUITSCHAU

REVOCABLE TRUST under a Trust Agreement dated July 14, 2021, respectfully submit unto the

President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT their Petition

for Annexation of property owned by them to the DOWNERS GROVE SANITARY DISTRICT,

and state the following:

That they are the owners of the following described property located in DuPage County,

Illinois, to-wit:

THE SOUTH 100.0 FEET (EXCEPT THE EAST 100.0 FEET THEREOF) OF LOT 42 IN FIRST ADDITION TO BELMONT PARK, BEING A SUBDIVISION OF PART OF

SECTION 13, TOWNSHIP 38 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 1,

1922 AS DOCUMENT NO. 161104, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 08-13-111-002

Property Address: 5707 Elinor Avenue, Downers Grove, Illinois 60516

2. That the property is unimproved.

That the above described property is contiguous to the corporate limits of the

DOWNERS GROVE SANITARY DISTRICT and is in no way disqualified by the Statutes of the

State of Illinois from being annexed to said District.

That your Petitioners are ready and willing to assume their proportionate share of the 4.

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existing indebtedness, both bonded and otherwise, of the DOWNERS GROVE SANITARY DISTRICT.

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

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

ALCHRD RAYMOND QUITSCHAU, individually and as Trustee and Beneficiary of the ALGIRD RAYMOND QUITSCHAU REVOCABLE TRUST dated July 14, 2021

KARIN R. QUITSCHAU, individually and as Trustee and Beneficiary of the KARIN R. QUITSCHAU REVOCABLE TRUST dated July 14, 2021

STATE OF ILLINOIS ) SS COUNTY OF DUPAGE )

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

GIVEN under my hand and official seal this \_

day of 000 0er , 2023

AFFIX NOTARY SEAL BELOW

KELLY ANN JUSTUS
OFFICIAL SEAL
PUBLIC STATE OF
ILLINOIS My Commission Expires
October 24, 2026

Notary Public

STATE OF ILLINOIS )
SS
COUNTY OF DUPAGE )

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

GIVEN under my hand and official seal this \_\_\_\_\_

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AFFIX NOTARY SEAL BELOW

NOTARY PUBLIC STATE OF ILLINOIS

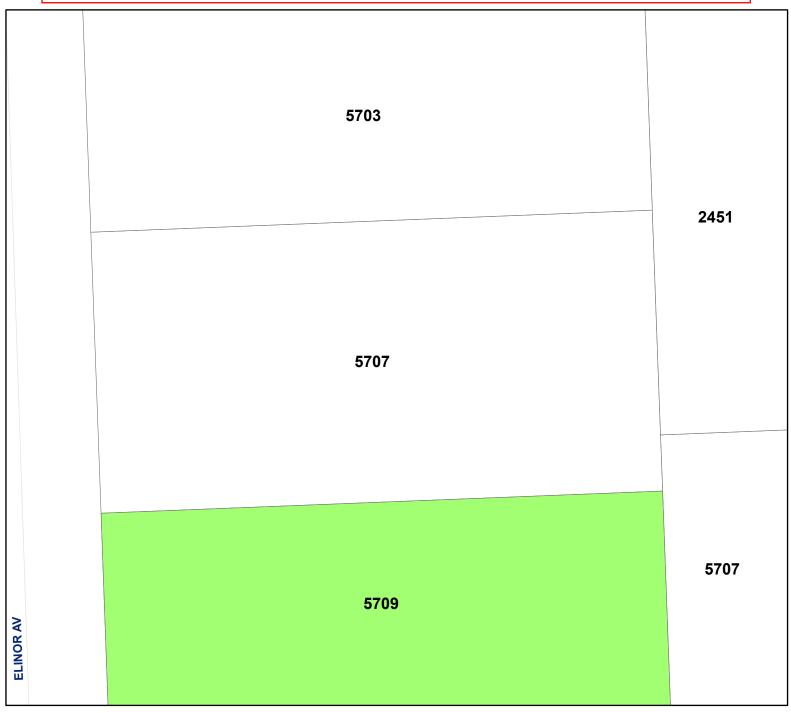
My Commission Expires
October 24, 2026

3

## PLAT OF SURVEY

THE SOUTH 100.0 FEET (EXCEPT THE EAST 100.0 FEET THEREOF) OF LOT 42 IN FIRST ADDITION TO BELMONT PARK, BEING A SUBDIVISION OF PART OF SECTION 13, TOWNSHIP 38 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 1, 1922 AS DOCUMENT NO. 161104, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 08-13-111-002











#### DOWNERS GROVE SANITARY DISTRICT

### <u>M E M O</u>

TO: Board of Trustees

FROM: Keith Shaffner

Sewer Construction Supervisor

DATE: November 13, 2023

RE: Annexation Ordinance No. AO 2023-05

6010,6014,6018,6022,6026,6030 Fairview Avenue, Downers Grove

This annexation involves six single family lots, located on Fairview Avenue. The sewer is in the east parkway between 60th and 61st Street, as indicated on the attached map. This project did not need BOLI approval. This annexation does not need any right-of-way annexations to make the property contiguous. All tap fees and trunk sewer service charges have been paid as required by ordinance.

The subject ordinance will be presented to the Board for adoption at the November 21, 2023, Board meeting.

**Attachments** 

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

ANNEXATION ORDINANCE NO. AO 2023-05

BE IT ORDAINED by the President and Board of Trustees of the DOWNERS GROVE SANITARY

DISTRICT, a body politic and corporate of DuPage County, Illinois:

WHEREAS, the provisions of Section 2405/23.4 of the Illinois Compiled Statutes, as made and

provided, authorize the Trustees of any Sanitary District to annex any property which is not within the

corporate limits of any sanitary district but is contiguous to a sanitary district, and which territory has been

petitioned for annexation by the owners of record and the electors residing thereon, if any.

WHEREAS, the property hereinafter described is not within the corporate limits of any other

Sanitary District, and is contiguous to the corporate limits of the DOWNERS GROVE SANITARY DISTRICT;

and has been petitioned for annexation by the owners of record.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the DOWNERS

GROVE SANITARY DISTRICT that the following described property be and the same is annexed to the

DOWNERS GROVE SANITARY DISTRICT, to-wit:

LOTS 2, 3, 4, 5, 6 AND 7 IN FAIRVIEW RIDGE, BEING A SUBDIVISION IN THE EAST

235.00 FEET OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER (EXCEPT THE SOUTH 125.68 FEET THEREOF) IN SECTION 17, TOWNSHIP 38 NORTH, RANGE 11, EAST OF THE THIRD

PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 26, 2022 AS DOCUMENT NO. R2022-051940, IN DUPAGE COUNTY, ILLINOIS.

Underlying P.I.N.: 09-17-405-010

New P.I.N.: 09-17-405-014, 09-17-405-015, 09-17-405-016,

09-17-405-017, 09-17-405-018 and 09-17-405-019

BE IT FURTHER RESOLVED that the Clerk of the DOWNERS GROVE SANITARY DISTRICT be

and he is hereby authorized to file a copy of this Ordinance, together with an accurate map of the annexed

territory, certified as correct by the Clerk of this District with the County Clerk of DuPage County, Illinois.

PASSED and APPROVED by the President and Board of Trustees of the DOWNERS GROVE

SANITARY DISTRICT at their regular meeting held on the 21st day of November 2023.

	President	
ATTEST:		
Clerk	<del></del>	

# Downers Grove Sanitary District AO2023-05 6010,6014,6018,6022,6026,6030 Fairview Avenue

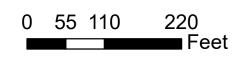


### Legend

Sanitary Manholes

→ Sanitary Sewer

annexed\_parcels





## PETITION FOR ANNEXATION of certain property to DOWNERS GROVE SANITARY DISTRICT

Your Petitioner, TETON DEVELOPMENT LLC, an Illinois limited liability company, respectfully submits unto the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT its Petition for Annexation of property owned by it to the DOWNERS GROVE SANITARY DISTRICT, and state the following:

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

LOTS 1, 2, 3, 4, 5, 6 AND 7 IN FAIRVIEW RIDGE, BEING A SUBDIVISION IN THE EAST 235.00 FEET OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER (EXCEPT THE SOUTH 125.68 FEET THEREOF) IN SECTION 17, TOWNSHIP 38 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 26, 2022 AS DOCUMENT NO. R2022-051940, IN DUPAGE COUNTY, ILLINOIS.

Underlying P.I.N.: 09-17-405-010

New P.I.N.: 09-17-405-013, 09-17-405-014, 09-17-405-015, 09-17-405-016,

09-17-405-017, 09-17-405-018 and 09-17-405-019

Old Property Address: 6014 Fairview Avenue, Downers Grove, Illinois 60516

New Property Addresses: 6002, 6010, 6014, 6018, 6022, 6026 and 6030 Fairview Avenue,

Downers Grove, Illinois 60516

2. That the property is unimproved.

That the above described property is contiguous to the corporate limits of the 3. DOWNERS GROVE SANITARY DISTRICT and is in no way disqualified by the Statutes of the

State of Illinois from being annexed to said District.

That your Petitioner is ready and willing to assume its proportionate share of the existing 4.

indebtedness, both bonded and otherwise, of the DOWNERS GROVE SANITARY DISTRICT.

That there is attached to this Petition and incorporated herein by reference, a Plat of

Survey which sets forth the exact and particular location of the above described premises.

WHEREFORE, the Petitioner pray that the President and Board of Trustees of the

DOWNERS GROVE SANITARY DISTRICT will see fit to annex to said District, the property

herein above described by Ordinance, signed by it, and that said Board will have the Clerk of the

District file with the County Clerk of DuPage County, Illinois, a Certified Copy of the Annexation

Ordinance.

TETON DEVELOPMENT LLC, an Illinois limited liability company

PRINTED NAME: Matthew G. Dill

TITLE: Member-Manager

ATTEST:

PRINTED NAME: Caneron Peldo

TITLE: Director of preconstruction

STATE OF ILLINOIS )SS COUNTY OF DUPAGE)

I, the undersigned, a Notary Public in and for the County and State aforesaid, DO HEREBY CERTIFY that Matthew G. Dill as Member-Manager and Monthle as Director + 1000 of TETON DEVELOPMENT LLC, an Illinois limited liability company, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed and delivered the said instrument as their own free and voluntary act for the uses and purposes therein set forth.

GIVEN under my hand and official seal this day of

AFFIX NOTARY SEAL BELOW

OFFICIAL SEAL AMBER SEILHEIMER NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires 5/25/25

### PLAT OF SURVEY

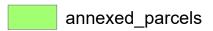
LOTS 2, 3, 4, 5, 6 AND 7 IN FAIRVIEW RIDGE, BEING A SUBDIVISION IN THE EAST 235.00 FEET OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER (EXCEPT THE SOUTH 125.68 FEET THEREOF) IN SECTION 17, TOWNSHIP 38 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 26, 2022 AS DOCUMENT NO. R2022-051940, IN DUPAGE COUNTY, ILLINOIS.

Underlying P.I.N.: 09-17-405-010

New P.I.N.: 09-17-405-014, 09-17-405-015, 09-17-405-016, 09-17-405-017, 09-17-405-018 and 09-17-405-019



### Legend







#### DOWNERS GROVE SANITARY DISTRICT

### MEMO

TO: Board of Trustees

FROM: Carly Shaw

Administrative Supervisor

DATE: November 6, 2023

RE: Administrative Services Progress Report – October 2023

#### **ADMINISTRATIVE**

#### Personnel

We are currently seeking a new Maintenance Mechanic. This position is posted on our website and Indeed. We have received several qualified candidates, three of which have interviews scheduled and another 3 that I am awaiting responses from to schedule interviews.

### **Employee Functions**

I am currently in the planning stages of the Employee Holiday function. I have reached out to a couple of options, one which did not work for our budget and the other we are trying to find a date that may work. I would like to get something scheduled for the second or third weekend of December for employees.

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

The September BURP claim remains open with no dollar figure from the customer. The adjuster did visit and determine an amount for estimated damages, but I have been unable to connect with the resident to provide them how to proceed at this time. A new summary sheet will be provided once we have all the details of this claim.

### Technology Update

The billing portal is up to 4,083 total users registered with \$401,922.29 in payments made using the portal.

Staff has completed two demonstrations of accounting software, one with BS&A and another with Tyler. I met with CUSI which offers utility billing software only and have an upcoming meeting with MIP who offers software for the other accounting functions. We would prefer one solution that covers all areas of our accounting, but I would also like to see as many options as we can that are out there. I also reached out to Springbrook and Caselle both of which never responded to my inquiries. What we have seen so far is a huge improvement to what we currently use and staff is excited for this upgrade.

We will soon be purchasing the large screen display to replace the projector in the Board Room. Concentric was able to get discounted pricing on items from CDW-G. I am awaiting a call back to confirm some information then the order will be placed in November.

### **FINANCIAL**

### **Unclaimed Property Report**

The November Claim Ordinance will include an ACH transaction for \$800.31 to the State Treasurer for refunds unclaimed for one to three years depending on the type of unclaimed fund. User billing refunds can be sent to the State approximately after one year of being unclaimed and all other types of funds owed can be sent after three years.

### User Billing Past Due

I wanted to note that the user billing past due amount is continuing to climb and that is due to software issues we have encountered each month resulting in staff's time being dedicated to cleaning up billing records and ensuring bills are going out correctly and less time is spent on collection efforts. It is our hope these issues don't continue to occur each month and we can focus time on collecting those past due balances.

### Treasurer's Report and Investment Activity

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

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

### USER BILLING SUMMARY

### User Charge System

Billings for October 2023 were as follows:

User	\$445,719.98
Surcharge	51,263.67
Monthly fees	414,913.44
Total	\$911,897.09
Summer Usage Adjustment	\$23,737.15
Billable Flow	187,547,924
Budgeted Billable Flow	186,084,188
% Actual/Budgeted Billable Flow	100.79%
YTD Billable Flow	1,088,139,486
YTD Budgeted Billable Flow	1,080,855,994
% Actual/Budgeted Billable Flow	100.67%

The user accounts receivable balance on 10/31/2023 is \$989,028.19 and consists of:

Current charges due 11/15/2023	\$772,060.07
Past due charges and penalty	216,968.12
Total	\$989,028.19

The past due charges represent:

Age	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>	
30 days past due	\$64,733.70	\$7,056.44	\$71,790.14	
60 days past due	57,431.32	7,297.87	64,729.19	
90 days & greater past due	69,307.87	11,140.92	80,448.79	
Totals	\$191,472.89	\$25,495.23	\$216,968.12	

### Summary of Past Due Charges (90 Days and Over)

### Five Year Comparison

### **October**

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2023	\$69,307.87	\$11,140.92	\$80,448.79
2022	35,087.27	6,856.09	41,943.36
2021	67,897.08	13,646.54	81,543.62 *
2020	83,672.22	10,944.08	94,616.30 *
2019	44,946.81	5,708.76	50,655.57 **

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

### **Twelve Months Ending October 2023**

<u>Month</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
10/31/23	\$69,307.87	\$11,140.92	\$80,448.79
9/30/23	57,856.34	10,171.88	68,028.22
8/30/23	56,820.77	9,871.97	66,692.74
7/31/23	42,973.75	7,253.99	50,227.74
6/30/23	48,202.48	8,745.13	56,947.61
5/31/23	62,672.35	11,351.97	74,024.32
4/30/23	43,089.56	8,905.52	51,995.08
3/31/23	44,200.55	8,970.57	53,171.12
2/28/23	43,221.84	7,436.11	50,657.95
1/31/23	40,007.16	6,499.14	46,506.30
12/30/22	38,839.46	7,034.95	45,874.41
11/30/22	38,280.18	7,297.03	45,577.21

There were 26 accounts scheduled for Pre-Enforcement on October 15, 2023 of which 17 accounts have paid in full. There are 26 accounts scheduled for Pre-Enforcement for November 15, 2023. We are attempting to schedule water shut off and Show Cause when possible.

<sup>\*\*</sup>Includes \$13,020.74 I sewer disconnection costs on 4 accounts plus late fees

To: Amy Underwood, General Manager

From: Marc Majewski, Operations Supervisor

Re: Month of October 2023, WWTC Operations Report.

Date: November 14, 2023

Attached please find detailed operating data and our monthly report to Illinois EPA for October. We had no excursions over our permit limits in the month of October.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 8.74 MGD. Total precipitation at the WWTC was 3.12". There were no days of excess flow during the month of October. There were 4 days of discharge over 11 MGD.
- Activated sludge: Good operating performance was observed throughout the month of October. Floc formers are still predominating leading to good solids settling.
- Anaerobic Digesters: Pumped a total of 989,281 gallons of primary sludge, 0 gallons of TWAS, 729,160 gallons of Waste Activated Sludge, and 287,647 gallons of waste grease for a total of 1,718,441 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 55.9 % for October.
- Digester gas: Total digester gas production was 5,617,861 cubic feet. 50,816 cubic feet of gas was used for anaerobic digestion heat, and 5,409,537 cubic feet was used in the CHP facilities. 155,978 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 1,530 cubic feet of gas.
- Biosolids: Bio-solids drying and delivery season continues. In the month of October we delivered 90 Dry tons of Class A biosolid.
- Electricity: Overall net energy from ComEd was: -88,800 KW-Hrs. Electricity Generated by the CHP system was 434,970 KW-Hrs. Monthly net energy (including natural gas usage) was -81 MW-Hrs for the month of October.

C: WDVB, AES, JMW, KJR, RTJ, MJS, CS, DM

	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
10/1/2023	0.00	10.32	3.88	6.88	0.00	0.00	0.00	0.00	0.00	0.00	6.88	10.32	0.00
10/2/2023	0.00	10.73	3.91	6.76	0.00	0.00	0.00	0.00	0.00	0.00	6.76	10.73	0.00
10/3/2023	0.00	10.07	3.68	6.56	0.00	0.00	0.00	0.00	0.00	0.00	6.56	10.07	0.00
10/4/2023	0.02	9.88	3.63	6.63	0.00	0.00	0.00	0.00	0.00	0.00	6.63	9.88	0.00
10/5/2023	0.71	16.89	6.83	10.75	0.00	0.00	0.00	0.00	0.00	0.00	10.75	16.89	0.00
10/6/2023	0.03	10.67	5.33	7.89	0.00	0.00	0.00	0.00	0.00	0.00	7.89	10.67	0.00
10/7/2023	0.00	10.27	4.47	7.02	0.00	0.00	0.00	0.00	0.00	0.00	7.02	10.27	0.00
10/8/2023	0.00	9.95	3.96	6.76	0.00	0.00	0.00	0.00	0.00	0.00	6.76	9.95	0.00
10/9/2023	0.00	9.99	3.79	6.76	0.00	0.00	0.00	0.00	0.00	0.00	6.76	9.99	0.00
10/10/2023	0.00	10.39	3.69	6.53	0.00	0.00	0.00	0.00	0.00	0.00	6.53	10.39	0.00
10/11/2023	0.32	10.40	0.69	6.09	0.00	0.00	0.00	0.00	0.00	0.00	6.09	10.40	0.00
10/12/2023	0.57	23.88	9.50	15.13	0.00	0.00	0.00	0.00	0.00	0.00	15.13	23.88	0.00
10/13/2023	0.31	19.24	8.08	12.50	0.00	0.00	0.00	0.00	0.00	0.00	12.50	19.24	0.00
10/14/2023	0.40	25.61	13.73	19.70	0.00	0.00	0.00	0.00	0.00	0.00	19.70	25.61	0.00
10/15/2023	0.01	19.18	12.86	15.18	0.00	0.00	0.00	0.00	0.00	0.00	15.18	19.18	0.00
10/16/2023	0.00	16.04	8.44	10.80	0.00	0.00	0.00	0.00	0.00	0.00	10.80	16.04	0.00
10/17/2023	0.00	15.38	6.57	9.33	0.00	0.00	0.00	0.00	0.00	0.00	9.33	15.38	0.00
10/18/2023	0.03	11.31	5.62	8.61	0.00	0.00	0.00	0.00	0.00	0.00	8.61	11.31	0.00
10/19/2023	0.21	11.57	6.21	8.82	0.00	0.00	0.00	0.00	0.00	0.00	8.82	11.57	0.00
10/20/2023	0.00	16.76	7.10	9.43	0.00	0.00	0.00	0.00	0.00	0.00	9.43	16.76	0.00
10/21/2023	0.00	11.02	5.42	7.96	0.00	0.00	0.00	0.00	0.00	0.00	7.96	11.02	0.00
10/22/2023	0.00	10.56	4.56	7.40	0.00	0.00	0.00	0.00	0.00	0.00	7.40	10.56	0.00
10/23/2023	0.00	10.69	4.48	7.44	0.00	0.00	0.00	0.00	0.00	0.00	7.44	10.69	0.00
10/24/2023	0.00	10.65	4.28	7.16	0.00	0.00	0.00	0.00	0.00	0.00	7.16	10.65	0.00
10/25/2023	0.13	11.38	4.22	7.67	0.00	0.00	0.00	0.00	0.00	0.00	7.67	11.38	0.00
10/26/2023	0.16	11.26	5.28	8.59	0.00	0.00	0.00	0.00	0.00	0.00	8.59	11.26	0.00
10/27/2023	0.18	16.70	6.22	8.99	0.00	0.00	0.00	0.00	0.00	0.00	8.99	16.70	0.00
10/28/2023	0.00	11.26	5.88	8.45	0.00	0.00	0.00	0.00	0.00	0.00	8.45	11.26	0.00
10/29/2023	0.03	10.86	5.16	7.95	0.00	0.00	0.00	0.00	0.00	0.00	7.95	10.86	0.00
10/30/2023	0.00	10.65	4.74	7.66	0.00	0.00	0.00	0.00	0.00	0.00	7.66	10.65	0.00
10/31/2023	0.01	10.38	4.52	7.33	0.00	0.00	0.00	0.00	0.00	0.00	7.33	10.38	0.00
Minimum	0.00	9.88	0.69	6.09	0.00	0.00	0.00	0.00	0.00	0.00	6.09	9.88	0.00
Maximum	0.71	25.61	13.73	19.70	0.00	0.00	0.00	0.00	0.00	0.00	19.70	25.61	0.00
Total	3.12	403.95	176.73	274.71	0.00	0.00	0.00	0.00	0.00	0.00	274.71	403.95	0.00
Average	0.10	13.03	5.70	8.86	0.00	0.00	0.00	0.00	0.00	0.00	8.86	13.03	0.00

						_					
	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
10/1/2023	6.88		82,653	12.49							
10/2/2023	6.76	2,722	84,449	15.41	30	23	21	85		4,324	7.7
10/3/2023	6.56	2,752	85,388	15.62	30	23	21	85	5,176		7.7
10/4/2023	6.63	2,692	83,514	11.63	31	22	20	84		5,641	7.5
10/5/2023	10.75	2,559	79,375	11.20	26	21	19	82	5,732		
10/6/2023	7.89	2,839	88,079	12.74	29	22	21	79		5,479	
10/7/2023	7.02		88,079	12.80							
10/8/2023	6.76		88,079	12.90							
10/9/2023	6.76	2,917	90,503	14.48	30	23	20	79		4,996	7.8
10/10/2023	6.53	2,988	92,698	14.75	29	23	20	77	5,281		7.8
10/11/2023	6.09	2,415	74,911	13.28	25	21	19	86		4,337	7.6
10/12/2023	15.13	2,650	82,223	14.19	27	21	19	79	6,115		
10/13/2023	12.50	3,039	94,265	12.14	38	27	22	89		5,826	
10/14/2023	19.70		94,265	12.19							
10/15/2023	15.18		94,265	12.12							
10/16/2023	10.80	3,086	95,740	12.77	32	25	22	79		5,513	7.9
10/17/2023	9.33	3,235	100,362	12.69	36	27	23	82	6,699		7.8
10/18/2023	8.61	3,271	130,747	11.27	41	29	24	88		5,994	8.0
10/19/2023	8.82	3,196	99,137	11.09	36	27	23	85	6,911		
10/20/2023	9.43	3,065	95,086	10.46	40	29	24	94		6,050	
10/21/2023	7.96	,	95,086	10.40						,	
10/22/2023	7.40		95,086	10.42							
10/23/2023	7.44	2,993	92,863	10.71	35	25	21	84		5,733	7.9
10/24/2023	7.16	3,007	93,301	10.78	35	25	21	83	4,223	-,	7.7
10/25/2023	7.67	3,149	97,703	11.81	28	21	19	65	, -	5,440	7.8
10/26/2023	8.59	2,638	81,855	9.74	26	20	18	75	4,673	-, -	-
10/27/2023	8.99	2,354	73,020	10.26	28	20	18	86	,	4,735	
10/28/2023	8.45	,	73,020	10.73						,	
10/29/2023	7.95		73,020	10.78							
10/30/2023	7.66	2,627	81,507	9.21	25	20	18	76		6,763	8.1
10/31/2023	7.33	3,001	93,115	10.89	40	29	24	97	5,005	-,	8.2
. 3.0 2020		0,001	33,110		.0		'		0,300		J.2
Minimum	6.09	2,354	73,019.55	9.21	25.00	19.75	17.76	65.48	4,223	4,324	7.5
Maximum	19.70	3,271	130,747.08	15.62	41.00	29.49	24.01	97.48	6,911	6,763	8.2
Total	274.71		2,773,394.06		694.76	523.96	458.37	1,820.06	49,815	70,831	109.5
Average	8.86	2,873	89,464.32	12.00	31.68	23.77	20.77	82.68	5,535	5,449	7.8

										1.0 (5)
	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
10/1/2023	6.88							58	90	
10/2/2023	6.76	320	150		1.0	56	99.4	58	88	68.5
10/3/2023	6.56	305	142	1.2	0.6	33	99.5	58	89	68.9
10/4/2023	6.63	370	160		0.5	28	99.7	69	85	68.5
10/5/2023	10.75	265	148	1.5	0.6	54	99.2	60	76	
10/6/2023	7.89							47	64	
10/7/2023	7.02							45	61	
10/8/2023	6.76							44	59	
10/9/2023	6.76	340	217		1.4	79	99.5	39	61	67.5
10/10/2023	6.53	333	190	1.6	1.2	65	99.5	38	66	67.5
10/11/2023	6.09	320	157		1.3	66	99.4	36	70	67.3
10/12/2023	15.13	207	108	2.5	2.0	252	98.6	54	65	67.2
10/13/2023	12.50							55	60	
10/14/2023	19.70							49	56	
10/15/2023	15.18							46	62	
10/16/2023	10.80	250	114		1.5	135	98.6	41	56	66.0
10/17/2023	9.33	275	140	1.3	1.8	140	98.9	36	67	65.7
10/18/2023	8.61	327			1.4	101	99.3	41	69	65.9
10/19/2023	8.82	313	220	1.6	1.5	110	99.2	54	60	66.0
10/20/2023	9.43							43	64	
10/21/2023	7.96							41	67	
10/22/2023	7.40							41	65	
10/23/2023	7.44	260	187		1.0	62	99.2	41	69	66.0
10/24/2023	7.16	265	170	1.4	0.8	48	99.3	58	83	65.9
10/25/2023	7.67	260	153		0.9	58	99.2	60	68	66.2
10/26/2023	8.59	220	207	1.4	1.2	86	98.8	65	72	66.2
10/27/2023	8.99							45	72	
10/28/2023	8.45							37	72	
10/29/2023	7.95							39	47	
10/30/2023	7.66	210	128		0.7	45	99.3	29	45	65.6
10/31/2023	7.33	225	130	1.0	1.0	61	99.2	28	37	64.8
Minimum	6.09	207	108	1.0	0.50	28	98.6	28	37	64.8
Maximum	19.70	370	220	2.5	2.00	252	99.7	69	90	68.9
Total	274.71	5,065	2,721	13.5	20.40	1,478	1,785.8	1,134	2,064	1,133.7
Average	8.86	281	160	1.5	1.13	82	99.2	47	67	66.7

	Tertiary Flow	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent	Tertiary Effluent	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
					TSS	TSS Load					
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
10/1/2023	6.88	212			0.8	46	99.6				
10/2/2023	6.76	287	88		0.4	23	99.9	7.5	7.5	7.3	7.5
10/3/2023	6.56	260	98	3.0	0.3	16	99.9	7.5	7.5	7.4	7.2
10/4/2023	6.63	307	160		0.1	6	100.0	7.5	7.3	7.4	7.2
10/5/2023	10.75	200	111	3.6	0.4	36	99.8	7.5	7.3	7.2	7.2
10/6/2023	7.89	355			0.4	26	99.9	7.6	7.4	7.5	7.4
10/7/2023	7.02	255			0.3	18	99.9				
10/8/2023	6.76	232			0.4	23	99.8				
10/9/2023	6.76	273	175		0.5	28	99.8	7.6	7.4	7.3	7.3
10/10/2023	6.53	315	128	6.6	0.7	38	99.8	7.6	7.5	7.2	7.3
10/11/2023	6.09	295	142		0.2	10	99.9	7.6	7.4	7.1	7.3
10/12/2023	15.13	200	70	9.3	0.7	88	99.7	7.6	7.4	7.0	7.2
10/13/2023	12.50	224			0.8	83	99.6	7.7	7.6	7.3	7.5
10/14/2023	19.70	120			0.9	148	99.3				
10/15/2023	15.18	130			0.7	89	99.5				
10/16/2023	10.80	220	111		0.6	54	99.7	7.7	7.7	7.4	7.5
10/17/2023	9.33	310	93	7.0	0.6	47	99.8	7.7	7.7	7.4	7.4
10/18/2023	8.61	240			0.6	43	99.8	7.7	7.5	7.3	7.3
10/19/2023	8.82	233	151	8.2	0.9	66	99.6	7.6	7.6	7.3	7.3
10/20/2023	9.43	240			1.0	79	99.6	7.7	7.5	7.2	7.4
10/21/2023	7.96	207			0.8	53	99.6				
10/22/2023	7.40	234			0.9	56	99.6				
10/23/2023	7.44	255	139		0.7	43	99.7	7.6	7.4	7.3	7.3
10/24/2023	7.16	215	111	5.2	0.5	30	99.8	7.6	7.4	7.2	7.2
10/25/2023	7.67	225	105		0.3	19	99.9	7.7	7.4	7.2	7.2
10/26/2023	8.59	272	181	5.6	0.4	29	99.9	7.6	7.3	7.1	7.2
10/27/2023	8.99	192			0.2	15	99.9	7.8	7.4	7.2	7.3
10/28/2023	8.45	132			0.4	28	99.7				
10/29/2023	7.95	164			0.4	27	99.8				
10/30/2023	7.66	184	93		0.3	19	99.8	7.6	7.6	7.5	7.4
10/31/2023	7.33	180	91	4.2	0.2	12	99.9	7.6	7.4	7.3	7.3
Minimum	6.09	120	70	3.0	0.1	6	99.3	7.5	7.3	7.0	7.2
Maximum	19.70	355	181	9.3	1.0	148	100.0	7.8	7.7	7.5	7.5
Total	274.71	7,168	2,047	52.7	16.4	1,297	3,092.3	167.6	164.2	160.1	160.9
Average	8.86	231	120	5.9	0.5	42	99.8	7.6	7.5	7.3	7.3

### **MONTHLY OPERATIONS REPORT PAGE 5**

	Tertiary	Influent	Tertiary Effluent	Tertiary Effluent	Chlorine	Fecal
	Flow	Ammonia-N	Ammonia-N	Ammonia-N Load	Residual	Coliform
Date	MGD	mg/l	mg/l	lbs/day	mg/l	col/100ml
10/1/2023	6.88	18.20	0.10	5.7		
10/2/2023	6.76	24.27	0.10	5.6		
10/3/2023	6.56	25.10	0.10	5.5	0.015	29
10/4/2023	6.63	27.21	0.10	5.5	0.015	7
10/5/2023	10.75	14.16	0.10	9.0		
10/6/2023	7.89					
10/7/2023	7.02					
10/8/2023	6.76	18.22	0.10	5.6		
10/9/2023	6.76	27.19	0.10	5.6		
10/10/2023	6.53	31.13	0.10	5.4	0.015	8
10/11/2023	6.09	24.44	0.10	5.1	0.015	2
10/12/2023	15.13	11.34	0.10	12.6		
10/13/2023	12.50					
10/14/2023	19.70					
10/15/2023	15.18	7.78	0.10	12.7		
10/16/2023	10.80	17.32	0.10	9.0		
10/17/2023	9.33	18.73	0.10	7.8	0.015	1
10/18/2023	8.61	19.98	0.10	7.2	0.015	3
10/19/2023	8.82	19.93	0.10	7.4		
10/20/2023	9.43					
10/21/2023	7.96					
10/22/2023	7.40	16.13	0.10	6.2		
10/23/2023	7.44	25.32	0.10	6.2		
10/24/2023	7.16	26.21	0.10	6.0	0.015	0
10/25/2023	7.67	20.87	0.10	6.4	0.015	5
10/26/2023	8.59	17.84	0.10	7.2		
10/27/2023	8.99					
10/28/2023	8.45					
10/29/2023	7.95	25.85	0.10	6.6		
10/30/2023	7.66	22.54	0.10	6.4		
10/31/2023	7.33	23.62	0.10	6.1	0.015	0
Minimum	6.09	7.78	0.10	5.1	0.015	0.0
Maximum	19.70	31.13	0.10	12.7	0.015	29.0
Total	274.71	483.38	2.30	160.8	0.135	55.0
Average	8.86	21.02	0.10	7.0	0.015	4.7

SLUDGE DATA					
Primary Sludge	TS	2.32		989,281	Gallons
WAS to Thickener	TS	2.16	%	729,160	Gallons
TWAS to Digester 4	TS		%	0	Gallons
Hauled Grease to Digs	TS	8.30	%	287,647	Gallons
Anaerobically Digested Sludge	Pumping				
to Drying Beds	TS	3.20	%	126,000	Gallons
to BFP	TS	2.28	%	1,176,620	Gallons
to Lagoons	TS		%		Gallons
Total				1,302,620	Gallons
VS Destruction				55.9	%
Biosolids Disposal					
Class A Dis	tribution	Oct		90	Dry Tons
Class B	Hauling	Oct			Dry Tons
	Total	Oct		90	Dry Tons
Class A Dis	tribution	YTD		737	Dry Tons
Class B	Hauling	YTD		426	Dry Tons
	Total	YTD		1,163	Dry Tons
ENERGY DATA					
Total Digester	Gas Prod	luction		5,617,861	SCF
Gas Volume per Vola	tile Solid	s Load		16.6	Cu.Ft./Lb.
Digester Gas Utilization					
Н	leat Exch	angers		50,816	SCF
Г	Dehumidit	ication		1,530	SCF
		CHP		5,409,537	SCF
		Total		5,461,884	SCF
<u>Digester Gas Flared</u>				155,978	SCF
Natural Gas Consumed					
	١	NWTC		10,667	SCF
		MSB		12,400	SCF
	Chemica	al Feed		1,500	SCF
	5006	Walnut		4,210	SCF
Kilowatt-hours Generated CHP				434,970	KWH
Net energy from Comed				-88,800	KWH
Monthly net energy				-81	MWH
MISCELLANEOUS					
Grit F	Removal	Oct		0	Cu. Yds
Grit F	Removal	YTD		200	Cu. Yds
Anaerobic Su	upernate			663,559	Gallons
Waste Activated	l Sludge			164,668	Gals/Day
City Water Co	nsumed			21,941	Gallons
•					

	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
10/1/2023	6.88											
10/2/2023	6.76											
10/3/2023	6.56											20.31
10/4/2023	6.63											
10/5/2023	10.75											
10/6/2023	7.89											
10/7/2023	7.02											
10/8/2023	6.76											
10/9/2023	6.76	7.18	3.48	399.9	196.1	51.5						
10/10/2023	6.53						44.0	19.9	2,408.0	1,083.1	55.0	
10/11/2023	6.09											
10/12/2023	15.13											20.16
10/13/2023	12.50											
10/14/2023	19.70											
10/15/2023	15.18											
10/16/2023	10.80											
10/17/2023	9.33											
10/18/2023	8.61											
10/19/2023	8.82											16.69
10/20/2023	9.43											
10/21/2023	7.96											
10/22/2023	7.40											
10/23/2023	7.44	6.27	3.29	380.6	204.1	47.5						
10/24/2023	7.16											
10/25/2023	7.67											
10/26/2023	8.59											22.68
10/27/2023	8.99											
10/28/2023	8.45											
10/29/2023	7.95											
10/30/2023	7.66											
10/31/2023	7.33						_					
Minimum	6.09	6.27	3.29	380.6	196.1	47.5	44.0	19.9	2,408.0	1,083.1	55.0	16.69
Maximum	19.70	7.18	3.48	399.9	204.1	51.5	44.0	19.9	2,408.0	1,083.1	55.0	22.68
Total	274.71	13.45	6.77	780.4	400.2	99.1	44.0	19.9	2,408.0	1,083.1	55.0	79.84
Average	8.86	6.73	3.39	390.3	200.1	49.5	44.0	19.9	2,408.0	1,083.1	55.0	19.96

### **DMR Copy of Record**

Permit

Permit #: IL0028380 Permittee:

DOWNERS GROVE SANITARY DISTRICT

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Major: Yes

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

From 10/01/23 to 10/31/23 **Monitoring Period:** 

**DMR Due Date:** 11/25/23

**Permittee Address:** 

Status:

Facility:

**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

Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

Last Name:

	Parameter	Monitoring Location Seas	son # Param. NOD		Qu	antity or Loading				Q	uality or Concentra	ition			# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Qualifier 1 Value 1 Quali	, ,	Units	Qualifier	1 Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
				Sample				=	7.8	=	7.6	=	7.5	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross 0		Permit Req					Req Mon MO AV MN	1	Req Mon MN WK A\	/	Req Mon DAILY MN	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	, , , , ,			Value NOD	ı												
				Sample						= 2	2.1	=	2.8	19 - mg/L		04/07 - Four Per Week	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross 0		Permit Req						<= :	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NOD	ı												
				Sample				=	7.0			=	7.5	12 - SU		05/DW - 5 Days Every Week	GR - GRAB
00400	рН	1 - Effluent Gross 0		Permit Req				>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NOD	ı												
				Sample						= (	0.5	=	0.7	19 - mg/L		05/DW - 5 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross 0		Permit Req						<= :	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NOD	ı												
				Sample						= (	0.1	=	0.1	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross 0		Permit Req							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NOD	ı												
				Sample						= ;	3.39	=	3.48	19 - mg/L		02/30 - Twice Per Month	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross 0		Permit Req							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NOD	ı												
				Sample						= (	0.02			19 - mg/L		02/DW - Twice Every Discharge Week	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross 0		Permit Req						<= (	0.75 MO AVG			19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NOD	1												
				Sample								=		13 - #/100m		02/DW - Twice Every Discharge Week	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross 0		Permit Req								<=	400.0 DAILY MX	13 - #/100m	- 0	DL/DS - Daily When Discharging	GR - GRAB
	, <b>3</b>			Value NOD	ı												
				Sample	=	274.71	80 - Mgal/mo									99/99 - Continuous	
82220	Flow, total	1 - Effluent Gross 0		Permit Req		Req Mon MO T	OTAL 80 - Mgal/mo	)							0	99/99 - Continuous	
	,			Value NOD	ı												

**Submission Note** 

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

**Edit Check Errors** 

No errors.

Comments

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

**Attachments** 

No attachments.

Report Last Saved By

**DOWNERS GROVE SANITARY DISTRICT** 

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

Date/Time: 2023-11-16 12:33 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2023-11-16 13:38 (Time Zone: -06:00)

### **DMR Copy of Record**

Permit

IL0028380 Permit #:

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

002 **Permitted Feature:** 

External Outfall

Discharge: 002-0

MIXING CHAMBER OVERFLOW TO ST JOSEPH CRK

Report Dates & Status

**Monitoring Period:** From 10/01/23 to 10/31/23 **DMR Due Date:** 11/25/23

General Manager

**NetDMR Validated** 

**Considerations for Form Completion** 

W0430300002; NUMBER OF DAYS OF DISCHARGE:CS

Underwood

**Principal Executive Officer** 

First Name:

Title:

Telephone:

Status:

630-969-0664

No Data Indicator (NODI)

Form NODI:

Last Name:

	Parameter	<b>Monitoring Location</b>	Season	# Param. NOD	1	Quantity	y or Loading					<b>Quality or Concentra</b>	ation		#	of Ex.	Frequency of Analysis	Sample Typ
Code	Name					Qualifier 1 Value 1 Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units			
					Sample Permit Reg									Reg Mon DAILY MN	10	DI /	DS - Daily When Discharging	CD CDAD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0											· ·	19 - mg/L	DL	DS - Daily When Discharging	GR - GRAB
					Value NOD									C - No Discharge				
					Sample Permit Reg						<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	DL/	DS - Daily When Discharging	GR - GRAP
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Value NOD						\ <u>-</u>	C - No Discharge		C - No Discharge	13 mg/L	55	DO Daily Which Discharging	OK OKAD
												C - No Discharge		C - No Discharge				
00400	-11	4			Sample Permit Reg				>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	DL/	DS - Daily When Discharging	GR - GRAB
00400	рн	1 - Effluent Gross	0		Value NOD					C - No Discharge				C - No Discharge				
					Sample					o no biconargo				O 110 Blocharge				
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req						<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	DL/	DS - Daily When Discharging	GR - GRAB
00530	Solius, total suspended	1 - Elliuent Gross	U		Value NOD							C - No Discharge		C - No Discharge			, 5 5	
					Sample							3						
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req									Req Mon DAILY MX	19 - mg/L	DL/	DS - Daily When Discharging	GR - GRAB
00010	introgen, animonia total [as 14]	1 Emdent Gross			Value NOD	ı								C - No Discharge				
					Sample													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	DL/	DS - Daily When Discharging	GR - GRAB
	, ,				Value NOD	ı						C - No Discharge		C - No Discharge				
					Sample													
50060	Chlorine, total residual	1 - Effluent Gross	0		Permit Req						<=	0.75 MO AVG			19 - mg/L	DL/	DS - Daily When Discharging	GR - GRAB
					Value NOD	1						C - No Discharge						
					Sample													
74055	Coliform, fecal general	1 - Effluent Gross	0		Permit Req								<=		13 - #/100mL	DL/	DS - Daily When Discharging	GR - GRAB
					Value NOD	I								C - No Discharge				
					Sample													
82220	Flow, total	1 - Effluent Gross	0		Permit Req		Req Mon MO TOTAL	80 - Mgal/mo	0							DL/	DS - Daily When Discharging	
					Value NOD	I	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: 2023-11-16 12:33 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2023-11-16 13:38 (Time Zone: -06:00)

### **DMR Copy of Record**

Permit

Major:

IL0028380 Permit #:

DOWNERS GROVE SANITARY DISTRICT Permittee:

2710 CURTISS STREET PO BOX 1412 **Permittee Address:** 

DOWNERS GROVE, IL 60515

Facility: **Facility Location:** 

Status:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

**Permitted Feature:** 003

External Outfall

Discharge: 003-0

EXCESS FLOW TO ST JOSEPH CREEK

Report Dates & Status

**Monitoring Period:** From 10/01/23 to 10/31/23

Yes

**DMR Due Date:** 11/25/23

Title:

**NetDMR Validated** 

**Considerations for Form Completion** 

W0430300002; NUMBER OF DAYS OF DISCHARGE:CS

**Principal Executive Officer** 

First Name: Amy

Last Name:

Underwood

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

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

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: 2023-11-16 12:34 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2023-11-16 13:38 (Time Zone: -06:00)

### **DMR Copy of Record**

Permit

Major:

Permit #: IL0028380

Yes

Permittee:

DOWNERS GROVE SANITARY DISTRICT

Permittee Address: 2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

**Facility Location:** 

WINLING GROVE S.D. - WASTEWATER TREATMENT CENTE

DOWNERS GROVE, IL 60515

5003 WALNUT AVENUE

Permitted Feature:

A01 External Outfall

Underwood

Discharge: A01-0

EXCESS FLOW FROM EXCESS FLOW CLARIFIERS

Report Dates & Status

Monitoring Period: From 10/01/23 to 10/31/23

DMR Due Date: 11/25/23

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

No Data Indicator (NODI)

Form NODI:

Last Name:

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

**Submission Note** 

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

**Edit Check Errors** 

No errors.

Comments

**Attachments** 

No attachments.

Report Last Saved By

**DOWNERS GROVE SANITARY DISTRICT** 

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

Date/Time: 2023-11-16 12:34 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2023-11-16 13:38 (Time Zone: -06:00)

### **DMR Copy of Record**

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: B01-0

MIXING CHAMBER DISCHARGE TO THE E BRANCH DUPAGE RVR

Report Dates & Status

**Monitoring Period:** From 10/01/23 to 10/31/23 DMR Due Date: 11/25/23 Status: **NetDMR Validated** 

5003 WALNUT AVENUE

DOWNERS GROVE, IL 60515

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Facility:

**Facility Location:** 

**Considerations for Form Completion** 

W0430300002; DMF LOAD LIMITS DISPLAYED.

**Principal Executive Officer** 

First Name: Amy

Title: General Manager Last Name: Underwood

Telephone: 630-969-0664

	Parameter	Monitoring Location Sea	son # Param NOD			Ou	antity or Loa	ading				Quality or Cond	centration			# of F	x. Frequency of Analysis	Sample Type
Code	Name	Monitoring Location oct			Qualifier 1		Qualifier 2		Units Qualifier	· 1 Value 1	Qualifier 2		Qualifier	3 Value 3	Units	# 01 L	x. Trequency of Analysis	Campic Type
				Sample									=	70.2	15 - deg F		01/30 - Monthly	GR - GRAB
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross 0		Permit Req.										Req Mon MO MAX	15 - deg F	0	01/30 - Monthly	GR - GRAB
				Value NODI														
				Sample					=	7.8	=	7.6	=	7.5	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross 1		Permit Req.					>=	5.5 MO AV MI		4.0 MN WK AV	>=	3.5 DAILY MN	19 - mg/L	0	02/DA - 2 Days Every Week	
00000	Oxygen, disserved [50]	1 Emdent Gross 1		Value NODI														
				Sample					=	7.0			=	7.5	12 - SU		05/DW - 5 Days Every Week	GR - GRAB
00400	рН	1 - Effluent Gross 0		Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/DA - 2 Days Every Week	
00400	pri	1 - Lindent Gloss 0		Value NODI														
				Sample									=	132.0	19 - mg/L		01/30 - Monthly	CP - COMPOS
00440	411 11 11 11 11 11 11 11 11 11 11 11 11	4 5" . 0		Permit Req.									_	Req Mon DAILY MX		0		CP - COMPOS
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross 0		Value NODI										1104 111011 27 1121 1117		0	c 1, cc menuny	0. 00
				Sample =		41.84	=	147.89	26 - lb/d		=	0.5	=	1.0	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPO
				Permit Req. <		2202.0 MO AVG		4404.0 DAILY MX				12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L	-	02/DA - 2 Days Every Week	
00530	Solids, total suspended	1 - Effluent Gross 0		Value NODI		2202.0 100 7100		TIO I.O BAILET MIX	20 15/4			12.0 100 700		Z 1.0 D/ IIZ I W/X	10 mg/L	0	OZ/B/Y Z Buyo Zvory Wook	
														10.0	40		04/00 Manathir	CP - COMPOS
				Sample Permit Req.									=	19.9 Req Mon DAILY MX	19 - mg/L		01/30 - Monthly 01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross 0												Req Worl DAILT WA	13-IIIg/L	0	0 1/30 - Monthly	Ci - COIVII OC
				Value NODI														
				Sample =		6.99		12.66	26 - lb/d		_	0.1	<	0.1	19 - mg/L		05/DW - 5 Days Every Week	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross 9		Permit Req. <	<= !	275.0 MO AVG	<=	550.0 DAILY MX	26 - lb/d		<=	1.5 MO AVG	<=	3.0 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
				Value NODI														
				Sample									<	1.0	19 - mg/L		·	CP - COMPOS
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross 0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
				Value NODI														
				Sample									=	19.9	19 - mg/L		01/30 - Monthly	CA - CALCTD
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross 0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CA - CALCTD
				Value NODI														
				Sample							=	3.39	=	3.48	19 - mg/L		02/30 - Twice Per Month	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross 0		Permit Req.								Req Mon MO AV	/G	Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
				Value NODI														
				Sample							=	3.44	=	3.44	19 - mg/L		01/30 - Monthly	CP - COMPOS
00666	Phosphorus, dissolved	1 - Effluent Gross 0		Permit Req.								Req Mon MO AV	/G	Req Mon DAILY MX		0	_	CP - COMPOS
00000	i nosphorus, uissorveu	1 Emdent Gross 0		Value NODI														
				Sample									=	140.0	19 - mg/L		01/30 - Monthly	GR - GRAB
00040	Chloride [as Cl]	1 - Effluent Gross 0		Permit Req.										Req Mon DAILY MX		_	-	GR - GRAB
00940	Cilionae (as Cij	i - Elliuent Gioss 0		Value NODI												U		
				Sample									=	0.0	23 - %			
00500				Permit Req.									= <=	10.0 MAXIMUM		_		
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross 0		Value NODI									,	. 5.0 5 ((14) 6) (1	_0 ,0	0		

			Sample	=	8.86	=	19.7	03 - MGD						99/99 - Continuous	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross 0	 Permit Req.		Req Mon MO AVO	3	Req Mon DAILY MX	03 - MGD					0	99/99 - Continuous	
	,		Value NODI												
			Sample								<	0.015	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross 0	 Permit Req.								<=	0.05 DAILY MX	19 - mg/L 0	02/DA - 2 Days Every Week	GR - GRAB
			Value NODI												
			Sample						=	4.67	=	29.0	13 - #/100mL	02/DA - 2 Days Every Week	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross 0	 Permit Req.						<=	200.0 GEO MEAN		Req Mon DAILY M	X 13 - #/100mL 0	02/DA - 2 Days Every Week	GR - GRAB
	<b>3</b>		Value NODI												
			Sample	=	82.14	=	252.39	26 - Ib/d	=	1.1	=	2.0	19 - mg/L	04/07 - Four Per Week	CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross 0	 Permit Req.	<=	1835.0 MO AVG	<=	3670.0 DAILY MX	26 - Ib/d	<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L 0	02/DA - 2 Days Every Week	CP - COMPOS
13002			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: 2023-11-16 12:38 (Time Zone: -06:00)

Report Last Signed By

 User:
 reeseberry

 Name:
 Dorrance Berry

 E-Mail:
 rberry@dgsd.org

Date/Time: 2023-11-16 13:38 (Time Zone: -06:00)

### **DMR Copy of Record**

Permit

Major:

IL0028380 Permit #:

Permittee:

DOWNERS GROVE SANITARY DISTRICT

DOWNERS GROVE, IL 60515

2710 CURTISS STREET PO BOX 1412 **Permittee Address:** 

Facility: **Facility Location:**  DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

**Permitted Feature:** 

C01 External Outfall

Yes

Discharge: C01-0

EXCESS FLOW FROM INTERMEDIATE CLARIFIER #1

Report Dates & Status

**Monitoring Period:** From 10/01/23 to 10/31/23 **DMR Due Date:** 11/25/23

Status: **NetDMR Validated** 

**Considerations for Form Completion** 

W0430300002; NUMBER OF DAYS OF DISCHARGE:CS

Underwood

**Principal Executive Officer** 

First Name: Amy Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

Last Name:

	Parameter	<b>Monitoring Location</b>	Season #	Param. NODI			Quantity of	or Loading				Quality or Cor	centration		;	f of Ex.	Frequency of Analysis	Sample Typ
Code	Name					Qualifier 1 Value	1 Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
0310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon DAILY MX C - No Discharge	-	-	DL/DS - Daily When Discharging	g GR - GRAB
0530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon DAILY MX C - No Discharge	-		DL/DS - Daily When Discharging	g GR - GRAB
0610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon DAILY MX C - No Discharge	-		DL/DS - Daily When Discharging	g GR - GRAB
0665	Phosphorus, total [as P]	1 - Effluent Gross	0		Sample Permit Req. Value NODI							Req Mon MO AVG C - No Discharg		Req Mon DAILY MX C - No Discharge		-	DL/DS - Daily When Discharging	g GR - GRAB
2220	Flow, total	1 - Effluent Gross	0		Sample Permit Req. Value NODI			eq Mon MO TOTAL :	80 - Mgal/mo	)							DL/DS - Daily When Dischargino	g CN - CONTII

**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: 2023-11-16 12:39 (Time Zone: -06:00)

Report Last Signed By

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

2023-11-16 13:38 (Time Zone: -06:00) Date/Time:

### **DMR Copy of Record**

Permit

Major:

Permit #: IL0028380

Permittee:

**Permittee Address:** 

DOWNERS GROVE SANITARY DISTRICT

2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

**Facility Location:** 

5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

Permitted Feature:

INF Influent Structure

Yes

Discharge:

Title:

INF-L

INFLUENT MONITORING

Report Dates & Status

Monitoring Period: From 10/01/23 to 10/31/23

DMR Due Date: 11/25/23

Status: NetDMR Validated

**Considerations for Form Completion** 

W0430300002

**Principal Executive Officer** 

First Name: Amy

Last Name: Underwood

General Manager

**Telephone:** 630-969-0664

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	Season #	Param. NODI			Qua	antity or Load	ling					Quality or Conc	entration			# of Ex	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier '	1 Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample								=	281.0			19 - mg/L		09/99 - See Permit	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AVG			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
					Value NODI													-		
					Sample								=	231.0			19 - mg/L		09/99 - See Permit	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	[	Permit Req.									Req Mon MO AVG			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
00000	Conuc, total cuoponucu	o rian comago milacin			Value NODI															
					Sample										=	44.0	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	[	Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
	The second control of	o rian conago ilinacin			Value NODI															
					Sample										=	7.18	19 - mg/L		02/30 - Twice Per Month	CP - COMPOS
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
00000	· Hoophorus, total [as / ]	o rian comago minacin			Value NODI															
					Sample	= 8	3.75	= 19	9.78	03 - MGD									99/99 - Continuous	
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0		Permit Req.	F	Req Mon MO AVG	R	eq Mon DAILY MX	03 - MGD								0	99/99 - Continuous	

Submission Note

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

Value NODI

**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: 2023-11-16 12:40 (Time Zone: -06:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2023-11-16 13:38 (Time Zone: -06:00)

#### DOWNERS GROVE SANITARY DISTRICT

#### MEMO

TO: Amy Underwood, General Manager

FROM: Nick Whitefleet, Maintenance Supervisor

DATE: November 19, 2023

SUBJECT: October 2023 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department during October 2023.

Special projects in October included:

#### **Administration Center Stationary Generator Installation**

The stationary generator previously operating at the Centex lift station that was removed during construction and repainted by DGSD personnel has been installed at the administration center. The generator relocation also included the procurement and installation of a new automatic transfer switch (ATO) that monitors utility power and in the event of a power loss will tell the generator to start and then transfer power to the administration center. This greatly increases the reliability of important network devices at the administration center and decreases the likelihood of DGSD personnel needing to come in on off hours to set up a portable generator. Total costs for this project were just under \$12,000. This is less than 50% of the cost of just the purchase of a new ATS and generator (not including the additional associated installation costs).

#### **WWTC & Hobson Lift Station Bio – Filter Overhauls**

The media and buried air circulation piping in both the WWTC and Hobson Lift station Bio-Filters were at the end of their effective lifespans. Over time the mulch breaks down and doesn't allow for sufficient air flow and begins to enter and clog the air piping. DGSD staff with the assistance of UNO Construction removed the existing media and buried piping and replaced it with new piping and fresh media. Both bio-filters are back in operation and performing as expected. Total costs for both bio-filter overhauls were \$2,585.

### <u>CHP System – Units 1&2 Operation Update</u>

**CHP 1:** Nissen's suspicions of an issue with the engine's ignition system were investigated. There was not an obvious fault found with the ignition system. Further Nissen investigation into the cause for the reduced spark plug life and occasional erratic KW output from the engine genset are being planned.

Nissen has not billed the District for this investigation and has indicated their desire to resolve the issues but to also work with the District to keep repair costs down. We are currently running CHP 1 under full load and monitoring it closely.

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

#### **Primary Clarifier 7 Scum Trough Replacement**

The scum trough used to collect F.O.G. from the surface of primary clarifier 7 was identified as requiring replacement. After receiving proposals from multiple companies offering troughs in a variety of materials it was determined that going with a steel trough from Amwell Inc. (the original designer / supplier of the clarifier) offered the District the most cost affective option. The new trough was epoxy coated by District personnel upon arrival. Once the epoxy had enough time to fully cure, District staff utilizing Stevenson Crane for aerial lifting, removed the old trough and installed the new. The new trough assembly seems to be performing as expected.

### **WAS Volute Thickener Deep Cleaning**

The PW Tech WAS Volute Thickener installed in Fall of 2020 had become unreliable to operate with frequent failures and shutdowns experienced. After numerous discussions with the manufacturer and attempts to determine the cause of these issues, it was advised by the manufacturer that the screw conveyor assemblies be removed so a thorough cleaning could be performed of the system internals. District personnel performed the removal procedure, cleaning, and reassembly of the volute thickener. I am pleased to report that the system is operating as desired and the costs for this repair were only \$112.

### **Procurements:**

Automatic Transfer Switch (ATS), Altorfer Caterpillar, for Admin Stationary Generator, \$4,730.92.

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

### Work Order Summary

Work Order Completion Dates from 10/5/2023 to 10/31/2023

Work Assignment	Completion Date	Equipment	NOTATIONS
2016 Toyota Forklift Hydraulic Fork Adjuster	05-Oct-23	2016 Toyota Forklift	Atlas Toyota supplied and installed hydraulic fork adjuster.
College LS Check Valve Spring Replacement		College Lift Station	Procured and installed stainless steel check valve springs. Former style were breaking frequently.
Grit Building, Check Heat		Grit Building	Replaced Compression fitting and pilot assembly.
MSB Interior Door Sweep Installation		Maintenance Services Building	Installed new mechanical door sweeps in place of broken or missing door sweeps in MSB.
Replace Wiper Grit Conveyors 1-2	06-Oct-23	Grit Conveyor System	
Dig. 4-5 Contol Bldg. Heat Check	10-Oct-23	Digester 4 - 5 Control Buildg	Replaced ignition/pilot assy. & Flame sensor on East unit. West Unit ok.
Full service and Oil change six month-Caterpillar Skid Steer-333	11-Oct-23	2019 Skid Steer	
Test for H2S at Unison Gas skid		CHP Gas Cleaning System	
Repair leak in valve vault floor.		College Lift Station	Patched floor with water weld and plugged deteriorated sump pit.
55,056 Miles. Change engine oil and filter.	12-Oct-23	2019 Ford F-150 Pickup	Changed oil and oil filter. Rotated tires.
Monthly Fire Extinguishers Inspection		5006 Walnut Eqpmnt Strge Bldg	
		Administration Center	
		Bar Screen Building	
Replace leaking hydraulic lines on press.		Belt Filter Press	
Monthly Fire Extinguishers Inspection		Belt Filter Press Building	
		Bisulfite Building	
		Blower Building	
		Digester 1 and 2 Control Bldg	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 1 Heat Exchanger	
		Digester 2 Heat Exchanger	
Monthly Fire Extinguishers Inspection		Digester 3 Control Building	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 3 Heat Exchanger	
Monthly Fire Extinguishers Inspection		Digester 4 - 5 Control Buildg	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 4 Heat Exchanger	
Seasonal open and close of Pearth 4 louvers		Digester 4 Mixing System	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 5 Heat Exchanger	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Monthly Fire Extinguishers Inspection		Emergency Generator Building	

Friday, November 17, 2023 Page 1 of 5

Work Assignment	Completion Date	Equipment	NOTATIONS
		Excess Flow Pump Station	
		Excess Flow Sludge	
		Pump House	
		Filter Building	
		Grit Building	
		Hypochlorite Feed Blg	
		Interm Clarifier Sludge Bldg Laboratory	
		Maintenance Services Building	
		Microstrainer Building	
		Operations Center	
		Raw Sewage Pump Station	
E ' D (' X 1 40		System Garage	
Exercise Ratio Valve #2		Tunnel - System 2 RAS Tunnel From PS to Grit	
Exercise both 24" primary influent ratio valves			
		Tunnel/Chan Primary Clarifiers	
CLEAN TWAS POLYMER EFFLUENT STRAINER		WAS Thickener Polymer System	
PM service on 335 Vermeer Trommel screen	13-Oct-23	3 2021 TROMMEL SCREEN	Change engine oil, filters, and hydraulic filters on Vermeer Screener.
Fix leaking rear tire on JD-Bring to Cassidy		2022 Deere 244L Wheel Loader	Bring leaking JD tire to Cassidy for repair.
CHP Engine Genset 1 Oil Change 18,697 hours		CHP Engine Genset #1	Changed oil and oil filters(2). Took oil sample and sent for lab analysis. (IND-71960)
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Check All Fluids In The Equipment Listed Below	17-Oct-23	3 2009 Sterling LT 7500	
		2014 Freightliner M2106 6 yd d	
		2015 Wheel Loader #332	
		2017 Deere 544K Wheel Loader	
		2019 Skid Steer	
		2022 Deere 244L Wheel Loader	
		4 inch EBARA Pump (Old Jaeger)	
		6 in CH&E DSL TRSH PMP PERKIN	
		6 in CHE Diesel Trash Pump C/P	
		6 in JAEGER PUMP ( FORD )	
Clean Office Roof Of All Debris		Administration Center	

Friday, November 17, 2023 Page 2 of 5

Work Assignment	Completion Date	Equipment	NOTATIONS
Six Month Oil Change Intermediate Tanks 1 - 2 - 3		Intermediate Clarifier 1	
		Intermediate Clarifier 2	
		Intermediate Clarifier 3	
Check All Fluids In The Equipment Listed Below		Portable Generator 150	
		Portable Generator 200	
		Portable Generator 350	
		WWTC ODS Pump Air Compressor	
Oil Bell & Gosset Pumps	18-Oct-23	Digester 1 Heat Exchanger	
		Digester 2 Heat Exchanger	
		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Oil Bell & Gosset Pumps		Excess Flow Pump Station	
Quartely Flow Test In Maintenance Garage		Maintenance Services Building	
SEASONAL ON/OFF FOR SPRAY WATER - SEC. 6-9		Secondary Clarifier 6	
		Secondary Clarifier 7	
		Secondary Clarifier 8	
		Secondary Clarifier 9	
2 Month grease of new WAS pump #2	20-Oct-23	Conc. Tank Thickener Pump 2	
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	
EXCESS 003- Exercise 30" and 24" DEZURIK Valves	23-Oct-23	Excess Flow 003 Valves	
Bio-Filter Media Change out		Hobson Lift Station	Replaced drain tile / fittings with new (Menards). Rqrd.Tools (Home depot)Grass Seed (Conserv FS) Removed all media and piping. Replaced with new.
Bio - Filter Media Changeout		WWTC Bio-Filter	
CHP Engine Genset 2 Oil Change (31,243 hours)	24-Oct-23	CHP Engine Genset #2	Changed oil and oil filters(2). Took oil sample and sent for lab analysis. (IND-71986)690 oil hours.
Check Hose Connections On #2 & #4 PEARTH Units		Digester 2 Mixing System	

Friday, November 17, 2023 Page 3 of 5

Work Assignment	Completion Date	Equipment	NOTATIONS
		Digester 4 Mixing System	
Lubricate skid steer and attachment mechanisim	25-Oct-23	2019 Skid Steer	
22 Month Replacement of UPS batterries on ABS Units 1 & 2		Aeration Blower ABS	Replaced magnetic bearing controller UPS batteries. 4 per ABS, 8 batteries total
		Aeration Blower ABS #2	
Turn on/off heat trace for various equipment		Aeration Tank 05	
		Aeration Tank 06	
		Aeration Tank 07	
Change Pre-Filters Blowers 1 - 4.		Blower Bag Room	
Turn on/off heat trace for various equipment		CHP Gas Cleaning System	
Remove/Install Insulating Jackets on Digester Gas Equipment		Digester 5 Cover	
Seasonal Open/Close of 003 30" drain line by Ebarra pumps		Excess Flow Pump 10	
		Excess Flow Pump 11	
		Excess Flow Pump 12	
Check, Remove, Clean. Grease-debris from wells		Excess Flow Pump Station	
		Raw Sewage Pump Station	
Exercising of secondaries 1 and 2 influent gates		Secondary Clarifier 1	
		Secondary Clarifier 2	
Wroble Lift Station Cellular Router Replacement		Wroble Lift Station	DGSD staff installed new cellular router at lift station. Concentric configured and verified operation.
Oil Change & Flush bearings and housing for Blowers #6-#8	26-Oct-23	Aeration Blower 06	
		Aeration Blower 07	
		Aeration Blower 08	
Butterfield Lift Station Cellular Router Upgrade		Butterfield Lift Station	DGSD staff installed new cellular router, Concentric Integration configured and verified operation of router.
MONTHLY EXERCISE OF ALL HEAT EXCHANGERS- GAS MODE		Digester 1 Heat Exchanger	
		Digester 2 Heat Exchanger	
		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
Oil, filters, lube of Snow Plows	27-Oct-23	2014 Ford F-250 Plow Truck	
		2020 F350 4x4	
Change small air filter located on Unison Control Panel A/C Air		CHP Gas Cleaning System	
intake By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
Friday November 17, 2023			Page 4 of 5

Friday, November 17, 2023 Page 4 of 5

Work Assignment	Completion Date	Equipment	NOTATIONS
		Emergency Generator 3	
Calibrate Influent, Effluent, & Excess Flow Transducers		Flow Meter - Excess	Verified flowmeters at all three locations.
		Flow Meter - Influent	
		Flow Meter - Tertiary	
Six Month Oil Change Secondaries 6 - 7 - 8 - 9		Secondary Clarifier 6	
		Secondary Clarifier 7	
		Secondary Clarifier 8	
		Secondary Clarifier 9	
EXERCISING OF EXCESS RAW SEWAGE VALVING	30-Oct-23	Excess Flow Pump 06	
		Excess Flow Pump 07	
		Excess Flow Pump 08	
		Excess Flow Pump 09	
Exercising of Raw and Excess		Excess Flow Pump	
Influent valves		Station	
6 Month Oil Change Raw Sludge Pumps 2, 3, 5		Primary Sludge Pump 2	
		Primary Sludge Pump 3	
		Primary Sludge Pump 5	
Exercising of Raw and Excess Influent valves		Raw Sewage Pump Station	
Replaced clearance outside light on cab of 354	31-Oct-23	3 2014 Freightliner M2106 6 yd d	Replaced lamp assembly on 354 Passenger side cab clearance light.
500 Hour Oil Change on Pearth 4		Digester 4 Mixing System	

Friday, November 17, 2023 Page 5 of 5

# DOWNERS GROVE SANITARY DISTRICT

M E M O

DATE: November 13, 2023

Amy Underwood General Manager TO:

FROM: Todd Freer

Sewer System Maintenance Supervisor

Contractors)

Monthly Report – September 2023 RE:

1.			
	JULIE Line Markings:	Current	Year to Date
	Received	1,341	12,642
	In District	1,329	12,181
	Marked	260	2,826
	Man Hours	78.5	1,013
2.			
	Building Service:	Current	Year to Date
	BSSRAP TV Inspections	20	209
	Emergency BSSRAP Repairs	14	118
	Total BSSRAP Repairs	20	167
	I&I Inspections	0	27
	I&I C.O. Inspections	0	2
	Replace Broken Cleanout Caps	1	4
	OHSP TV Inspections	0	0
	Post Rodding TV	10	63
3.			
	Sewer Back-Ups:	Current	Year to Date
	Public Sewer	1	5
	Private Sewer	24	196
	Surcharged Main	0	0
	Pump Station	0	0
	Total	25	191
4.			
		Current	Year to Date
	Sewer Cleaning (DGSD Personnel):	42,639	302,933 Ft.
	a. Sewer Cleaning (Outside Contractors)	0	354 Ft.
5.			
	Main Sewer Televising (DGSD personnel) a. Sewer Televising (Outside	0	3,248 Ft.
		0	Λ.Γ.

0

0 Ft.

6.

	LETS TV	Current 0	Year to Date
7.	Manhole Inspections	0	32

- 8. Visu-Sewer 's lateral lining contractor is in the process of reinstalling the lateral liner for the building service at 2223 Ogden Avenue due to the unusual pipe configuration. The reinstallation is targeted for the week of 11/13/2023.
- 9. Miscellaneous: (Sewer System Personnel)

Brandon Morris was hired as the new Sewer System Engineering Technician and started October 10<sup>th</sup>.

CC: WDVB, AES, JMW, KJR, RTJ, MJS, DM, CSS

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

DATE: November 13, 2023

Amy R. Underwood TO:

General Manager

FROM: Keith Shaffner

Sewer Construction Supervisor

Monthly Report: Sewer Construction \ Code Enforcement – October 2023 RE:

1.	Per	mits issued:	Current	Year to Date
	a.	Single family	8	44
	b.	Multiple family	0	0
	c.	Commercial	1	10
	d.	Repair	0	9
	e.	Disconnection	<u>1</u>	<u>15</u>
		Total	10	78
2.	Ins	pections made:	Current	Year to Date
	a.	Connections	4	72
	b.	Finals	3	37
	c.	Repairs	1	9
	d.	Disconnects	2	24
	e.	Groundwork	0	0
	f.	Walk-Thru	0	0
	g.	Pre-connections	1	5
	h.	Overhead Sewer Program	0	0
	i.	Code Enforcement	1	8
	j.	Lateral testing	<u>10</u>	<u>49</u>
		Total	22	204

3. New Sewer Extension Construction:

Norfolk Sanitary Sewer Main Extension

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

Dunham Sanitary Sewer Main Extension

5. Code Enforcement:

None

## 6. Plan & Permit Reviews:

- a. 7124 Matthias Single Family Home Review
- b. 7128 Matthias Single Family Home Review
- c. 4833 Cornell Single Family Home Review
- d. 6018 Fairview Single Family Home Review
- e. 544 Franklin Single Family Home Review
- f. 1310 Gilbert Single Family Home Review
- g. 28 Roslyn Single Family Home Review
- h. 5309 Grand Single Family Home Review
- i. 1550 75<sup>th</sup> Commercial Review

# 7. Building Sanitary Service Access Agreements:

- a. 4920 Stonewall Downers Grove
- b. 4508 Stonewall Downers Grove
- c. 5707 Elinor Downers Grove
- d. 424 36<sup>th</sup> Downers Grove
- e. 4833 Cornell Downers Grove
- f. 28 Roslyn Westmont

## 8. Illinois EPA Permits:

None

# 9. Miscellaneous:

None

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

# **Permits Issued: OCTOBER 2023**

YEAR	PERMIT #	<b>ADDRESS</b>	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2023	68	4902	STONEWALL	DG	10/4/2023	SF-RB		\$260.00
2023	67	4508	STONEWALL	DG	10/5/2023	SF-RB		\$260.00
2023	31	5707	ELINOR	DG	10/9/2023	SF-SC	\$3,762.50	\$260.00
2023	72	544	FRANKLIN	DG	10/10/2023	DISCON		
2023	65	424	36TH	DG	10/12/2023	SF	\$3,762.50	\$260.00
2023	76	1310	GILBERT	DG	10/18/2023	SF-RB		\$260.00
2023	78	1550	75TH	DG	10/24/2023	COM		\$431.00
2023	77	6018	FARIVEIW	DG	10/26/2023	SF	\$3,762.50	\$260.00
2023	73	4833	CORNELL	DG	10/30/2023	SF	\$3,762.50	\$260.00
2023	80	28	ROSLYN	DG	10/31/2023	SF-RB		\$260.00
					TOTAL:		\$15,050.00	\$2,511.00

# **Permit Final Inspections: OCTOBER 2023**

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2022	66	935	OGDEN	DG	10/5/2023
2022	88	4808	MONTGOMERY	DG	10/9/2023
2022	96	4837	DRENDEL	DG	10/23/2023

# **Progress Report**

To: Amy Underwood, General Manager From: Reese Berry, Laboratory Supervisor

Date: November 16, 2023

Re: October 2023 Laboratory Report

DGSD had zero excess flow sampling events during October 2023. We had no permit excursions in October.

# **Pretreatment:**

Regal Rexnord's pretreatment permit was issued in the month of October with an expiration date of October 20, 2028.

We will be sampling at our current permitted industrial users during the month of November. We will also be sampling our Influent, Primary Effluent and Plant Effluent for semi-annual requirements during the month of November.

We are currently evaluating a permit application from Lovejoy, Inc. Lovejoy installed a new process at their facility, which will require a pretreatment permit to be in place. They are aware, if they use this process prior to a permit being issued, they will haul away the waste and will not discharge to the sanitary sewer.

We are also evaluating Industrial Waste Survey (IWS) responses to follow-up with current locations to see if permitting is necessary.

# Surcharge:

During the month of October, we sampled 6 locations. We have 2 sampling weeks left, which will complete the surcharge sampling for 2023.

# **Open House:**

The laboratory had a table in the MSB to display what analysis we are responsible for by our USEPA and IEPA permits. We had an interactive microscope setup to show live organisms in our aeration basin, which is always a hit with kids. We get the opportunity to answer questions and educate the public with our USEPA and IEPA permit testing requirements.

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

To: Board of Trustees From: Amy Underwood

Re: Engineering Report for the Month October 2023

Date: November 17, 2023

# I. Planning Projects & Studies

# A. Biosolids Processing Improvements

Baxter & Woodman (B&W) is evaluating potential improvements to digester heating and dewatering. Staff also asked B&W to consider filtrate equalization or other ways to manage nutrients in the recycle streams which are returned to the head of the plant.

# B. WWTC & Lift Station Code Walk-Through

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

## C. Butterfield Lift Station Study

B&W is analyzing full replacement of the Butterfield Lift Station, which is nearing its useful life. A progress meeting will be held on November 21.

## **II. Design Projects**

#### A. Venard Forcemain Replacement

Soil borings were taken in mid-October. B&W is preparing plans and specifications.

## B. Underground Diesel Storage Tank Replacement

District staff are reviewing the draft bid documents.

## **III. Construction Projects**

# A. Centex Lift Station Replacement

No pay request was submitted this month. ComEd required a signoff from the Village electrical inspector. The inspection has been completed and the work has passed. Berger is hopeful that ComEd will schedule their work soon.

## B. Outfall 001 Sanitary Sewer Repair

No pay request was submitted this month. A section of outfall pipe was replaced in mid-November, and cleaning of the rest of the pipe and the siphons is expected to be completed before Thanksgiving. The televised inspection of the new section of pipe will be completed in mid-December.

Section of 42" reinforced concrete pipe being lowered into place:



Removed outfall pipe, which was originally installed in the mid-1950s:



# C. 2023 Painting Services

The lift station work is complete. The contractor is working in the grit building basement and tunnels.

# D. SCADA Platform Replacement (Ignition)

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

	<u>FYE 24</u>	<u>Total (FYE24 &amp; 25)</u>
Engineer's Fee	\$160,000.00	\$236,300.00
Total Completed to Date	\$86,341.61	\$86,341.61
Less Previous Payments	<u>-\$72,405.89</u>	<u>-\$72,405.89</u>
Current Payment Due	<u>\$13,935.72</u>	\$13,935.72
Remaining	\$73,658.39	\$149,958.39

The lift station screens are being reviewed by DGSD staff. Concentric has started working on screens for the WWTC and the entry sheets for lab data.

# E. Basin 2D Sewer Lining

The lateral liner for the private property on Ogden Ave wrinkled. The contractor has removed it. The vertical section of pipe was relined. The horizontal sections of the pipe are scheduled to be lined on November 27.

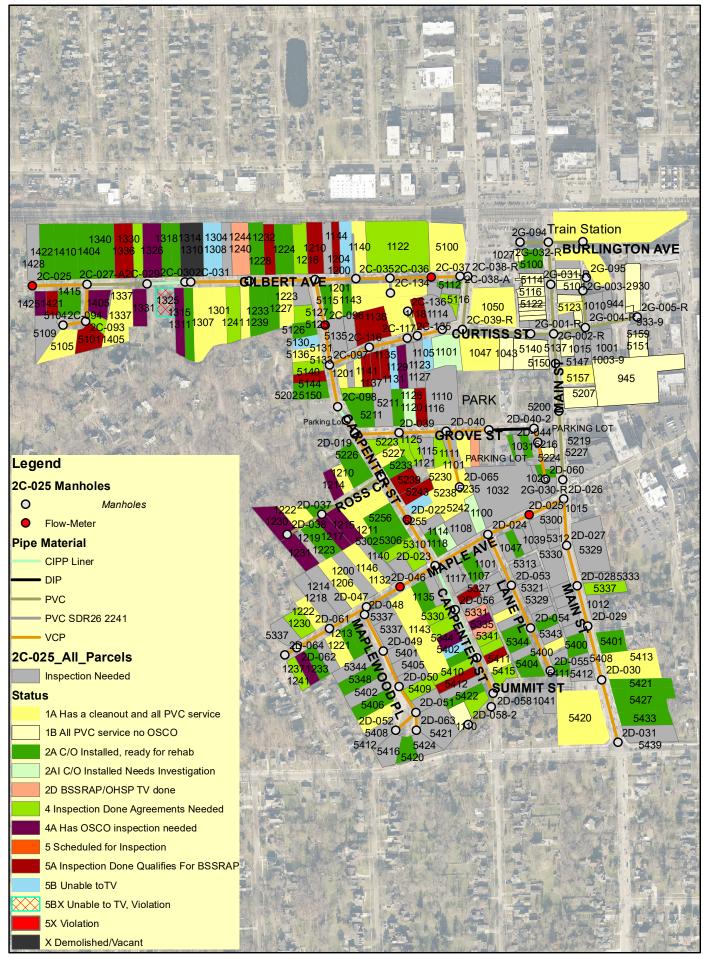
# F. Curtiss Street Sewer Lining

Work is expected to start in December.

C: BOLI, CS, DM



# 2C-025 I&I Investigation Status



# STATUS OF PARCELS 2C-025 I&I INVESTIGATION

Category	Inspections Scheduled	Inspections Completed	Application Received	Agreements Signed	Cleanout Installed	Service Rehab Done	Totals	Total as Percentage
1A	Υ	Y	N	Υ	Υ	N/A	47	15%
1B	Υ	Υ	N	N	N	N/A	27	9%
2A	Υ	Υ	Υ	Υ	Υ	N	58	19%
2AI	Υ	Υ	Υ	Υ	Υ	N	4	1%
2B	Υ	Υ	Υ	Υ	Υ	N	0	0%
2D	Υ	Υ	Υ	N	N	N	4	1%
4	Υ	Υ	N	N	N	N	27	9%
4A	N	N	N	N	N/A	N	15	5%
5	Υ	N	N	N	N	N	0	0%
5A	Υ	Υ	N	N	N	N	18	6%
5AX	Υ	Υ	N	N	N	N	0	0%
5B	Υ	N	N	N	N	N	8	3%
5BX	Υ	N	N	N	N	N	1	0%
0	N	N	N	N	N	N	99	32%
X	-	-	-	-	-	-	0	0%
5X	-	-	-	-	-	-	1	0%
							309	100%

#### **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

24% Complete

2022 Basin I&I Ranking = 9

# DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE DATE 10/31/2023

CASH BALANCES				-	TOTAL BALANCE	FREVIOUS MONTH				
ACCOLINE NAME	ACCOUNT NUMBE		BALANCE PER ANK STATEMENT		PER BANK STATEMENTS	MONTHLY	EARNINGS CREDIT			
ACCOUNT NAME		:K B	ANK STATEMENT		STATEMENTS	EARNINGS CREDIT	PERCENTAGE			
DEPOSIT DISBURSEMENT	XXXXXXXXXX1116 XXXXXXXXXX1111		\$1,343,965.77							
FLEXIBLE BENEFITS	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		199,158.45 12,305.27							
PAYROLL	XXXXXXXXX1117		241,641.16							
PETTY CASH USER REFUNDS	XXXXXXXXXX1112 XXXXXXXXXX1114		5,800.00 7,008.58							
	***************************************		,		•	•				
TOTAL - CASH AT BANK			\$1,809,879.23		\$1,986,330.77	\$2,395.54	0.1206%			
INVESTMENTS					GENERAL			PUBLIC	SEWER	INTEREST
				ANNUAL	CORPORATE	IMPROVEMENT	CONSTRUCTION	BENEFIT	EXTENSION	EARNED
TYPE FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	INT. RATE	FUND (01)	FUND (02)	FUND (03)	FUND (05)	FUND (71)	AT MATURITY
CD EVERGREEN BANK GROUP	ONGOING	2/24/2024	\$255,856.37	4.700%	\$255,856.37					\$12,025.25
CD STEARNS BANK	ONGOING	4/12/2024	\$250,000.00	5.000%	\$250,000.00					\$12,500.00
CD LISLE SAVINGS BANK	ONGOING	5/18/2024	\$249,000.00	5.260%	\$249,000.00					\$13,097.40
CD TRISTATE CAPITAL BANK	ONGOING	8/9/2024	\$250,000.00	5.470%			\$250,000.00			\$13,675.00
TOTAL CDs			\$1,004,856.37	5.105%	\$754,856.37	\$0.00	\$250,000.00	\$0.00	\$0.00	\$51,297.65
				CURRENT						ESTIMATED
				RATE OF						ANNUAL
TYPE FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT*	RETURN						RETURN
MM BANKFINANCIAL	ONGOING	6/21/2023	\$252,992.49	5.250%	\$252,992.49					\$13,282.11
MM LISLE SAVINGS BANK	ONGOING	11/10/2020	\$1,009.92	0.600%	\$1,009.92					\$6.06
MM PEOPLES BANK	ONGOING	12/4/2012	\$372.78	0.000%	\$372.78					\$0.00
MM TRISTATE CAPITAL BANK	ONGOING	4/16/2021	\$11.91	3.000%			\$11.91			\$0.36
MM OLD SECOND NATIONAL BANK	ONGOING	11/20/2012	\$5,148.29	0.100%			\$5,148.29			\$5.15
TOTAL MM ACCOUNTS			\$259,535.39	5.122%	\$254,375.19	\$0.00	\$5,160.20	\$0.00	\$0.00	\$13,293.67
ILLINOIS FUNDS - MONEY MARKET			\$7,633,573.81	5.532%	\$5,664,465.75	\$888,814.78	\$1,080,293.28	\$0.00	\$0.00	\$422,289.30
TOTAL - ALL INVESTMENTS			\$8,897,965.57	5.472%	\$6,673,697.31	\$888,814.78	\$1,335,453.48	\$0.00	\$0.00	\$486,880.62

PREVIOUS MONTH

TOTAL CASH AND INVESTMENTS \$10,707,844.80

<sup>\*</sup>INVESTMENT ACCOUNT BALANCES ARE UPDATED QUARTERLY FOR THESE MONEY MARKET ACCOUNTS TO REFLECT NOMINAL INTEREST AMOUNTS EARNED EACH MONTH AND POSTED DIRECTLY TO THE INVESTMENT.

Board of Trustees Wallace D. Van Buren President Amy E. Sejnost Vice President Jeremy M. Wang Clerk



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

**Legal Counsel**Daniel McCormick, P.C.

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

Providing a Better Environment for South Central DuPage County

#### **MEMORANDUM**

To: Board of Trustees

From: Amy R. Underwood, General Manager

Date: November 17, 2023

Subject: Treasurer's Report for October 2023

Attached please find the subject report that tracks income and expenses for the first half of Fiscal Year 23-24.

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

Year-to-date	Income	Expenses			
General Fund	\$ 6,131,551.67 (page 1)	\$ 5,471,561.85 (page 6)			
Improvement Fund	\$ 437,730.49 (page 7)	\$ 677,322.39 (page 7)			
Construction Fund	\$ 95,884.48 (page 8)	\$ 19,587.44 (page 9)			
Public Benefit Fund	\$ 0.00 (page 10)	\$ 0.00 (page 10)			
TOTAL	\$ 6,665,166.64	\$ 6,168,471.68			

The budget code 15.B124 was created under Fund 01 to track engineering work on the lift stations. This is the first month this code has been used. The District's consulting engineering firm, Baxter & Woodman (B&W), is studying replacement of the Butterfield Lift Station. This work was budgeted as part of the Staff Engineer's labor, but upon his resignation, B&W was asked to complete the study.

C: BOLI, DM, CS

Downers Grove Sanitary District Date: 11/09/2023

Treasurer's Report Recap for Month Ending 10/31/23 Page: 1

Fund	nun	ıbe	er & Description	Ending
				Fund Balance
Fund	01	:	GENERAL FUND	\$7,760,783.77
Fund	02	:	IMPROVEMENT FUND	\$1,165,169.08
Fund	03	:	CONSTRUCTION FUND	\$1,868,530.19
Fund	05	:	PUBLIC BENEFIT FUND	\$37,817.83
Recap	Т	ota	als	\$10,832,300.87

TREASURER'S REPORT

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 1 FUND 01 GENERAL FUND

COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
DEPT 05 REVENUES		======	=======	=======		======	
3000 PROPERTY TAXES	8,520.05-	29,618-	1,402,943.13-	1,387,838-	15,105.13-	1.1	1,403,700-
3001 USER RECEIPTS	348,229.25-	339,026-	2,008,848.59-	1,957,320-	51,528.59-	2.6	3,959,800-
3002 SURCHARGES	33,221.35-	35,788-	202,936.20-	206,617-	3,680.80	1.8-	418,000-
3004 PLAN REVIEW FEES	.00	0	.00	250-	250.00	100.0-	500-
3005 CONSTRUCTION INSPECTION FEES	.00	0	.00	240-	240.00	100.0-	500-
3006 PERMIT INSPECTION FEES	2,251.00-	1,700-	9,133.00-	10,200-	1,067.00	10.5-	20,000-
3007 INTEREST ON INVESTMENTS	38,692.32-	5,600-	199,343.55-	33,600-	165,743.55-	493.3	67,050-
3013 SAMPLING AND MONITORING	8,216.18-	9,400-	60,945.01-	56,600-	4,345.01-	7.7	113,000-
3014 REPLACEMENT TAXES	36,030.52-	18,500-	140,278.05-	62,400-	77,878.05-	124.8	120,000-
3015 MISCELLANEOUS INCOME	298.25-	400-	682.71-	2,600-	1,917.29	73.7-	5,000-
3016 SALE OF ELECTRICITY	.00	1,000-	.00	6,000-	6,000.00	100.0-	12,000-
3020 SALE OF PROPERTY	.00	3,100-	13,528.00-	19,100-	5,572.00	29.2-	37,700-
3021 TELEVISION INSPECTION	.00	0	.00	0	.00	.0	150-
3023 PROPERTY LEASE PAYMENTS	3,145.44-	3,275-	19,331.59-	19,650-	318.41	1.6-	39,300-
3024 MONTHLY SERVICE FEES	388,796.83-	414,112-	2,359,760.70-	2,390,818-	31,057.30	1.3-	4,836,800-
3027 GREASE WASTE	17,963.46-	19,000-	90,936.52-	116,000-	25,063.48	21.6-	230,000-
3035 INTERFUND TRANSFER	.00	400,000	400,000.00	800,000	400,000.00-	50.0-	800,000
3040 RENEWABLE ENERGY CREDITS	6,388.80-	6,000-	22,884.62-	12,000-	10,884.62-	90.7	24,000-
3094 GRANTS AND INCENTIVES	.00	509,881-	.00	509,881-	509,881.00	100.0-	1,589,881-
		=======	=========	========		=======	
DEPT 05 TOTALS	891,753.45-		6,131,551.67-		140,437.67-		2,077,381-
FUND REVENUE TOTAL	891,753.45-	·	6,131,551.67-		140,437.67-		2,077,381-
DEPT 11 O & M EXPENSES - ADMINISTRATION		=======	=======	=======		======	
SECT A SALARIES AND WAGES							
A001 TRUSTEES	.00	0	9,000.00	9,000	.00	.0	18,000
A002 BOLI	.00	0	.00	450	450.00-	100.0-	900
A003 GENERAL MANAGEMENT	10,990.09	11,214	124,357.77	137,675	13,317.23-	9.7-	272,250
A004 FINANCIAL RECORDS	17,108.02	9,858	123,796.18	136,160	12,363.82-	9.1-	254,450
A005 ADMINISTRATIVE RECORDS	2,098.90	962	15,752.19	13,357	2,395.19	17.9	24,900
A006 ENGINEERING	.00	164	1,105.96	2,282	1,176.04-	51.5-	4,250
A007 CODE ENFORCEMENT	19,913.57	19,336	199,722.90	254,374	54,651.10-	21.5-	430,700
A008 SAFETY ACTIVITIES	3,610.75	1,906	31,644.28	26,634	5,010.28	18.8	49,500
A030 BUILDING AND GROUNDS	850.61	37	4,553.65	706	3,847.65		1,150
SECT A TOTALS	54,571.94	43,477	509,932.93	580,638	70,705.07-	12.2- 1	1,056,100
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	672.45	425	1,134.31	3,550	2,415.69-	68.1-	5,500
B101 NATURAL GAS	53.54	300	1,253.81	1,150	103.81	9.0	3,000
B102 WATER, GARBAGE AND OTHER UTILITIES	.00	0	247.68	660	412.32-	62.5-	1,250
B110 BANK CHARGES	32.80	2,100	436.04	12,600	12,163.96-	96.5-	25,200
B112 COMMUNICATION	2,138.93	2,400	14,310.73	14,400	89.27-	.6-	28,000
B113 EMERGENCY/SAFETY EQUIPMENT	484.44	1,100	8,278.15	7,900	378.15	4.8	20,450
B115 EQUIPMENT/EQUIPMENT REPAIR	12,722.80	16,900	101,451.72	87,300	14,151.72	16.2	165,000

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	8	BUDGET
	=========	========		=======	=========	=======	
B116 SUPPLIES	824.96	600	3,524.23	3,600	75.77-	2.1-	7,000
B117 EMPLOYEE/DUTY COSTS	772.78-	1,600	6,219.28	9,600	3,380.72-	35.2-	19,000
B118 BUILDING AND GROUNDS	1,725.62	5,000	179,399.63	52,500	126,899.63	241.7	74,500
B119 POSTAGE	5.65	630	3,128.13	3,780	651.87-	17.3-	7,550
B120 PRINTING/PHOTOGRAPHY	.00	400	6,036.61	10,800	4,763.39-	44.1-	12,700
B121 USER BILLING MATERIALS	845.32	7,000	35,229.90	46,000	10,770.10-	23.4-	88,000
B124 CONTRACT SERVICES	3,010.16	14,000	41,661.14	84,000	42,338.86-	50.4-	167,000
B137 MEMBERSHIPS/SUBSCRIPTIONS	4,773.00	1,650	4,907.40	2,550	2,357.40	92.5	9,500
SECT B TOTALS	26,516.89	54,105	407,218.76	340,390	66,828.76 =======	19.6	633,650
SECT C VEHICLES							
C222 GAS/FUEL	382.36	250	1,050.99	1,700	649.01-	38.2-	3,200
C225 OPERATION/REPAIR	15.78	0	175.90	1,300	1,124.10-	86.5-	2,600
SECT C TOTALS	398.14	250	1,226.89	3,000	1,773.11-	59.1-	5,800
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DEPT 11 TOTALS	81,486.97	97,832	918,378.58	924,028	5,649.42-		1,695,550
DEPT 12 O & M EXPENSES - WWTC							
SECT A SALARIES AND WAGES							
A006 ENGINEERING	134.93	2,255	3,318.65	31,293	27,974.35-	89.4-	58,350
A009 OPERATIONS MANAGEMENT	5,440.96	4,746	55,242.39	56,948	1,705.61-	3.0-	113,900
A010 MAINTENANCE - BUDGET	.00	24,316	.00	397,835	11,502.00-	2.9-	689,650
A011 MAINTENANCE - WWTC	27,122.39	0	264,523.14	0	.00	.0	0
A012 MAINTENANCE - VEHICLES	328.00	0	328.00	0	.00	.0	0
A013 MAINTENANCE - ENERGY RECOVERY	685.54	0	8,237.79	0	.00	.0	0
A014 MAINTENANCE - ELECTRICAL	15,960.67	0	113,244.07	0	.00	.0	0
A020 WWTC - BUDGET	.00	23,675	.00	330,500	11,136.94-	3.4-	614,600
A021 WWTC - OPERATIONS	27,662.48	0	214,924.33	0	.00	.0	0
A022 WWTC - SLUDGE HANDLING	14,194.34	0	99,858.45	0	.00	.0	0
A023 WWTC - ENERGY RECOVERY	599.51	0	4,580.28	0	.00	.0	0
A030 BUILDING AND GROUNDS	8,052.35	4,544	48,105.67	64,581	16,475.33-	25.5-	119,150
SECT A TOTALS	100,181.17	59,536	812,362.77	881,157	68,794.23-		L,595,650
SECT B OPERATIONS AND MAINTENANCE	=========	========	-========		=========	======	
B100 ELECTRICITY	13,768.29	5,500	40,831.71	33,600	7,231.71	21.5	65,000
B101 NATURAL GAS	363.05	700	1,923.02	4,000	2,076.98-		12,500
B102 WATER, GARBAGE AND OTHER UTILITIES	492.67	2,000	27,448.78	22,000	5,448.78		40,550
B103 ODOR CONTROL	2,087.06	400	2,087.06	2,100	12.94-	.6-	3,400
B104 FUEL - GENERATORS	2,087.08	0	.00	8,250	8,250.00-	100.0-	16,500
B112 COMMUNICATION B113 EMERGENCY/SAFETY EQUIPMENT	1,585.55 260.00	2,500 3,000	12,373.45 4,878.28	15,100 18,000	2,726.55- 13,121.72-	18.1- 72.9-	27,600 35,350
B116 SUPPLIES	2,013.01	2,700	15,278.69	16,550	1,271.31-	72.9-	32,750
B117 EMPLOYEE/DUTY COSTS	3,574.16	3,000	16,236.97	16,330	36.97	.2	30,000
B124 CONTRACT SERVICES	3,374.10	3,000	203,485.00	203,500	15.00-	.0	203,500
B130 NPDES PERMIT FEES	.00	0	53,000.00	53,000	.00	.0	53,000
DISS TIPED LEIGHT LEED	. 30	J	33,000.00	33,000	.00	. 0	33,000

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 3 FUND 01 GENERAL FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
B131 SLUDGE HAULING/DISPOSAL SERVICES	89,937.51	0	89,937.51	0	89,937.51	.0	90,000
B400 CHEMICALS - BUDGET	.00	31,615	.00	224,650	139,542.96-	62.1-	287,950 0
B401 CHEMICALS - DISINFECTION B402 CHEMICALS - SLUDGE DEWATERING		0	26,663.82	0	.00	.0	0
B403 CHEMICALS - SLODGE DEWATERING B403 CHEMICALS - TERTIARY TREATMENT	3,074.04	0	6,732.00	0	.00	.0	0
B404 CHEMICALS - TERTIARI TREATMENT	.00 49.52	0	21,512.01	0	.00	.0	0
B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS	132.12	7,000	40,926.29	42,000	1,073.71-	2.6-	234,100
B502 EQPT/EQPT REPAIR - DISINFECTION	.00	2,400	2,525.73	16,900	14,374.27-	85.1-	31,300
B503 EQPT/EQPT REPAIR - EXCESS FLOW	.00	2,600	3,384.51	15,600	12,215.49-	78.3-	31,100
B504 EQPT/EQPT REPAIR - GRIT REMOVAL	.00	1,600	7,820.45	9,800	1,979.55-	20.2-	45,800
B505 EQPT/EQPT REPAIR - INFLUENT PUMPING	14,630.28	1,000	26,110.01	60,000	33,889.99-	56.5-	66,800
B506 EQPT/EQPT REPAIR - PRIMARY TREATMENT	.00	8,000	50,839.10	100,700	49,860.90-	49.5-	138,700
B507 EQPT/EQPT REPAIR - SECONDARY TREATMENT	.00	4,800	4,309.95	78,600	74,290.05-	94.5-	107,400
B508 EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	.00	450	675.97	2,700	2,024.03-	75.0-	5,400
B509 EOPT/EOPT REPAIR - SLUDGE DEWATERING	318.75	2,250	28,000.29	13,500	14,500.29	107.4	27,000
B510 EQPT/EQPT REPAIR - SLUDGE DIGESTION	12,910.64-		163,290.23	205,550	42,259.77-	20.6-	241,300
B511 EOPT/EOPT REPAIR - TERTIARY TREATMENT	.00	2,800	49,260.77	107,600	58,339.23-	54.2-	123,700
B512 EOPT/EOPT REPAIR - WWTC GENERAL	337.02	3,700	37,245.52	47,300	10,054.48-	21.3-	68,700
B513 EOPT/EOPT REPAIR - WWTC UTILITIES	49,691.02	133,000	165,379.69	583,000	417,620.31-	71.6-	729,950
B801 BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS	231.99	333	10,231.99	2,002	8,229.99	411.1	4,000
B802 BLDG AND GROUNDS - DISINFECTION	140.90	800	285.96	4,800	4,514.04-	94.0-	9,600
B803 BLDG AND GROUNDS - EXCESS FLOW	.00	92	.00	552	552.00-	100.0-	1,100
B804 BLDG AND GROUNDS - GRIT REMOVAL	97.99	800	126.05	12,100	11,973.95-	99.0-	31,100
B805 BLDG AND GROUNDS - INFLUENT PUMPING	.00	700	12,599.33	4,200	8,399.33	200.0	8,100
B807 BLDG AND GROUNDS - SECONDARY TREATMENT	.00	175	123.92	1,150	1,026.08-	89.2-	2,200
B809 BLDG AND GROUNDS - SLUDGE DEWATERING	.00	2,500	3,457.34	8,100	4,642.66-	57.3-	11,700
B810 BLDG AND GROUNDS - SLUDGE DIGESTION	196.48	400	14,393.67	27,400	13,006.33-	47.5-	29,400
B811 BLDG AND GROUNDS - TERTIARY TREATMENT	.00	1,000	4,667.60	11,250	6,582.40-	58.5-	15,700
B812 BLDG AND GROUNDS - WWTC GENERAL	11,343.73	26,750	110,039.42	175,900	65,860.58-	37.4-	247,150
B813 BLDG AND GROUNDS - WWTC UTILITIES	58.98	225	206.48	1,350	1,143.52-	84.7-	2,700
BOIS BEBG THE GROONED WHIC OTTESTING				,	==========		•
SECT B TOTALS	181,473.48		1,288,487.78		860,516.22-		3,112,100
SECT C VEHICLES					=========		
C222 GAS/FUEL	3,928.09	3,500	9,580.61	20,000	10,419.39-	52.1-	40,000
C225 OPERATION/REPAIR	172.86	700	1,483.55		2,816.45-		8,500
C226 VEHICLE PURCHASES	.00	0	17,768.00		32.00-		•
Caro Ventices forcimises					==========		
SECT C TOTALS	4,100.95	4,200	28,832.16	42,100		31.5-	141,800
DEPT 12 TOTALS	285,755.60	338,526	2,129,682.71	3,072,261	942,578.29-	30.7-	1,849,550
DEPT 13 O & M EXPENSES - LABORATORY	========	=======	========	========	========	======	
SECT A SALARIES AND WAGES							
A009 OPERATIONS MANAGEMENT	3,309.98	3,477	29,565.38	41,725	12,159.62-	29.1-	83,450
A040 LABORATORY - BUDGET	.00	7,382	.00	100,764	13,625.37	13.5	189,350
A041 LAB - WWTC	11,254.32	0	83,022.54	0	.00	.0	0
A042 LAB - PRETREATMENT	2,113.09	0	23,670.23	0	.00	.0	0

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 4 FUND 01 GENERAL FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET	VAR	TOTAL
		MONTH =======			VARIANCE ========	-	BUDGET
A043 LAB - SURCHARGE PROGRAM	.00	0	5,161.36	0	.00	.0	0
A048 LAB - ENERGY RECOVERY	482.10	0	2,535.24	0	.00	.0	0
SECT A TOTALS	17,159.49	10,859	143,954.75	142,489	1,465.75	1.0	272,800
SECT B OPERATIONS AND MAINTENANCE							
B112 COMMUNICATION	227.04	350	1,465.43	2,200	734.57-	33.4-	4,000
B114 CHEMICALS	1,056.64	2,100	7,608.06	12,900	5,291.94-	41.0-	25,500
B115 EQUIPMENT/EQUIPMENT REPAIR	1,432.61	2,300	12,489.77	14,200	1,710.23-	12.0-	28,000
B116 SUPPLIES	1,546.01	2,100	9,321.85	14,600	5,278.15-	36.2-	25,900
B117 EMPLOYEE/DUTY COSTS	317.28	500	2,743.47	3,100	356.53-	11.5-	6,000
B122 MONITORING EQUIPMENT	.00	0	.00	2,750	2,750.00-	100.0-	5,500
B123 OUTSIDE LAB SERVICES	2,476.53	2,000	13,955.66	12,800	1,155.66	9.0	24,800
B124 CONTRACT SERVICES	870.00	0	8,156.93	0	8,156.93	.0	0
SECT B TOTALS	7,926.11	9,350	55,741.17	62,550	6,808.83-	10.9-	119,700
= SECT C VEHICLES	========	:=======		=======	=========	======	=======
C222 GAS/FUEL	99.44	100	525.29	600	74.71-	12.5-	900
C225 OPERATION/REPAIR	44.88	0	71.81	150	78.19-	52.1-	250
	========			=======	=========	======	
SECT C TOTALS =	144.32	100	597.10	750 ======	152.90-	20.4-	1,150
DEPT 13 TOTALS	25,229.92	20,309	200,293.02	205,789	5,495.98-	2.7-	393,650
DEPT 14 O & M EXPENSES - SEWER SYSTEM	========			=======	========	======	
SECT A SALARIES AND WAGES							
A006 ENGINEERING	.00	299	3,254.31	4,009	754.69-	18.8-	7,600
A050 SEWER MAINTENANCE - BUDGET	.00	10,547	.00	147,630	24,728.44	16.8	274,200
A051 SEWER MAINTENANCE	23,513.01	0	164,596.82	0	.00	. 0	0
A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	699.43	0	7,761.62	0	.00	. 0	0
A060 INSPECTION - BUDGET	.00	9,372	.00	131,134	27,572.64-	21.0-	243,600
A061 INSPECTION - NEW CONSTRUCTION	.00	0	762.18	0	.00	. 0	0
A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS	3,215.64	0	32,041.56	0	.00	.0	0
A063 INSPECTION - PERMIT INSPECTIONS	1,691.60	0	9,498.50	0	.00	.0	0
A064 INSPECTION - MISCELLANEOUS	1,432.43	0	12,758.63	0	.00	.0	0
A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES	3,385.67	0	13,984.13	0	.00	.0	0
A066 INSPECTION - CODE ENFORCEMENT	5,260.79	0	34,516.36	0	.00	.0	0
A070 SEWER INVESTIGATIONS - BUDGET	.00	186	.00	2,630	286.43-	10.9-	4,450
A072 SEWER INVESTIGATIONS	.00	0	2,343.57	0	.00	.0	0
SECT A TOTALS	39,198.57	20,404	281,517.68	285,403	3,885.32-		
	========			=======	========	======	
SECT B OPERATIONS AND MAINTENANCE B112 COMMUNICATION	720.15	1,000	5,394.05	6,000	605.95-	10.1-	12,000
B113 EMERGENCY/SAFETY EQUIPMENT	.00	250	738.32	1,900	1,161.68-	61.1-	3,400
B115 EQUIPMENT/EQUIPMENT REPAIR	237.93	2,000	24,221.63	31,900	7,678.37-		44,500
B116 SUPPLIES	724.46	300	3,005.23	1,850	1,155.23	62.4	4,100

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 5 FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	% 	BUDGET
B117 EMPLOYEE/DUTY COSTS	970.66	1,300	13,132.70	7,800	5,332.70	68.4	15,500
B127 JULIE SYSTEM	.00	1,300	11,079.63	7,800	3,279.63	42.1	15,400
B128 OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	.00	1,000	.00	9,000	9,000.00-	100.0-	15,000
B129 REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE	.00	1,000	3,500.00	6,000	2,500.00-	41.7-	12,000
B900 SEWER SYSTEM REPAIRS - BUDGET	.00	1,256,300	.00	2,525,300	1,982,089.17-	78.5-	4,271,600
B901 SEWER SYSTEM REPAIRS - I/I PROGRAM	2,317.00	0	14,653.92	0	.00	.0	0
B902 SEWER SYSTEM REPAIRS - REPLACEMENT	1,316.25	0	1,316.25	0	.00	.0	0
B903 SEWER SYSTEM REPAIRS - REHABILITATION	668.86	0	28,243.93	0	.00	.0	0
B910 SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	82,491.33	0	403,774.13	0	.00	.0	0
B913 SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R	.00	0	4,427.00	0	.00	.0	0
B929 ARRA LOAN PRINCIPAL REPAYMENT	90,795.60	0	90,795.60	0	.00	.0	0
SECT B TOTALS	180,242.24				1,993,267.61-		4,393,500
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SECT C VEHICLES	3,379.98	2 100	8,432.56	12 400	4 067 44	37.1-	26,000
C222 GAS/FUEL C225 OPERATION/REPAIR	1,241.32	2,100 750	6,655.35	13,400	4,967.44-		9,000
	·			4,500	2,155.35	47.9 8.6-	•
C226 VEHICLE PURCHASES	.00	45,500 ========	483,212.00 ======	528,500 =======	45,288.00-		567,500
SECT C TOTALS	4,621.30	48,350	498,299.91	546,400	48,100.09-	8.8-	602,500
					:======================================		
DEPT 14 TOTALS	224,062.11	1,333,204	1,384,099.98	3,429,353	2,045,253.02-	59.6- 5	5,525,850
DEPT 15 O & M EXPENSES - LIFT STATIONS		-======	=======			======	
SECT A SALARIES AND WAGES		005					
A006 ENGINEERING	.00	306	741.64	4,083	3,341.36-	81.8-	7,750
A009 OPERATIONS MANAGEMENT	268.88	129	3,943.20	2,714	1,229.20	45.3	4,250
A030 BUILDING AND GROUNDS	.00	27	6,250.69	576	5,674.69	985.2	900
A080 LIFT STATION MAINTENANCE	1,258.14	576 :======	5,009.58 ======	8,771 =======	3,761.42-	42.9-	15,700
SECT A TOTALS	1,527.02	1,038	15,945.11	16,144	198.89-	1.2-	28,600
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	11,180.50	13,500	52,191.16	81,000	28,808.84-	35.6-	162,000
B104 FUEL - GENERATORS	.00	0	.00	2,050	2,050.00-	100.0-	4,000
B112 COMMUNICATION	313.30	500	1,047.23	3,000	1,952.77-	65.1-	5,400
B113 EMERGENCY/SAFETY EQUIPMENT	.00	0	1,369.67	7,450	6,080.33-	81.6-	11,100
B116 SUPPLIES	.00	0	147.85	200	52.15-	26.1-	300
B124 CONTRACT SERVICES	7,625.00	0	7,625.00	0	7,625.00	.0	0
B520 EQPT/EQPT REPAIR - BUTTERFIELD	.00	600	9.97	4,400	4,390.03-	99.8-	7,400
B521 EQPT/EQPT REPAIR - CENTEX	.00	150	148.20	1,100	951.80-	86.5-	2,000
B522 EQPT/EQPT REPAIR - COLLEGE	416.17	500	843.08	33,000	32,156.92-	97.5-	35,600
B523 EQPT/EQPT REPAIR - EARLSTON	.00	250	106.89	5,000	4,893.11-	97.9-	6,300
B524 EQPT/EQPT REPAIR - HOBSON	.00	1,000	3,134.60	88,000	84,865.40-	96.4-	94,000
B525 EQPT/EQPT REPAIR - LIBERTY PARK	.00	250	1,997.21	2,750	752.79-	27.4-	4,100
B526 EQPT/EQPT REPAIR - NORTHWEST	.00	500	78.65	12,500	12,421.35-	99.4-	13,700
B527 EQPT/EQPT REPAIR - VENARD	.00	500	987.29	4,000	3,012.71-	75.3-	7,100
B528 EQPT/EQPT REPAIR - WROBLE	.00	500	.00	9,500	9,500.00-	100.0-	12,800

TREASURER'S REPORT

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 6 FUND 01 GENERAL FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
B529 EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	7,615.19	5,000	15,554.81	30,000	14,445.19-	48.2-	66,350
B820 BLDG AND GROUNDS - BUTTERFIELD	222.05	0	1,073.65	0	1,073.65	.0	0
B821 BLDG AND GROUNDS - CENTEX	185.25	0	815.10	0	815.10	.0	0
B822 BLDG AND GROUNDS - COLLEGE	.00	0	.00	20,000	20,000.00-	100.0-	20,000
B823 BLDG AND GROUNDS - EARLSTON	185.25	0	994.70	25,000	24,005.30-	96.0-	25,000
B824 BLDG AND GROUNDS - HOBSON	185.25	0	1,061.76	21,000	19,938.24-	94.9-	21,000
B825 BLDG AND GROUNDS - LIBERTY PARK	185.25	0	1,016.30	0	1,016.30	.0	0
B826 BLDG AND GROUNDS - NORTHWEST	1,590.25	2,000	3,004.18	37,000	33,995.82-	91.9-	37,000
B827 BLDG AND GROUNDS - VENARD	185.25	0	1,008.75	10,000	8,991.25-	89.9-	10,000
B828 BLDG AND GROUNDS - WROBLE	185.25	0	1,016.30	8,600	7,583.70-	88.2-	8,600
B829 BLDG AND GROUNDS - LIFT STATIONS GENERAL	.00	3,000	1,864.00	18,000	16,136.00-	89.6-	31,750
SECT B TOTALS	30,073.96	28,250	97,096.35	423,550	326,453.65-	77.1-	585,500
DEPT 15 TOTALS  DEPT 17 O & M EXPENSES - INSURANCE & EMPLO	31,600.98	29,288	113,041.46	439,694	326,652.54-	74.3-	614,100
SECT E INSURANCE AND EMPLOYEE BENEFITS							
E452 LIABILITY/PROPERTY	.00	0	215,645.00	249,850	34,205.00-	13.7-	249,850
E455 EMPLOYEE GROUP HEALTH	44,445.29	55,000	269,288.86	330,000	60,711.14-		658,000
E460 IMRF	16,044.31	10,000	108,762.39	135,000	26,237.61-		250,000
E461 SOCIAL SECURITY	15,942.48	10,400	132,369.85	140,400	8,030.15-	5.7-	260,000
SECT E TOTALS	76,432.08	75,400	726,066.10	855,250 ======	129,183.90-	15.1- 1	1,417,850
DEPT 17 TOTALS	76,432.08	75,400	726,066.10	855,250	129,183.90-	15.1- 1	1,417,850
DEPT 91 SA EXPENSE							
DEPT 91 TOTALS	.00	0	.00	0	.00	(	)
FUND EXPENSE TOTAL	724,567.66	1,894,559	5,471,561.85	8,926,375	3,454,813.15-	38.7-14	1,496,550
FUND 01 TOTALS	167,185.79-	898,159	659,989.82-	2,935,261	3,595,250.82-	122.5- 2	2,419,169

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 7

FUND 02 IMPROVEMENT FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05 REVENUES						
3007 INTEREST ON INVESTMENTS 3010 TRUNK SEWER SERVICE CHARGES 3035 INTERFUND TRANSFER	1,405.42- 4,644.46- .00	7,500-	8,154.13- 29,576.36- 400,000.00-	45,000-		
DEPT 05 TOTALS	6,049.88-	407,900-	437,730.49-	847,400-	894,700-	
== DEPT 30 CAPITAL EXP - ARRA - LOAN REPAYMENTS	========	:========	========	:=======	========	
0500 PROJECT BUDGET 0515 PAYMENT ON LOAN PRINCIPAL	.00 46,595.53	46,600 0	.00 46,595.53	46,600 0	93,200 0	
DEPT 30 TOTALS	46,595.53	46,600	46,595.53 =======	46,600	93,200	
DEPT 36 CAPITAL EXP - LIBERTY PARK LIFT STAT:						
DEPT 36 TOTALS	.00	0	.00	0	0	
DEPT 47 CAPITAL EXP - CENTEX LIFT STATION UPO	GRADE					
0500 PROJECT BUDGET	.00	0	.00	304,400	304,400	
0504 CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI 0506 CONSTRUCTION CONTRACTS AND PURCHASES	2,275.00	0	13,092.33 614,968.28	0	0	
=:		:=======	=========	:=======	=======	
DEPT 47 TOTALS	2,275.00	0	628,060.61	304,400	304,400	
DEPT 48 CAPITAL - VENARD LIFT STATION UPGRAD	======= E		=======			
0500 PROJECT BUDGET	.00	250,000	.00	500,000	850,000	
0502 DESIGN ENGINEERING/ARCHITECTURAL	1,722.50	0	2,666.25	0	0	
DEPT 48 TOTALS	1,722.50	250,000	2,666.25	500,000	850,000	
== DEPT 74 CAPITAL EXP - SEWER - UNSEWERED AREAS		:========	========	=======	=======	
0500 PROJECT BUDGET	.00	0	.00	0	500	
DEPT 74 TOTALS	.00	0	.00	0	500	
FUND EXPENSE TOTAL	50,593.03	296,600	677,322.39	851,000	1,248,100	
FUND 02 TOTALS			239,591.90	3,600	353,400	

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 8

FUND 03 CONSTRUCTION FUND

NUMBER	COST DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05	REVENUES						
3007 INTERE 3009 SEWER		15,050.00-	20,800-		125,200-	250,000-	
DEPT 0	5 TOTALS	17,901.27-		95,884.48-	134,050-	267,700-	
DEPT 20	CAPITAL EXP - WWTC - GAS DETECTION/			========	:=======		===========
0500 PROJEC	I BUDGET ENGINEERING/ARCHITECTURAL	.00 5,183.79		.00 5,183.79	166,000	419,000	
DEPT 2	0 TOTALS	5,183.79		5,183.79	166,000	419,000	
DEPT 21	CAPITAL EXP - WWTC - BIOSOLIDS IMPR				:=======		==========
0500 PROJEC		.00	13,000	.00	·	997,500	==========
DEPT 2	1 TOTALS	.00	13,000	.00	63,000	997,500	
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENT						
0500 PROJEC	I ON LOAN PRINCIPAL	.00 14,403.65	0	.00 14,403.65	0	0	
DEPT 3	0 TOTALS	14,403.65	14,450	14,403.65	14,450	28,807	
DEPT 31	CAPITAL EXP - WWTC - CHP BIOGAS	========	:=======	========			=======================================
DEPT 3	1 TOTALS	.00	0	.00	0	0	
DEPT 32	CAPITAL EXP - WWTC - SECOND TURBOBL	OWER					
DEPT 3	2 TOTALS	.00	0	.00	0	0	
DEPT 33	CAPITAL EXP - WWTC - DIGESTER MIXIN						
DEDE 3					.======= 0		
			0 	.00 ======	-	0	==========
DEPT 34	CAPITAL EXP - WWTC - GREASE WASTE D	ELIVERY RAMP					
DEPT 3	4 TOTALS	.00	0	.00		0	
DEPT 35	CAPITAL EXP - WWTC - CHP BIOGAS PHA				:=======	========	==========
		========					
DEPT 3	5 TOTALS	.00	0	.00	0	0	

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 9

FUND 03 CONSTRUCTION FUND

FUND 03 TOTALS

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL NUMBER DESCRIPTION MONTH MONTH Y-T-DY-T-D BUDGET CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2 \_\_\_\_\_\_ DEPT 37 TOTALS .00 0 .00 \_\_\_\_\_\_ DEPT 38 CAPITAL EXP - WWTC - PROPERTY ACQUISITION \_\_\_\_\_\_ 0 0 0 DEPT 38 TOTALS .00 .00 \_\_\_\_\_\_ DEPT 39 CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT \_\_\_\_\_\_ DEPT 39 TOTALS 0 .00 0 .00 0 \_\_\_\_\_\_ DEPT 40 CAPITAL EXP - WWTC - LOAN REPAYMENT \_\_\_\_\_\_ DEPT 40 TOTALS 0 .00 0 \_\_\_\_\_\_ FUND EXPENSE TOTAL 137,450 19,587.44 243,450 1,445,307 \_\_\_\_\_\_

115,175

1,686.17

76,297.04- 109,400 1,177,607

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 10

FUND 05 PUBLIC BENEFIT FUND

		ACTUAL	BUDGET				
	COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
=======			========	========	========		
DEPT 05	REVENUES						
	=	========	========				
DEPT	05 TOTALS	.00	0	.00	0	0	
	=	========	========				
DEPT 59	CAPITAL EXP - SEWER - SEWER EXTENSION	NS					
	=						=======================================
DEPT	59 TOTALS	.00	0	.00	0	0	
	=		========	========	:=======	:=======	=======================================
DEPT 65	CAPITAL EXP - SEWER - REIMB FOR ADDE	D DEPTH					
	_						
חקישת	= 65 TOTALS	.00	0	.00	0	0	
DEFI	- TOTALS						
FIIND	EXPENSE TOTAL	.00	0	.00	0	0	
FOND	=		=========		:=======	.=======	
FUND	05 TOTALS	.00	0	.00	0	0	
			-		•	ŭ	

DATE 11/09/23 MONTH ENDED 10/31/23 PAGE 11

FUND 71 SEWER EXTENSIONS ESCROW

FUND 71 TOTALS

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

.00 0 .00

# WWTC Operations Data - September

The DMR for September indicates that the final effluent averaged 1.28 mg/l CBOD, 0.60 mg/l suspended solids and 0.12 mg/l ammonia nitrogen over a daily average flow of 8.57 MGD. There were no permit excursions in September.

# **Sewer Permits – September**

There were 7 sewer permits issued in September – 1 single family, 3 repairs, and 3 disconnections.

# Financial Data – September

In September, the District received \$1,414,532 in the General fund, including \$548,392 in property taxes, \$397,014 in user charges, \$44,180 in surcharges, and \$375,623 in monthly fees. General fund expenses totaled \$916,464. The Improvement fund had revenues of \$1,350 and expenses of \$614,745. The Construction fund had revenues of \$2,821 and expenses of \$0.

# **Personnel**

Matt Richert has been certified as a Class 3 Operator. Congratulations to Matt on his accomplishment!

Jessie Gwozdz, our Safety Coordinator, has reached 5 years of service with the District as of October 19.

# **Outerwear Ordering**

We are changing the process of winter outerwear ordering and will be utilizing Amazon for the Carhartt jackets, sweatshirts (zip up and pullover), Dickie's insulated coveralls, Red Kap jacket, heavy duty winter gloves, and some Hi-Viz items. The employee shop will also have other Hi-Viz items you can order which will come from FullSource, the vendor we use for polo shirts. All items will need to be embroidered or screen printed with the District's logo. Once the orders arrive, employees will be asked to try on the items then return them to their supervisor so that we may send them off for this step. Only the cost of the item will be applied to the employee's outerwear reimbursement amount for the year, the embroidery/screen printing will be paid for by the District. Please see your supervisor or Michelle Jasso for your 2023 balance and your supervisor for assistance ordering any items from Amazon. The Hi-Viz items should be in the employee shop by Wednesday, October 25. Please have all orders in by Friday, November 3. We anticipate a week for delivery and another week for embroidery/screen print services.

Also note that going forward, all outerwear items purchased by employees under the reimbursement plan will need to have the District's logo embroidered or screen printed on them. This includes all T-shirts, sweatshirts, long-sleeved shirts, jackets, etc. Employees will be given the opportunity to try on all items prior to embroidery or screen printing to ensure they fit.

#### **2023 Vacation Balances Notice**

You will be allowed to roll over 2023 vacation balances of 40 hours or less into the year 2024. If you have anything over that, please plan with your supervisor to utilize that leave. Also, if you have a personal leave balance remaining, you will also want to plan to use that before the end of the year. That time does not roll over into the new year. Employees hired prior to January 1, 2012, who have announced their retirement plans and been approved to carry over vacation in preparation for retirement may carry over balances greater than 40 hours.

### **Voluntary Life Insurance**

October 1 through November 30 is the open enrollment period for the Voluntary Group Life Plan from the National Conference on Public Employees Retirement Systems (NCPERS). This plan is available only through IMRF's participation in NCPERS and our participation in IMRF. The plan is underwritten by Prudential and administered by Member Benefits. This is not an IMRF plan. Information regarding enrollment was sent with the GM report on 10/6/23. If you need that literature again, please contact Carly Shaw. If you are already enrolled, no action is needed, and your plan will continue. If you have questions, please contact Carly Shaw.

# **Password Reset Coming Soon**

Back in May, Concentric initiated password changes for all employees for the network (OS System) and Microsoft 365 (Outlook). This password must be changed every 6 months (180 days) by employees. That time is approaching in November. We have implemented reminders to be sent by email and pop-up 15 days prior to the expiration of your current password. Please be sure to change that once you see those reminders. If you did a password change since the original set up, that 6 months countdown restarted as of the day of the reset. You will still get the reminder when you are due for password change.

# **Annual Treasurer's Report**

In October, the District prepared the District's Annual Statement of Receipts and Disbursements for the fiscal year ended April 30, 2023 and has filed it with the DuPage County Clerk. Per State statute, the report includes payments of salaries and wages to each employee, which we report by ranges of earnings, rather than the actual dollar amount paid to each employee.

# **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 <a href="https://iwss.uillinois.edu/wastewater-treatment-plant/275/">https://iwss.uillinois.edu/wastewater-treatment-plant/275/</a>.

#### Sewer Rehabilitation/Infiltration and Inflow Removal

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

# **Status of Projects**

1) 001 Outfall Pipe Repair

The outfall pipe is expected to ship November 6. Archon intends to replace the pipe November 8 - 15 during which time we will be bypassing to Outfall 002.

2) Centex Lift Station Replacement

The contractor, Baxter & Woodman and District are working with ComEd to get service connected to the new equipment.

3) Curtiss Street Trunk Sewer Rehabilitation

Work is expected to start in December.

4) Venard Forcemain Replacement

Baxter & Woodman is preparing plans and specifications. Soil borings were completed.

5) 2D Basin (Carpenter St)/Ogden Ave Lining

Lining of the lateral on Ogden Ave was expected to be done today.

6) 2023 Painting Services

G.P. Maintenance is waiting for dry weather to finish the interior work at College Lift Station. Preparation for the basement/tunnel work at the WWTC has started.

7) SCADA Platform Replacement (Ignition)

Concentric has created the raw sewage pump and the secondary/intermediate clarifier displays.

8) Diesel Tank Replacement

Baxter & Woodman has provided plans and specifications for District review.

# **Personnel**

The district is looking to hire a Maintenance Mechanic. If you know anyone who may be interested, please have them visit the following link for information and to apply.

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

## **Employee Holiday Function**

We are currently planning an event for employees in celebration of the holidays. Stay tuned for more information as it becomes available.

# **Outerwear Ordering**

Friday is the deadline for ordering winter outerwear and Hi-Viz items. Please visit the employee portal where you will find a link to the Amazon list of items or items available in our shop that you can choose from. For the Amazon items, you will need to provide those to your supervisor so that they may order them through the District's account. If you do purchase them on your own, you can submit for reimbursement under the outerwear reimbursement program. If you need to check your balance remaining for the year, please reach out to Michelle Jasso or Carly Shaw. If you do place an order and go over your limit, you are responsible for paying the overage. Please also bring the items upon receipt to Michelle so that we may have them embroidered or screen printed with the District's logo.

#### **Voluntary Life Insurance**

As a reminder, November 30 is the deadline for the open enrollment period for the Voluntary Group Life Plan from the National Conference on Public Employees Retirement Systems (NCPERS). This plan is available only through IMRF's participation in NCPERS and our participation in IMRF. If you need the enrollment information, please see Carly Shaw.

## **Password Reset Coming Soon**

As a reminder, password resets for the network (OS) and Office 365 (Outlook) are coming soon. Be on the lookout for prompts by email and pop up for you to act.

#### **TopHealth**

The November issue of TopHealth is enclosed.

## Illinois Wastewater Surveillance System

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

# Sewer Rehabilitation/Infiltration and Inflow Removal

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

# **Status of Projects**

### 1) 001 Outfall Pipe Repair

The outfall pipe is being tested this week and will be shipped on November 6. Sheridan intends to clean the roots out of the outfall pipe in the WWTC to the manhole upstream of where the pipe is being replaced, starting on November 7. Archon intends to replace the pipe November 8 - 15. Effluent will be bypassed to Outfall 002 during the work.

# 2) Centex Lift Station Replacement

The contractor, Baxter & Woodman and District are working with ComEd to get service connected to the new equipment.

## 3) Curtiss Street Trunk Sewer Rehabilitation

Work is expected to start in December.

# 4) Venard Forcemain Replacement

Baxter & Woodman is preparing plans and specifications.

# 5) 2D Basin (Carpenter St)/Ogden Ave Lining

The liner installed in the lateral on Ogden Ave folded during installation. The contractor expects to have it removed this week and a new liner installed in the week of November 13.

#### 6) 2023 Painting Services

G.P. Maintenance has finished the interior work at College Lift Station. The basement/tunnel work at the WWTC is expected to be complete by the end of this week.

# 7) SCADA Platform Replacement (Ignition)

Concentric has created the raw sewage pump and the secondary/intermediate clarifier displays. A progress meeting was held this week.

#### 8) Diesel Tank Replacement

Baxter & Woodman has provided plans and specifications for District review.

# **Personnel**

We are currently holding interviews for a new Maintenance Mechanic. If you know anyone who may be interested, please have them visit the following link for information and to apply.

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

# **Employee Holiday Gathering**

We are hosting an employee lunch at Granite City Food and Brewery in Naperville for our holiday gathering this year. This will be held on Saturday, December 9 from 11:30 am - 1:30 pm. An assortment of appetizers will be served at 11:30 with lunch beginning at noon. This will be a buffet style lunch with a chicken alfredo, grilled salmon, and top sirloin. The sides will include green bean almandine, garlic mashed potatoes, garlic bread and salad. There will be cookies and brownies for dessert. Non-alcoholic beverages will be included. Employees can purchase their own beverages of choice during the event. The district will pay for you and one guest to attend. Additional adult guests will be \$66 per person. Additional guests that are children 12 and under will be able to order from the kids' menu at the event at a cost of \$7 per child or can eat from the buffet but it will be at the full price of \$66 per child. We will have the sign up available on the employee portal early next week and that will include details for reimbursement of additional guests. Deadline for this is Monday, December 4 by the end of the day. Those unable to attend the lunch will receive the \$50 Amazon gift card.

# **Retirement Dinner**

Just for your planning, a retirement dinner for Frank Furtak has been scheduled for Tuesday, January 16 at 5:30 pm at Zazzo's in Westmont off Ogden Avenue. We will have an official sign up for this event on the employee portal in December.

#### **Voluntary Life Insurance**

As a reminder, November 30 is the deadline for the open enrollment period for the Voluntary Group Life Plan from the National Conference on Public Employees Retirement Systems (NCPERS). This plan is available only through IMRF's participation in NCPERS and our participation in IMRF. If you need the enrollment information, please see Carly Shaw.

## **Password Resets**

You may not have received a reminder for your password reset or may have missed the pop up from the task bar. You should take some time to manually reset your password as soon as possible. This can be done by logging in to the OS, pressing control/alt/delete and selecting change password. Once you complete those steps, Teams and Outlook will prompt to enter the new password and the MFA will appear. This must be done on a desktop computer. For those with District devices such as cell phones, you will also be prompted to enter the new password for Office 365 and the MFA will appear there as well. Once you complete these steps, you will be

good for another 180 days. For those with laptops, please bring in those devices so that they can connect to the network in the office and the password can be updated for those as well. If you do not do this step, you will not be able to access the network remotely. Concentric is working on getting email notifications implemented so that we all receive notice 14 days prior to the expiration of passwords.

# Cellular Wi-Fi Calling

Employees must enable Wi-Fi calling for safety purposes. We have installed Wi-Fi access points in areas where it was not available so that employees can communicate during any emergencies. If you do not have this feature enabled on your cell phone, you may not be able to make any calls. Emergency calls always use the cellular network when available and only go through Wi-Fi calling in the event you are not receiving Verizon service. Please also note that if you are on a call that is using Wi-Fi calling, you may drop that call when you move into an area where cellular service is available. This is not a reason to disable this feature. This is a matter of safety, and we want employees able to communicate in the event of an emergency.

To enable this feature on your iPhone, you will go into settings, phone, and enable the Wi-Fi calling. It will ask for an address for emergency purposes, and we ask employees to put it as their primary place of work. Plant employees should enter the plant address, and Admin employees enter the Admin Center address. This address is only used if you are unable to communicate to the operator your exact location.

Android users enable this feature through settings, connection, and enabling Wi-Fi calling. You will have the same prompt to enter the address and we ask you to do the same as above.

Again, this is for safety reasons and Wi-Fi calling is only active when cellular service is not available. If you need assistance in setting this up, please see Carly Shaw or your supervisor. We appreciate you all participating in keeping yourselves and others safe!

## **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 <a href="https://iwss.uillinois.edu/wastewater-treatment-plant/275/">https://iwss.uillinois.edu/wastewater-treatment-plant/275/</a>.

# Sewer Rehabilitation/Infiltration and Inflow Removal

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

# **Status of Projects**

# 1) 001 Outfall Pipe Repair

The sagged section of the outfall pipe has been replaced. Sheridan expects to be complete removing roots out of the rest of the pipe and cleaning the siphons by the end of the day on Tuesday, November 21.

# 2) Centex Lift Station Replacement

The work passed the Village's electrical inspection, which was required by ComEd before they would schedule connection of service to the new equipment.

# 3) Curtiss Street Trunk Sewer Rehabilitation

Work is expected to start in December.

# 4) Venard Forcemain Replacement

Baxter & Woodman is preparing plans and specifications.

# 5) 2D Basin (Carpenter St)/Ogden Ave Lining

The folded liner in the lateral on Ogden Ave has been removed and the vertical section of the lateral has been lined. The contractor expects line the horizontal sections on November 27.

# 6) 2023 Painting Services

The basement/tunnel work at the WWTC is expected to be complete soon.

# 7) SCADA Platform Replacement (Ignition)

Concentric continues to work on new displays and reporting.

# 8) Diesel Tank Replacement

Baxter & Woodman has provided plans and specifications for District review.

#### HAPPY THANKSGIVING TO YOU AND YOUR FAMILY!

# DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER Wastewater Report, October 2023

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)

<b>Catchment Information</b>	
Population Served	65,000
NPDES	IL0028380
zipcode	60515
IL Covid Region	8

#### SARS-CoV-2 LEVELS IN WASTEWATER

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

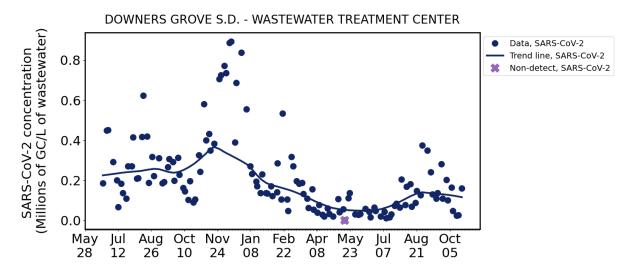


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater.

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

Date	SARS-CoV-2 (GC/L)



2023-10-22	160,425
2023-10-17	27,825
2023-10-15	24,000
2023-10-10	48,150
2023-10-08	165,750
2023-10-03	100,725
2023-10-01	202,500
2023-09-26	110,625

# **SARS-CoV-2 LINEAGES IN WASTEWATER**

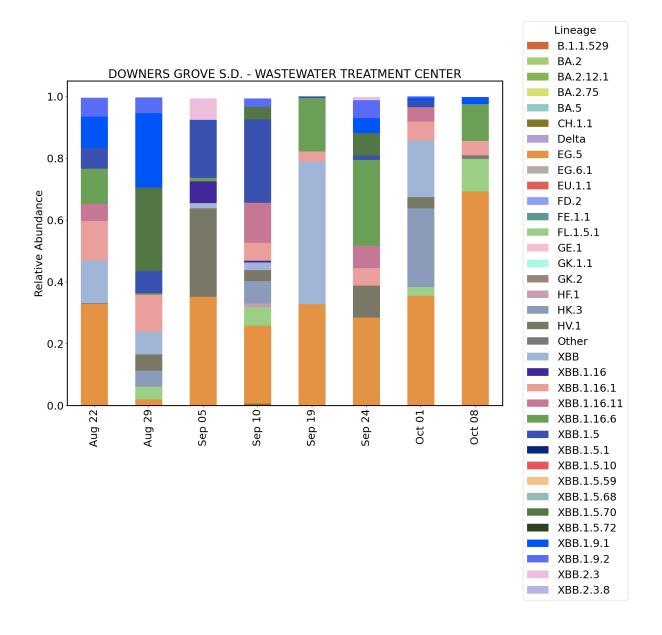




Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.



#### **INFLUENZA A/B LEVELS IN WASTEWATER**

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

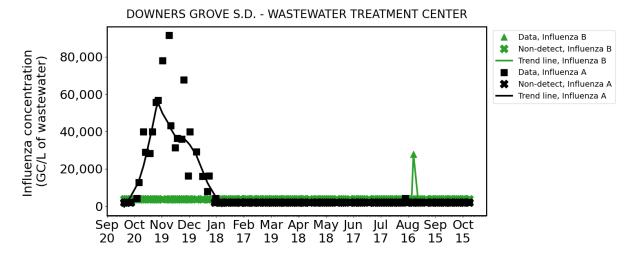


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater.

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

Date	Influenza A (GC/L)	Influenza B (GC/L)
2023-10-22	Non-detect	Non-detect
2023-10-17	Non-detect	Non-detect
2023-10-15	Non-detect	Non-detect
2023-10-10	Non-detect	Non-detect
2023-10-08	Non-detect	Non-detect
2023-10-03	Non-detect	Non-detect
2023-10-01	Non-detect	Non-detect
2023-09-26	Non-detect	Non-detect



#### **RSV LEVELS IN WASTEWATER**

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

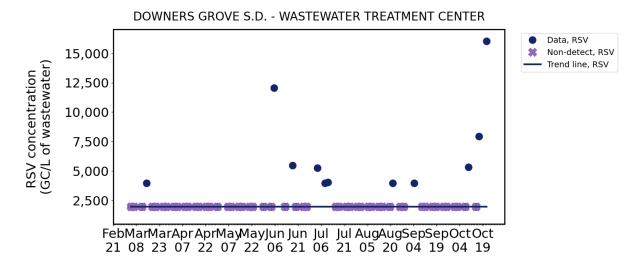


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater.

#### **RSV SAMPLING RESULTS - LAST 8 SAMPLES**

Date	RSV (GC/L)
2023-10-22	16,050
2023-10-17	7,950
2023-10-15	Non-detect
2023-10-10	5,325
2023-10-08	Non-detect
2023-10-03	Non-detect
2023-10-01	Non-detect
2023-09-26	Non-detect



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

#### What do the results mean?

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

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

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

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

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

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

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

### What is the viral gene copy trend line?

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



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

There are not presently agreed-upon methods for translating concentration of SARS-CoV-2, influenza, or RSV genetic material in wastewater into a measure of how many people, or even what percentage of a community, have COVID-19, flu, or RSV, respectively. Variability between different wastewater sources, treatment facilities, and communities makes it difficult to translate the SARS-CoV-2, influenza, or RSV concentrations into a measure of how many people are infected in the community. However, an upward or downward trend in viral gene copies per liter of wasterwater 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 concenentrations from a specific community over time can be used to help understand whether cases or hospitalizations are likely to increase or decrease in the community. Sample collection methods and mechanisms, collection times, and sample variability are other factors that discourage cross-site comparison.

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

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

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

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

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

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

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

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

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

This plot is displaying the relative abundance, or proportion, of lineages found in a wastewater sample collected on a particular date. This plot was generated after comparing sample



sequences to a SARS-CoV-2 reference genome and identifying characteristic mutations that are associated with different variants. We then calculate the percentage of each variant present in the sample. This plot summarize 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?

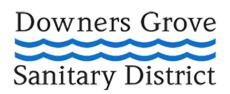
Sequencing results are available about two weeks after sample collection. This is because the quantification of SARS-CoV-2 levels by dPCR happens first, and then genetic material (RNA) is sent for sequencing. Additionally, samples then take multiple days to run on the sequencer and computational processing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



**Board of Trustees** Wallace D. Van Buren President Amy E. Sejnost Vice President Jeremy M. Wang Clerk



**Legal Counsel** 

Amy R. Underwood, P.E.

**General Manager** 

Daniel McCormick, P.C.

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

Providing a Better Environment for South Central DuPage County

October 26, 2023

United States Environmental Protection Agency Donna Stingley, EPA Grant Specialist, Assistance Section, MA-101 Kori Johnson-Lane, EPA Project Officer Sent Electronically to: stingley.donna@epa.gov and JohnsonLane.Kori@epa.gov

Subject: Downers Grove Sanitary District 2023 Trunk Sewer Rehabilitation: Curtiss Street Grant Number 00E03373 Time Extension Request

Dear Ms. Stingley and Ms. Johnson-Lane:

The Downers Grove Sanitary District (DGSD or District) formally requests a time extension for the above reference project, which will be partially funded by Grant Number (FAIN) 00E03373. Please note that the work was delayed from the schedule in the work plan for the following reasons:

- At the time the schedule was developed and included in the workplan, the District was unaware of how long the grant application process would take, how long it would take for the District and our consulting engineer to incorporate the grant requirements into the bidding documents, and the required 30-day solicitation for DBE participation. These resulted in the advertisement for bid and bid opening being delayed from the original schedule.
- The delay in bidding pushed the schedule into winter months. Additional time had to be added to the times for substantial and final completion as site restoration cannot be completed until the growing season in late spring/early summer. The Notice to Proceed is attached showing the contractual completion dates.

The original and revised dates of completion for the project milestones provided in the original workplan, dated January 16, 2023, and the revised workplan, dated October 25, 2023, are shown in the table below.

	Original Schedule	Revised Schedule	<u>Status</u>
Advertise for Bid	April 6, 2023	July 13, 2023	Complete
Pre-Bid Meeting	April 19, 2023	July 26, 2023	Complete
Open Bids	May 4, 2023	September 6, 2023	Complete
Award Project (Board of Trustees approval)	May 16, 2023	September 26, 2023	Complete
Notice to Proceed (Start Construction)	May 30, 2023	October 5, 2023	Complete
Substantial Completion (District has beneficial use)	November 30. 2023	June 1, 2024	
Final Completion (End Construction)	December 31, 2023	July 1, 2024	

The District requests that the project period as presented in the grant agreement be revised to October 5, 2023 - July 1, 2024 with the end of award date being revised to **July 1, 2024**.

We trust that this provides the information required to approve a time extension for this project. Please do not hesitate to contact me at the above phone number or at <a href="mailto:aunderwood@dgsd.org">aunderwood@dgsd.org</a> should you need additional information.

Very Truly Yours,

Amy R. Underwood, P.E.

General Manager

cc: Board of Trustees



8840 West 192nd Street, Mokena, IL 60448 • 815.459.1260 • baxterwoodman.com

October 5, 2023

Mr. Keith Alexander Visu-Sewer of Illinois, LLC 9014 S. Thomas Avenue Bridgeview, IL 60455

#### **NOTICE TO PROCEED**

Subject: Downers Grove Sanitary District - 2023 Trunk Sewer Rehabilitation - Curtiss Street

Dear Mr. Alexander:

You are hereby notified to proceed with the Contract Work on October 5, 2023, which is the date when the Contract Time commences. The Contract requires that the Work shall be substantially completed within 240 calendar days after the date when the Contract Time commences, which date of substantial completion is June 1, 2024; and the Work shall be completed and ready for final payment within 270 calendar days after the date when the Contract Time commences, which date of final completion is July 1, 2024.

A copy of the completed Agreement and Performance-Payment Bonds for the Project will be delivered to your office.

Sincerely,

BAXTER & WOODMAN, INC. CONSULTING ENGINEERS

Reginald Jansen, P.E.

**Construction Project Manager** 

C: Amy Underwood, P.E., Downers Grove Sanitary District Keith Shaffner, Downers Grove Sanitary District Todd Freer, Downers Grove Sanitary District Shane Firsching, P.E., Baxter & Woodman

## DOWNERS GROVE SANITARY DISTRICT

Amy R. Underwood, P.E., Downers Grove Sanitary District Jason J. Ruffatti, P.E., Baxter & Woodman Derek J. Wold, P.E., BCEE, Baxter & Woodman

November 9, 2023

IWEA PLANT OPERATATIONS WORKSHOP & TOUR

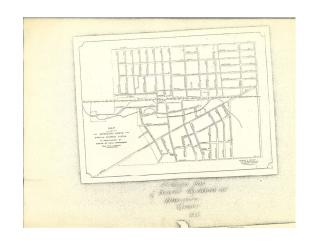
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## Agenda

- □ Overview of Downers Grove Sanitary District
- □ Overview of Wastewater Treatment Center
- □ Programs Unique to DGSD
  - Biosolids Public Distribution
  - Net Zero Energy Facility
  - □ Collection System I/I Reduction Program
    - Customer Assistance Programs
    - I/I Removal Efforts

### History before Downers Grove Sanitary District

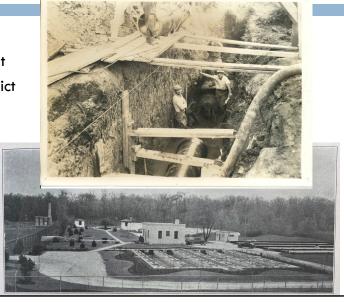
- 1899 Village of Downers
   Grove constructed combined
   sewer system to St. Joseph
   Creek
- 1904
  - Sanitary & storms sewers separated
  - 45,000 ft of this sanitary sewer is still in service today
  - First disposal plant constructed

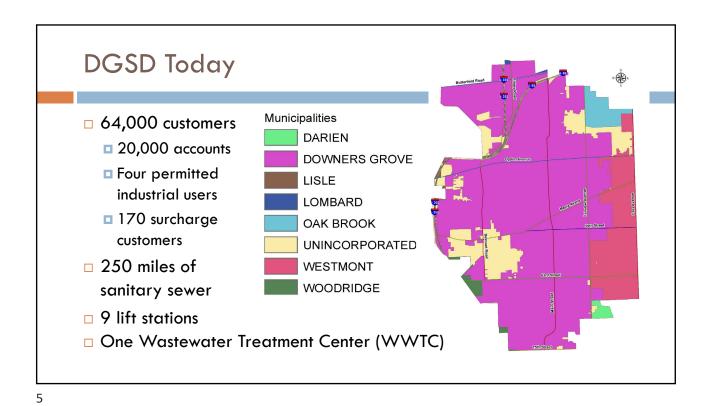


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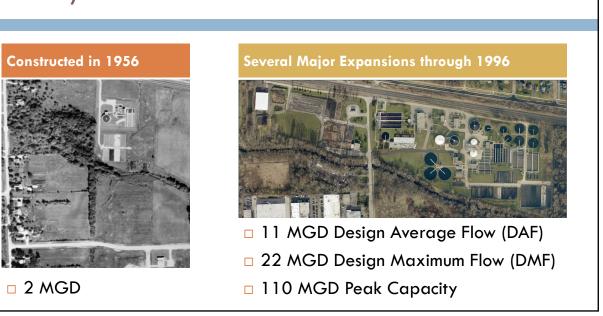
## History of Downers Grove Sanitary District

- 1921
  - Sewers extended to Westmont
  - Downers Grove Sanitary District (DGSD) formed
- □ First DGSD Treatment Plant
  - □ Constructed 1922
  - Expanded 1931
  - □ Decommissioned mid-1960s





## History of Wastewater Treatment Center



### **NPDES Permit Limits**

Complete Treatment (up to 22 MGD)*				
Parameter	Monthly Average	Daily Max		
CBOD <sub>5</sub>	10 mg/L	20 mg/L		
Suspended Solids	12  mg/L	24 mg/L		
Fecal Coliform (May-Oct)**	Monthly GM <	<u>200/100 mL</u>		
Chlorine Residual		$0.038 \; \mathrm{mg/L}$		
Total Phosphorus***				
Ammonia Nitrogen April – October November – February March	1.5 mg/L 4.0 mg/L 4.0 mg/L	3.0 mg/L 7.5 mg/L 8.0 mg/L		

#### Excess Flow Treatment (over 22 MGD)

Parameter	Monthly Average	Weekly Average
CBOD <sub>5</sub>	30 mg/L	45 mg/L
Suspended Solids	30 mg/L	45 mg/L
Fecal Coliform	Daily Max <40	00/100 mL
Chlorine Residual	0.75 mg/L	

- \* Also have dissolved oxygen and pH limits.
- \*\* No more than 10% of samples each month may exceed 400/100 mL.
- \*\*\* Phosphorus limit postponed in exchange for completing in-stream projects and activities as a member of the DuPage River Salt Creek Workgroup.

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### **Treatment Levels**

- □ Tertiary Treatment
  - 22 MGD
- Excess FlowTreatment
  - 88 MGD
  - PrimaryClarification &Disinfection
- □ 3 outfalls



## **Preliminary Treatment**

- Bar Screens
  - □ Coarse Screen: 3-inch openings
  - 2 Climber Screens
    - 1-inch openings
    - 40 MGD each
- □ 12 10-MGD Raw Sewage Pumps
  - □ 5@ Raw Sewage Pump Station
  - 4@ Excess Flow Pump Station
  - 3 in wet well outside
- □ 4 Aerated Grit Tanks (22 MGD total)





C

### **Primary Treatment**

- □ Rectangular Settling Tanks
  - Nine





## **Secondary Treatment**

- □ Single Stage Nitrification
- □ 11 Aeration Tanks
  - 4 in service
  - □ (7 tanks not in service)
  - Ammonia and phosphorus analyzers at end of Aeration Tanks 8 & 9
- □ 9 Secondary Clarifiers



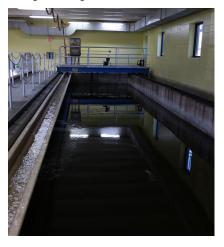
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### **Tertiary Treatment**

- □ 3 Intermediate Clarifiers
  - Used to polish secondary effluent
  - Used for excess flow treatment when influent exceeds 62 MGD



□ 6 Traveling Bridge Sand Filters



## Disinfection/Dechlorination

- □ 1 chlorine contact tank
- □ Hypochlorite for disinfection
  - Since 2006, used on-site hypochlorite generation system (OSEC) to make hypochlorite from salt and electricity
  - OSEC failed in Fall 2023, went to purchasing bulk liquid hypochlorite
- □ Sodium bisulfite for dechlorination



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### Plant Performance (2022)

Parameter	Influent	Primary Effluent	Primary Removal	Inter- mediate Effluent	Inter- mediate Removal		Tertiary Removal	Overall Removal
BOD <sub>5</sub> /CBOD <sub>5</sub>	216 mg/L	$100  \mathrm{mg/L}$	53.5%	1.9 mg/L	98.1%	$1.03 \; mg/L$	44.8%	99.5%
Suspended Solids	196 mg/L	64 mg/L	67.4%	5.0 mg/L	92.1%	$0.9~\mathrm{mg/L}$	82.6%	99.5%
Ammonia-N	17.8 mg/L					0.47 mg/L		97.4%

### **Solids Treatment**

- □ Two Separate Anaerobic Digestion Systems
  - Primary Sludge
    - Two primary, one secondary digester
  - □ Thickened Waste Activated Sludge
    - One primary (oversized), one secondary digester
- □ Sludge Dewatering
  - □ Gravity Sludge Drying Beds
  - Belt Filter Press
  - Reeds in Lagoons







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## Biosolids Distribution Program

Public Distribution of Biosolids started in 1981

## Sludge Aging & Final Preparation for Give-Away

- Stockpiled sludge is aged for at least 2 years
- □ Final drying step
  - □ Spread on pad and augered
  - □ 65% 75% TS

Screened to make spreadable product





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### **Analytical Testing**

- □ Fertilizer Content N/P/K
- □ Toxic Metals/Organics 120 Priority Pollutants
- □ Pathogens (to prove Class A)
  - Salmonella
  - Helminth Ova
  - Enteric Viruses
- □ Vector Attraction Volatile Solids Reduction
- □ Final Product meets EPA Part 503 Exceptional Quality Biosolids

## Biosolids Disposal

- □ Pick-up Station
- □ Contractor Use
- □ District Use
- Deliveries
- □ Biosolids Handbook





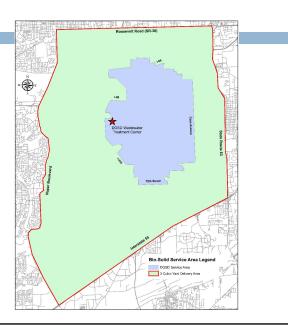




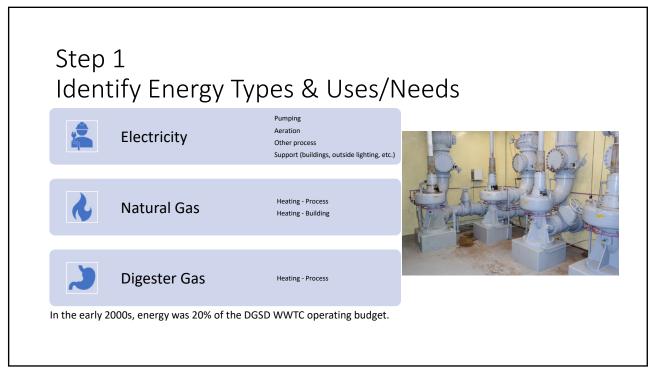
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## Delivery Area

- □ Roosevelt Road on the North
- □ I-55 on the South
- □ Route 83 on the East
- $\hfill \square$  Naper Boulevard on the West







## Step 2 Implement Energy Reduction/Efficiency Projects

Project	Payback
Aeration System Improvements - Fine bubble diffusers - Turbo-blower - DO/ammonia control	7 years on \$1.15 million (after \$250k grant)
Pump VFDs	3 years on \$50,000 (after \$20k grant)
Lighting Upgrades	3 years on \$25,000 (grant funding varied)
HVAC - Desiccant dehumidifier (biogas) - Geothermal/effluent water heat pumps	8 years on \$100,000 0 years (replaced as old units failed)
Grit Blower Replacement	3 years on \$12,000 (after \$22k grant)

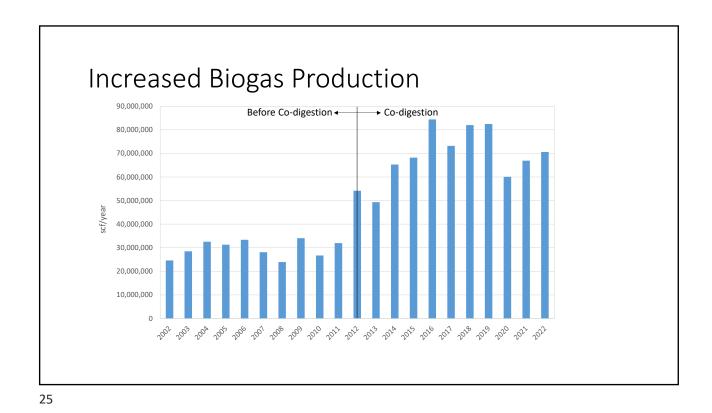


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## Step 3 Increase Energy Production

- Accept High Strength Waste
  - Grease trap waste
  - Commercial food waste
  - Initially tested for compatibility (TS, VS, VFA, COD, Sulfate, TP)
  - Charge \$0.06/gallon
  - Approximately \$200,000/year revenue
- Constructed Grease Receiving Station
  - 30,000-gallon tank, mixing pumps, grinder
  - \$600,000 investment
  - Automated controls to evenly load the digester
- Co-digested with Waste Activated Sludge
- Increased Biogas Production





## Step 4 Implement Energy Generation Projects

Project	Year	Cost	Grants
Gas Cleaning Equipment	2014	\$1,334,000	\$250,000
Combined Heat and Power (CHP): 280-kW engine genset	2014 (Failed 2019)	\$1,110,000	\$225,000
375-kW engine genset	2017	\$1,098,000	\$745,000
375-kW engine genset (replaced 280-kW unit)	2021	\$1,071,000	\$224,000



- Use biogas to generate electricity
- Heat recovered as hot water is used to heat the digesters or provide building heat.
- In 2016, DGSD Board passed a resolution to achieve and sustain the wastewater treatment center as a net-zero energy facility.
- · Excess electricity is sold to the utility

### **Biogas Treatment**

- Biogas needs to meet fuel requirements of CHP generator.
  - Condition biogas:
    - Cool biogas
    - Remove particulates
    - Remove moisture
    - Remove Hydrogen Sulfide
    - Remove Siloxanes
  - Boost pressure (1.5-2 psi)
  - Monitor conditioned biogas flow
    - Allows CHP to modulate speed

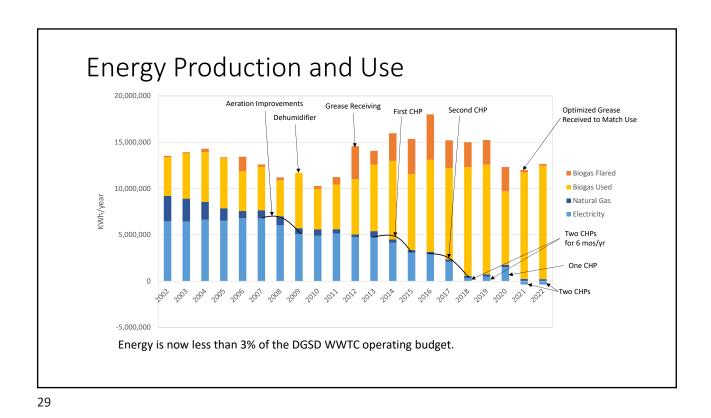


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### Combined Heat & Power Generators

- CHP Units
  - □ (2) 375 kWe | 1.45 MBTUH CHP units
  - Electrical connections
  - Hot Water HX & Distribution
- Energy Recovery Efficiency
  - 83% Total Efficiency
  - 39% Electrical Efficiency
  - 44% Thermal Efficiency
- Nissen Energy
  - Modular/Upgradeable
  - Compact design





### Biosolids Issues due to Grease

- More difficult to dewater
  - Belt Press cake more gelatinous
  - Water does not evaporate during storage, made worse by rain
  - Twice as long to dry when augering
- □ Product "not as nice"
- Insufficient storage space available

 Forced to land apply Class B biosolids to farm fields, starting in 2016



### Impacts to Biosolids Disposal

Year	Class A (cubic yards)	Class B (cubic yards)	Class A (dry tons)	Class B (dry tons)	% Class B By Volume	% Class B By Weight
2013	3,043	0	1 <i>,757</i>	0	0%	0%
2014	3,446	0	2,068	0	0%	0%
2015	3,625	0	1,948	0	0%	0%
2016	3,380	1,018	1,821	164	23%	8%
2017	3,983	1,718	1,964	223	30%	10%
2018	3,072	3,000	1,685	449	49%	21%
2019	1,644	4,830	938	619	75%	40%
2020	1,522	5,915	799	634	80%	44%
2021	2,537	3,780	1,405	440	60%	24%
2022	1,192	5,300	632	542	82%	46%

- □ Annual land application costs increased from \$0 to \$100,000
- □ Prevailing Wages

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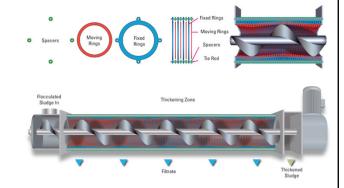
### **WAS Thickener**

- WAS historically thickened in gravity thickeners to 2.4%
- □ Installed WAS thickener
  - PWTech Volute Thickener
  - □ Placed into service in 2021
  - TWAS 5.6%
- Goal: Hoped increased digester
   HRT would provide improved
   digestion resulting in better
   dewatering



### **WAS Thickener**

- Auger through inclined drums with fixed & moving rings.
- Small footprint
- □ Low power use
- □ Modular design, multiple drums



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### **WAS Thickener Data**

Belt Filter Press Cake				
Time Frame	TS Without Thickener	TS With Thickener		
2016 - 2020	13.8-14.1%			
2021 - 2022		12.6-13.0%		
2023 through June	12.9%			
2023 from July*		13.9%		

Belt Press/Digester Ammonia				
Time Frame	TS Without Thickener	TS With Thickener		
2018 - 2021	530-780 mg/L			
2022-2023**		976-1,113 mg/L		

\*\* During low flow periods, need to be more cautious of recycle load to avoid impacting nitrification.

□ WAS Thickener did not provide improved dewatering.

<sup>\*</sup> Removed from service due to buildup between plates.

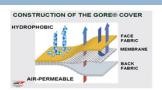
## Potential Future Solids Processing Improvements

- □ Heat Exchanger Capacity
- □ New Dewatering Technology
- Composting
- □ Cover Sludge Storage beds/bins

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# **GORE® Cover in combination with Positive Aeration System**







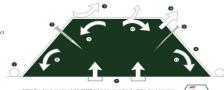


Each membrane pore is 20,000 times smaller than the smallest water drop.

#### **Encapsulated Process**

GORE® Cover delivers In-Vessel performance without the need for buildings or roofed structures





### Composting Pilot

- □ Four batches done in three phases each
- □ July 2020 March 2021
- □ All batches achieved Class A
  - □ PFRP of 131°F for 3 days
  - Passed Salmonella test
- □ Full scale facility recommendations
  - Wood Chips to Biosolids 1:1
  - $\square$  Phase 1 & 2 3 weeks each
  - □ Phase 3 2 weeks
  - \$3,000,000 construction cost





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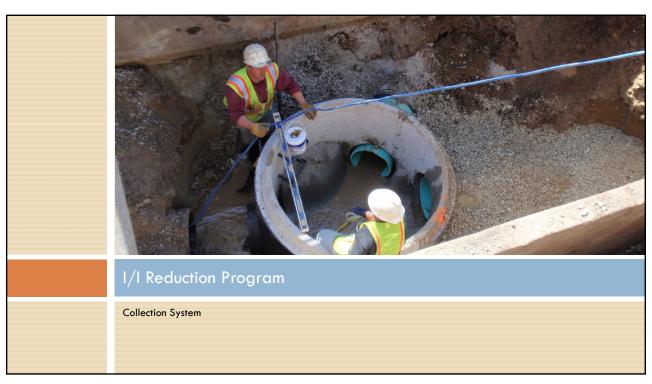
### **Dewatering Pilots**

- Goal: Increase %TS so that composting facility maybe smaller or not needed
- □ Volute Dewatering Press
  - PWTech
  - □ June 2022
- □ Screw Press
  - Huber Technology
  - □ August 2023



## **Dewatering Comparison**

Dewatering Technology	% тѕ	Polymer Dose (lbs. active/dry ton)	% Capture Rate
Belt Filter Press (2022)	13.0		
Volute Press (2022)	18	32.5	>95
Screw Press (2023)	19 – 20	25.4	>95
Belt Filter Press (late 2023)	13.9		



## I/I Problem History

- □ Building Inspections and Code Enforcement
  - □ Began in 1973
  - Identify illegal connections (downspouts, sump pumps, etc.)
  - □ Almost every building has been inspected at least once
  - □ 99% compliance

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## I/I Problem History

- SSES and Sewer Rehab in 1980s (USEPA grant)
  - Sewer System Evaluation Survey 1981
    - Determine most cost-effective combination of sewer system and treatment improvements
    - SSES Over 15,000 manhours
    - Recommend combination of sewer rehabilitation and additional capacity (transport and treatment)
    - Projected peak flow = 85.44 MGD
    - Peak flow after rehab = 60.0 MGD (25.44 MGD removal)
  - Facility Plan Report approved by IEPA

## I/I Problem History

- □ Scope of Improvements 1980s
  - □ Total Cost \$18.9M
  - Excess Flow Improvements
    - 40 MGD capacity
    - Cost \$7M
  - Trunk Sewer Capacity
    - Approximately 29,000 LF of pipe 10" 36"
    - Approximately 11,000 LF of Large Diameter 42"-54"
    - Approximately 13,000 LF of force main
    - Total Cost = \$9.8M
  - Sewer Rehabilitation
    - \$2.1M
  - USEPA Grant

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## I/I Problem History

- Continuing SSES in late 1980s and 1990s
  - Smoke testing
  - □ Continue building inspections and code enforcement
  - □ Flood testing minimal public property I/I identified

## I/I Problem – History

- □ Continued I/I problems despite SSES efforts
  - □ Normal dry weather flow = 7.9 MGD
  - Peak wet weather flow > 100 MGD
  - □ New direction needed to address I&I from private property

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## Flow Basin I-J-16 Pilot Rehab project

- □ February 1994 to May 1997
- □ Install CIPP (liner) in 5,316 LF of sewer
- □ Grout and install liner in 16 manholes
- □ Install CIPP in 69 of 85 services from main to property line
- □ Total Cost = \$419,193
- □ No reduction in I/I

### Sewer System Assistance Programs

- □ Developed Multiple Programs, All Have Elements of I/I Removal
  - Overhead Sewer Program
  - Building Sanitary Service Repair Assistance Program (BSSRAP)
  - □ Target Area I&I Removal Program

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### Cost Reimbursement Program for the Installation of Overhead Sewers or Backflow Prevention Devices

- □ This program offers financial assistance to the building owner by cost sharing with the owner to upgrade their plumbing to current requirements that will protect their building in the event of surcharging in the public main caused by a blockage or extreme wet weather.
  - □ District will reimburse up to \$3,000





### Cost Reimbursement Program for the Installation of Overhead Sewers or Backflow Prevention Devices

- □ The program benefits the district by eliminating the potential cost to the District from a damage claim by the owner due to a public sewer backup.
- Other benefits to the District include the identification and elimination of I/I by way of requiring that stormwater sump pits for groundwater be installed if one is not present and the elimination of older piping under the floor that could be allowing groundwater to enter the system.

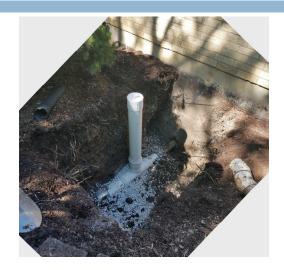
49

### Building Sanitary Service Repair Assistance Program

- □ Studied for one year
- □ Survey sent to 20,000 building owners
- □ Received 5,000 completed surveys
- □ Prepared 231 page summary of results
- □ Majority of surveys favored the program
- $\hfill\Box$  Developed estimates of annual program costs
- □ Approved by the Board of Trustees in 2002

### Building Sanitary Service Repair Assistance Program

- **BSSRAP**
- □ Scope of work includes
  - Outside cleanouts
  - ■Point repairs
  - ■Total service replacement
  - ■Air testing



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### Building Sanitary Service Repair Assistance Program

- □ Building Owner submits documentation of sewer problems
- □ DGSD televises service, inspects building and identifies defects and I/I Sources
- □ DGSD determines needed repairs
- □ Building Owner signs 2 agreements:
  - Program Compliance Agreement
  - Access Agreement
- Access agreement is recorded
- Contractor completes repair within 6 weeks
- □ DGSD arranges for removal of I/I sources

### Building Sanitary Service Repair Assistance Program

- □ Contract Requirements
  - Work to be complete within 6 weeks of receiving work order
  - Emergency repairs to be started the next day
  - ■Contract Renewal
    - ■5-year renewal period
    - Adjust unit prices annually based on CPI
    - Provides incentive for Contractor to satisfy and partner with DGSD

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### Building Sanitary Service Repair Assistance Program

- □ As of October 2023, after 21 years
  - □ 5,097 inspections done
    - 23.3% of connected buildings
  - □ 4,097 repairs done
    - Represents approximately 18.7% of connected buildings
- □ Feedback from customers has been extremely positive

Vellace D. Yan Buren		Downers Grove	General Manager Amy R. Underwood
Problem Arry E. Seinost			Legal Coursel
Vice President		Sanitary District	Michael G. Philipp
Paul W. Coultrap Cirrl		2710 Curtiss Street	RECEIVED
		P.O. Box 1412 Downers Grore, IL 66515-0363	11 - 03:221
		Phone 639-969-0664 Fax: 630-969-0827 www.dead.org	
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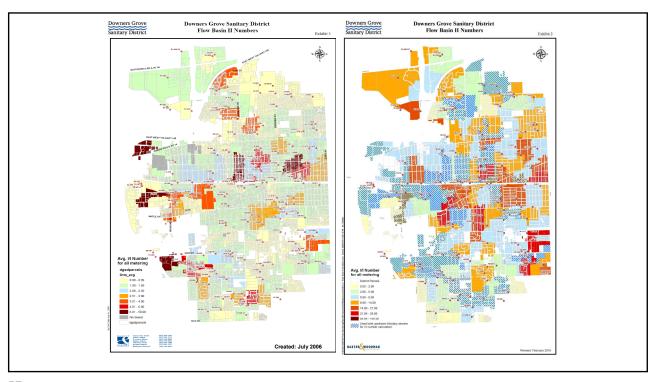
## **Current Sewer Rehabilitation Policy**

- □ Flow Monitoring Program
  - □ Program started in September 1996
  - Divide District into 151 flow meter basins
  - □ 147 Metering sites (Manholes)
  - □ Approx 8,200 LF of public sewer per basin
  - Meter basin for 9-week period every 3 years
  - □ Utilize portable Hach FL-900 for sewers
  - Install magnetic flow meters at pump stations
  - Purchase and install 6 rain gauges

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### **Current Sewer Rehabilitation Policy**

- □ Flow Monitoring Program
  - Data Analysis
    - Determine I/I in each flow basin
      - I/I Number
    - Compare flow basin I/I numbers to prioritize rehabilitation work
    - GIS map of I/I numbers



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## Sewer Rehab Policy — I/I Reduction

- □ Select Target Rehabilitation Basin
  - □ Develop Criteria / Scoring System based on:
    - Frequency of Sanitary Sewer Overflows (SSO)
    - Frequency of Basement Backups
    - Flow Monitoring Data
    - System Age

## I/I Removal Program

- □ Rehab approach
- □ Private property inspections
  - Illegal connections
  - □ Flood test and building service video inspection
  - Access agreement
- □ Complete system rehabilitation
  - Mains: Line/Grout/Replace
  - Manholes: Grout/replace
  - □ Services: Line/Grout/Replace
  - □ Eliminate private property I/I sources

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## I/I Reduction Projects

Basin	Size	Rehabilitation Method	I/I Reduction	Cost
I-H-009	8,300 LF / 188 services	Lining (Public Sewers and Private Laterals)	65%	\$1.5M
I-M-012A	9,442 LF / 211 services	Open Cut (Public Sewers and Private Laterals) and Grouting	56%	\$2.7M
E-1-014	8,021 LF / 165 services	Grouting (Public Sewers and Private Laterals)	45%	\$300k
I-K-028	8,399 LF / 232 services	Open Cut (Public Sewers and Private Laterals) *(54% complete)	57%	\$2.7M

## Annual Open House

□ Allows customers to see how their money is spent



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## Recognition

### Utility of the Future



### Earth Flag







#### **Amy Underwood**

**From:** Amy Underwood

Sent: Wednesday, November 15, 2023 8:49 AM

**To:** epa.indilr00swppp@illinois.gov

**Subject:** Downers Grove Sanitary District NOI Renewal

Attachments: notice-of-intent-industrial\_2023-11-13.pdf; SWPPP 2023 REVISION.pdf

#### To Whom It Concerns:

Attached please find the Notice of Intent (NOI) for renewal of the General Storm Water Permit for Industrial site Activities at the Downers Grove Sanitary District Wastewater Treatment Center. The District's updated Storm Water Pollution Prevention Plan (SWPPP) is also attached, as required.

Please do not hesitate to contact me should you have any questions.

Sincerely, Amy

#### Amy R. Underwood, P.E.

General Manager



2710 Curtiss Street P.O. Box 1412 Downers Grove, IL 60515 (630)969-0664 www.dgsd.org