DOWNERS GROVE SANITARY DISTRICT GENERAL MANAGER'S REPORT October 13, 2023

October Board Meeting

Copies of documentation for the following agenda items are enclosed for the October 17, 2023 meeting:

- 1) Proposed Agenda
- 2) Minutes of the September 26, 2023 regular meeting
- 3) Claim Ordinance 1930
- 4) 2023 Open House Report
- 5) Memo regarding Electricity Supply Proposals

BOLI Meeting

There is no BOLI meeting scheduled this month.

Operations Reports

Copies of the following are enclosed for September 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

Emergency lighting was purchased and installed to replace units throughout the facility that were no longer working. This includes exit signs, flood lights, and combination units. A checklist has been created which can be used for future routine testing of the lights.

Strobe lights have been installed on the lab van. This will make the analysts more visible when the van is parked while they collect samples.

The Safety Committee also closed two incident reports last month.

Financial

A copy of the Investment Schedule as of September 30, 2023 is enclosed.

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

<u>Meetings</u>

I attended the following meetings since the September 22, 2023 General Manager's report:

- September 29 attended CSWEA Illinois Section meeting in Glen Ellyn
- September 30 October 4 attended WEFTEC in Chicago. Marco attended all week and participated in the Operations Challenge. Sixteen additional staff members also attended for a single day each to go through the Exhibit Hall.
- October 1 attended the CSWEA Executive Committee meeting in Chicago.
- October 6 attended IWSS monthly engagement meeting
- October 11 attended the CSWEA Local Arrangements Committee (LAC) meeting
- October 12 attended DRSCW Executive Board meeting in Wheaton. Larry also attended.

Miscellaneous

Copies of the following items are enclosed:

- 1) Pretreatment Compliance Inspection (PCI) report from EPA dated September 6 and DGSD response dated September 29
- 2) October 1 letter to IEPA in support of proposed SRF loan term changes
- 3) General Manager's Report to the Employees dated October 6

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

DOWNERS GROVE SANITARY DISTRICT BOARD OF TRUSTEES MEETING OCTOBER 17, 2023 – 7:00 PM BOARD ROOM

PROPOSED AGENDA

- I. APPROVAL OF MINUTES

 A. REGULAR MEETING SEPTEMBER 26, 2023
- II. APPROVAL OF CLAIM ORDINANCE NO. 1930
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
 - A. OPEN HOUSE REPORT
 - B. 2023-24 ELECTRICITY SUPPLY CONTRACT

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 October 17, 2023. The form can be found here: https://www.dgsd.org/government/public-comment/



MINUTES

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, September 26, 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, and Attorney Dan McCormick.

Minutes of Regular Meeting – August 15, 2023

A motion was made by Trustee Sejnost seconded by Trustee Wang approving the minutes of the regular meeting held on August 15, 2023 and authorizing the President and Clerk to sign same. The motion carried.

Change Order 2 – Admin Building Entry Remodel

A motion was made by Trustee Sejnost seconded by Wang approving Change Order No. 2 for the Admin Building Entry Remodel contract with YAD Construction, LLC in the amount of \$21,907.50 and authorizing the General Manager to sign the same. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost, and Wang.)

Claim Ordinance No. 1929

A motion was made by Trustee Wang seconded by Trustee Sejnost adopting Claim Ordinance No. 1929 in the total amount of \$1,570,342.34 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

Contract Award – 2023 Trunk Sewer Rehabilitation: Curtiss Street

A motion was made by Trustee Sejnost and seconded by Trustee Wang awarding the 2023 Trunk Sewer Rehabilitation project to the lowest responsible and responsible bidder, Visu-Sewer of Illinois, LLC in the amount of \$1,886,180.00 and authorized the General Manager and Assistant Clerk to sign the same. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost, and Wang.)

Other New Business

Trustee Van Buren requested a formal study of the CHP engines be performed. He commented on the loss prevention meeting and recent safety upgrades. He inquired about the status of the projects with Concentric Integration. He commended the District's support for Waubonsee Community College's water treatment certification program. He congratulated Nick Whitefleet and Todd Freer on their recent promotions. He commented on the number of past due customers. He also

commended Rolf Flechsig and Marco Rendon for saving money on a recent CHP repair. He commented on the delay of the pipe for the Outfall SAG repair and the progress of the Centex Lift Station replacement. He congratulated Keith Shaffner for 15 years of service to the District.

Trustee Wang commented on the savings for the Clarifier 3 repair. He commented on the upcoming open house and the addition of the game.

Trustee Sejnost congratulated Keith Shaffner on 15 years of service. She also congratulated Nick Whitefleet and Todd Freer for their recent promotions. She commented on the safety vests purchased for employees and the addition of MFA to Microsoft Office. She inquired on the Sewer System Engineering Technician position. She commended Nick Whitefleet for the in-house repairs that saved the District money. She inquired about the illegal sump connections mentioned in Keith Shaffner's report. She commented on the support of Waubonsee Community College's water treatment certification program. She also commented on the upcoming open house. She also discussed her experience at the IAWA Trustee Roundtable.

A motion was made by Trustee Sejnost seconded by Trustee Wang to adjourn the regular meeting at 7:24 p.m. The motion carried.

Approved: October 17, 2023		
	President	
Attest:	_	

Downers Grove, Illinois

Date: October 17, 2023

Claim Ordinance No. 1930

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 up by the Treasurer of said District out of the funds shown below. Said claims, totaling \$836,022.71 being in words and figures as follows:

GENERAL LEDGER RECAP

DATE 09/18/23 PERIOD END 09/15/23

PAGE

PAYROLL END DATE: 09.15.23 PAYROLL PAID DATE: 09.18.23 G/L DATE: 10.31.23

	COST DESCRIPTION		
	CASH - PAYROLL ACCOUNT		24057.75-
01-00.2000	FEDERAL TAX WITHHELD		3463.01-
01-00.2001	STATE TAX WITHHELD		1591.96-
01-00.2002	SOCIAL SECURITY WITHHELD		2604.00-
01-00.2003	IMRF WITHHELD		1206.86-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		705.34-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		283.33-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		603.41-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		76.08-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		124.96-
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	10393.09	
01-11.A007	CODE ENFORCEMENT	9722.25	
01-11.A008	SAFETY ACTIVITIES	44.28	
01-11.A030	BUILDING AND GROUNDS	712.20	
01-12.A009	OPERATIONS MANAGEMENT	4920.12	
01-12.A011	MAINTENANCE - WWTC	1846.94	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	222.34	
01-12.A014	MAINTENANCE - ELECTRICAL	22.14	
01-12.A021	WWTC - OPERATIONS	286.39	
01-12.A030	BUILDING AND GROUNDS	268.43	
01-13.A009	OPERATIONS MANAGEMENT	3077.59	
01-13.A041	LAB - WWTC	420.82	
01-13.A042	LAB - PRETREATMENT	1308.13	
01-13.A043	LAB - SURCHARGE PROGRAM	210.41	
01-13.A048	LAB - ENERGY RECOVERY	52.74	
01-14.A006	ENGINEERING	528.09	
01-15.A006	ENGINEERING	219.81	
01-15.A009	OPERATIONS MANAGEMENT	489.41	
01-15.A030	BUILDING AND GROUNDS	44.29	
01-15.A080	LIFT STATION MAINTENANCE	44.29	

34833.76 34833.76-

GENERAL LEDGER RECAP

DATE 09/20/23 PERIOD END 09/16/23 PAGE 5

PAYROLL END DATE: 09.16.23 PAYROLL PAID DATE: 09.22.23

G/L DATE: 10.31.23

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		56610.37-
01-00.2000	FEDERAL TAX WITHHELD		9679.66-
01-00.2001	STATE TAX WITHHELD		4107.79-
01-00.2002	SOCIAL SECURITY WITHHELD		6832.59-
01-00.2003	IMRF WITHHELD		3996.41-
01-00.2005	CLEARING		20.89-
01-00.2013	CREDIT UNION WITHHELD		2697.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		4149.85-
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		1202.86-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		308.71-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		516.11-
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	505.79	
01-11.A004	FINANCIAL RECORDS	8355.27	
01-11.A005	ADMINISTRATIVE RECORDS	1152.66	
01-11.A007	CODE ENFORCEMENT	7051.95	
01-11.A008	SAFETY ACTIVITIES	1586.85	
01-11.A030	BUILDING AND GROUNDS	410.00	
01-12.A011	MAINTENANCE - WWTC	12768.47	
01-12.A012	MAINTENANCE - VEHICLES	328.00	
01-12.A014	MAINTENANCE - ELECTRICAL	8108.08	
01-12.A021	WWTC - OPERATIONS	14406.25	
01-12.A022	WWTC - SLUDGE HANDLING	7326.52	
01-12.A023	WWTC - ENERGY RECOVERY	357.25	
01-12.A030	BUILDING AND GROUNDS	3754.11	
01-13.A041	LAB - WWTC	5530.65	
01-13.A048	LAB - ENERGY RECOVERY	210.45	
01-14.A051	SEWER MAINTENANCE	11186.76	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	281.56	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	1251.52	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	983.07	
01-14.A064	INSPECTION - MISCELLANEOUS	694.46	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	2208.91	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2326.87	
01-15.A080	LIFT STATION MAINTENANCE	230.01	

91015.46 91015.46-

GENERAL LEDGER RECAP

DATE 10/03/23 PERIOD END 09/30/23 PAGE 5

PAYROLL END DATE: 09.30.23 PAYROLL PAID DATE: 10.06.23

GL DATE: 10.31.23

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001			54561.44-
	FEDERAL TAX WITHHELD		9030.76-
01-00.2001	STATE TAX WITHHELD		3923.47-
01-00.2002	SOCIAL SECURITY WITHHELD		6536.44-
01-00.2003	IMRF WITHHELD		3855.05-
01-00.2005	CLEARING		20.89-
01-00.2013	CREDIT UNION WITHHELD		2182.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		3960.10-
01-00.2017	VOLUNTARY GROUP LIFE		160.00-
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		508.77-
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	881.13	
01-11.A004	FINANCIAL RECORDS	8752.75	
01-11.A005	ADMINISTRATIVE RECORDS	946.24	
01-11.A007	CODE ENFORCEMENT	3369.51	
01-11.A008	SAFETY ACTIVITIES	1925.83	
01-12.A011	MAINTENANCE - WWTC	12538.63	
01-12.A014	MAINTENANCE - ELECTRICAL	7754.53	
01-12.A021	WWTC - OPERATIONS	13652.04	
01-12.A022	WWTC - SLUDGE HANDLING	6867.82	
01-12.A023	WWTC - ENERGY RECOVERY	152.01	
01-12.A030	BUILDING AND GROUNDS	4151.37	
01-13.A041	LAB - WWTC	5409.20	
01-13.A048	LAB - ENERGY RECOVERY	97.50	
01-14.A051	SEWER MAINTENANCE	12326.25	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	373.19	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	1964.12	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	708.53	
01-14.A064	INSPECTION - MISCELLANEOUS	737.97	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	1176.76	
	INSPECTION - CODE ENFORCEMENT	2933.92	
01-15.A080	LIFT STATION MAINTENANCE	320.63	
		87039.93	87039.93-

PAYROLL END DATE: 09.30.23 PAYROLL PAID DATE: 10.03.23

G/L DATE: 10.31.23

GENERAL LEDGER RECAP

01-14.A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS

01-15.A009 OPERATIONS MANAGEMENT

DATE 10/02/23 PERIOD END 09/30/23 PAGE

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		23370.30-
01-00.2000	FEDERAL TAX WITHHELD		3410.95-
01-00.2001	STATE TAX WITHHELD		1577.11-
01-00.2002	SOCIAL SECURITY WITHHELD		2573.41-
01-00.2003	IMRF WITHHELD		1106.79-
01-00.2013	CREDIT UNION WITHHELD		515.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		673.76-
01-00.2017	VOLUNTARY GROUP LIFE		48.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		283.33-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		802.97-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		124.92-
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	9603.17	
01-11.A007	CODE ENFORCEMENT	9492.11	
01-11.A008	SAFETY ACTIVITIES	98.07	
01-11.A030	BUILDING AND GROUNDS	440.61	
01-12.A006	ENGINEERING	134.93	
01-12.A009	OPERATIONS MANAGEMENT	5440.96	
01-12.A011	MAINTENANCE - WWTC	1836.09	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	685.54	
01-12.A014	MAINTENANCE - ELECTRICAL	98.06	
01-12.A021	WWTC - OPERATIONS	311.69	
01-12.A023	WWTC - ENERGY RECOVERY	90.25	
01-12.A030	BUILDING AND GROUNDS	146.87	
01-13.A009	OPERATIONS MANAGEMENT	3309.98	
01-13.A041	LAB - WWTC	314.47	
01-13.A042	LAB - PRETREATMENT	2113.09	
01-13.A048	LAB - ENERGY RECOVERY	174.15	

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44.68

268.88

===== VENDOR =====	=======	===== IN	VOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
ACI Payments Inc.	A000096	09/19/23	1000101746	01-11.B110	OLR FEES	32.80	32.80	105166
ALTORFER INDUSTRIES, INC.	A000292	09/19/23	PM6A0020291	01-12.B513	EMR GEN 1 1/4 OIL SAMPLE	174.00		
		09/19/23	PM6A0020292	01-12.B513	EMR GEN 3 1/4 OIL SAMPLE	174.00		
		09/19/23	PM6A0020293	01-12.B513	EMR GEN 2 1/4 OIL SAMPLE	174.00	522.00	105167
Amazon Business	A000296	10/01/23	13TCW7PK69LP	01-11.B116	CLIPBOARDS	21.89		
		10/01/23	13TCW7PK69LP	01-14.B116	CHAIR	124.49		
		10/01/23	19M77LQJ6JQJ	01-14.B116	SCANNER	599.97		
		09/18/23	1J3HR64NNYYG	01-11.B116	BOARDRM KITCHEN SUPPLIES	115.98		
		09/27/23	1JHWF9RGDJPN	01-12.B116	BOOT WATERPROOFING	19.53		
		09/27/23	1JHWF9RGDJPN	01-12.B117	BS HAT	34.99		
		09/29/23	1JHWF9RGNWCG	01-13.B116	PAPERTOWELS	68.97		
		09/18/23	1LNRMKT746R4	01-12.B116	OPEN HSE JUICE/WATER	211.90		
		09/28/23	1MJ9NTT4FJFQ	01-11.B116	BOARD RM SUPPLIES	57.48		
		09/27/23	1N9FWV6H4CYY	01-12.B117	NP OUTERWEAR	214.95		
		09/28/23	1NQDPWF3F94N	01-12.B116	OPEN HSE SUPPLIES	35.80		
		10/03/23	2CVP3KGH777T	01-12.B116	MSB SUPPLIES	42.21		
		10/02/23	2D6WJDGNF3DQ	01-12.B801	UTILITY CART/RATCHET STRP	231.99	1780.15	105168
UTOZONE - AZ COMMERCIAL	A000600	09/19/23	2576412969	01-13.C225	LAB VAN EMERGENCY LIGHTS	31.33		
		09/22/23	2576414769	01-14.C225	OIL CHANGE SUPPLIES	69.77		
		10/05/23	2576423517	01-12.B116	HOTSY STEAMER SCRUB BRUSH	13.48		
		10/06/23	2576424136	01-14.B115	BATTERY	129.39		
		10/06/23	2576424137	01-14.B115	RETURN BATTERY CREDIT	22.00-	221.97	064463
AXTER & WOODMAN, INC.	B000120	09/26/23	0250812	01-11.B124	FLOW MONITORING	1120.95		
		09/26/23	0250813	01-14.B902	OUTFALL SEWER SAG CS	1316.25		
		09/26/23	0250816	01-14.B901	CURTISS ST CIPP LINING	2317.00		
		09/26/23	0250822	01-11.B124	2023 MISC ENGINEER SVCS	1373.35		
		09/26/23	0250823	01-14.B903	BASIN 2D CIPP	668.86		
		09/26/23	0250826	01-12.B513	STORAGE TNK REMOVE/REPLC	4802.50		
		09/26/23	0250827	01-13.B124	PCI ASSISTANCE	870.00		
		09/29/23	0251032	01-15.B124	BUTTERFLD LS RPLC STUDY	7625.00	20093.91	105169
radyIFS	в000319	10/03/23	8350986	01-12.B812	MSB TILE FLR FINISH	128.78	128.78	105170
HICAGO METROPOLITAN FIRE	C000240	09/30/23	00417619	01-12.B113	MSB SPRINKLER SYSTEM INSP	260.00	260.00	064464
INTAS #344	C000300	09/19/23	4168241156	01-12.B117	WWTC UNIFORMS	92.90		
			4168241156	01-14.B117	SS UNIFORMS	36.91		
			4169659261	01-12.B117	WWTC UNIFORMS	87.81		
			4169659261		SS UNIFORMS	42.00		
			4170356756	01-12.B117		87.81		
			4170356756		SS UNIFORMS	42.00	389.43	064465
INTAS FIRST AID & SAFETY	C000320		5176350541		FIRST AID REPLENISH	484.44	484.44	064466
TEPHANIE CIONI	C000323		REIMBURSE	01-13.B117		35.00	35.00	105171
TITY INSIGHT	C000325	09/26/23			CUST PORTAL ENHANCEMENTS		1326.00	105172
LOUDMELLOW	C000333	10/01/23			MONTHLY WEB HOSTING	95.00	95.00	064497
OMCAST	C000333		877120120055		BACK UP INTERNET	144.85	144.85	064467
omcast	C000373		184246264		INTERNET SERVICE	830.00	830.00	064468
·-···	2000313	10/01/23	101210201	VI II.DIIZ	TITION OBKVICE	030.00	030.00	204400
COMED	C000380	09/12/22	0055025057	01-15 B100	COLLEGE LS ELECTRIC	533.76		

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		09/12/23	0120089072	01-15.B100	WROBLE LS ELECTRIC	905.18		
		09/12/23	0458029046	01-15.B100	LIB PARK LS ELECTRIC	412.96		
		09/20/23	0562080004	01-15.B100	VENARD LS ELECTRIC	484.84		
			1095091170		NORTHWEST LS ELECTRIC	1611.11		
		09/15/23	1108062005	01-11.B100	ADMIN CTR ELECTRIC	219.61		
		09/15/23	1108062005		PLANT ELECTRIC	9394.48		
			1810068039	01-15.B100	EARLSTON LS ELECTRIC	314.03		
			3240038012	01-15.B100	BUTTERFIELD LS ELECTRIC	203.65		
			4657083017	01-15.B100	HOBSON LS ELECTRIC	2473.05		
			6770572011	01-12.B100	WALNUT HSE ELECTRIC	84.46		
			6770572011	01-14.B910		34.68		
			8762083052	01-12.B100		39.76	16840.91	064469
ONCENTRIC INTEGRATION, LLC	C000410	09/21/23			SCADA SFTWRE PLTFRM RPLC	33393.20	10010.71	001103
CONCENTRIC INTEGRATION, IEE	C000410	09/26/23			2023-2024 T&M SUPP SVC	3346.40		
		09/26/23			2023-2024 T&M SUPP SVC	1567.50		
		09/26/23			REMOTE CELL CONNECTIVITY	7615.19		
		09/26/23			2023-2024 MGD SUPP AGRMNT			
					2023-2024 MGD SUPP AGRMINT	2038.80		
		09/26/23				3058.20		
		10/11/23			2023-2024 MSD SUPP AGRMNT	2038.80		
		10/11/23			2023-2024 MSD SUPP AGRMNT	3058.20		
		10/11/23			2023-2024 MSD SUPP AGRMNT	2038.80		
		10/11/23			2023-2024 MSD SUPP AGRMNT	3058.20	61213.29	105173
CORE & MAIN LP	C000485	09/18/23			COLLEGE LS CHK VLVE SPRG	96.00	96.00	064470
COVERALL NORTH AMERICA, INC	C000557		1010720071		PLANT CLEANING	304.00		
			1010720071		LAB CLEANING	157.00		
		10/01/23	1010720072	01-11.B116	ADMIN CTR CLEANING	429.00	890.00	105174
CURTIS MARTIN GROUP, INC.	C000660	09/19/23	8821	01-11.B115	BILLING PROGRAM WORK	1440.00	1440.00	105175
ANIEL MCCORMICK, P. C.	D000035	09/30/23	005	01-11.B124	LEGAL SERVICES	465.00	465.00	064471
DELTA SONIC	D000220	09/29/23	0009637	01-11.C225	ADMIN CAR WASHES	8.33		
		09/29/23	0009637	01-12.C225	PLANT CAR WASHES	16.66		
		09/29/23	0009637	01-14.C225	SS CAR WASHES	16.66	41.65	064472
DISCOUNT FENCE COMPANY, INC	D000240	09/15/23	510780	01-12.B812	FENCE LINE REPAIRS	2900.00		
		09/15/23	510781	01-12.B812	FENCE LINE REPAIRS	1935.00	4835.00	105176
THE REINALT-THOMAS CORPORATION	N D000260	09/25/23	4484021	01-14.C225	VEHICLE TIRE REPLACEMENT	1055.04	1055.04	064473
VILLAGE OF DOWNERS GROVE	D000480	09/08/23	10087	01-11.C222	AUGUST ADMIN FUEL	205.27		
		09/08/23	10087	01-12.C222	AUGUST PLANT FUEL	1949.00		
		09/08/23	10087	01-13.C222	AUGUST LAB FUEL	19.70		
		09/08/23	10087	01-14.C222	AUGUST SS FUEL	1657.61		
		10/15/23	10190	01-11.B121	METER READINGS	475.31		
		10/06/23	10264	01-11.C222	SEPT ADMIN FUEL	177.09		
		10/06/23	10264	01-12.C222	SEPT PLANT FUEL	1979.09		
		10/06/23	10264	01-13.C222	SEPT LAB FUEL	79.74		
		10/06/23	10264	01-14.C222	SEPT SS FUEL	1722.37	8265.18	064474
EYE MED VISION CARE	E000600	10/01/23	165969846	01-17.E455	VISION INSURANCE	428.60	428.60	064475
FIRST ADVANTAGE	F000130	09/30/23	2501292309	01-14.B117	DRUG TEST	31.28	31.28	105177

===== VENDOR ====		IP	VOICE					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		10/06/23	125881559	01-12.B112	PLANT PHN SVC	396.51		
		10/06/23	125881559	01-13.B112	LAB PHN SVC	71.37		
		10/06/23	125881559	01-14.B112	SS PHN SVC	209.75	952.95	064498
FIRST ENVIRONMENTAL LAB	F000140	09/12/23	178403	01-13.B123	SURCHG 2023 WK 4 BOD	115.20		
		09/19/23	178563	01-13.B123	SEPT 2023 NPDES MONTHLY	117.60		
		09/27/23	178755	01-13.B123	SEPT 2023 BIOSOLIDS	288.00		
		09/27/23	178777	01-13.B123	SEPT 2023 LOCAL LMT BKGRD	925.20	1446.00	105178
CODD FREER	F000360	10/04/23	REIMBURSE	01-14.B117	WEFTEC LUNCH/PARKING	48.25	48.25	105213
GEORGE'S LANDSCAPING	G000260	10/01/23	SEPT 2023	01-11.B118	ADMIN CTR MOWING/TRIMMING	562.10		
		10/01/23	SEPT 2023	01-12.B812	PLANT MOWING/TRIMMING	4050.50		
		10/01/23	SEPT 2023	01-15.B820	BUTTERFIELD LS MOWING	185.25		
		10/01/23	SEPT 2023	01-15.B821	CENTEX LS MOWING	185.25		
		10/01/23	SEPT 2023	01-15.B823	EARLSTON LS MOWING	185.25		
		10/01/23	SEPT 2023	01-15.B824	HOBSON LS MOWING	185.25		
		10/01/23	SEPT 2023	01-15.B825	LIBERTY PK LS MOWING	185.25		
		10/01/23	SEPT 2023	01-15.B826	NORTHWEST LS MOWING	185.25		
		10/01/23	SEPT 2023	01-15.B827	VENARD LS MOWING	185.25		
		10/01/23	SEPT 2023	01-15.B828	WROBLE LS MOWING	185.25	6094.60	105179
. W. GRAINGER, INC.	G000520	09/12/23	9835581068	01-12.B513	SEE SHEET	208.86		
		09/15/23	9840210174	01-12.B512	SEE SHEET	133.69		
		09/18/23	984050960	01-13.B115	SEE SHEET	207.62		
		09/19/23	9842785397	01-12.B512	SEE SHEET	47.31-		
		09/20/23	9844534843	01-12.B512	SEE SHEET	42.65		
		09/22/23	9847839538	01-12.B512	SEE SHEET	4.48		
		09/22/23	9847839546	01-12.B512	SEE SHEET	13.23		
		09/26/23	9851393836	01-12.B117	SEE SHEET	26.24		
		10/05/23	9860757260	01-12.B116	SEE SHEET	15.16		
		10/06/23	9862865384	01-12.B813	SEE SHEET	58.98	663.60	105180
ARON GUTIERREZ	G000610	10/03/23	REIMBURSE	01-12.B117	WEFTEC PARKING	25.00	25.00	105214
ESSICA GWOZDZ	G000630	10/04/23	REIMBURSE2	01-11.B117	OSHA CLASS MILEAGE	31.96	31.96	105181
IML, INC.	н000035	10/10/23	103854	01-13.B123	BIOSOLIDS PATHOGEN TEST	1025.00	1025.00	064476
LAN HARTIGAN	н000144	10/03/23	REIMBURSE	01-14.B117	WEFTEC LUNCH/PARKING	38.00	38.00	105182
OME DEPOT	Н000400	09/19/23	0521714	01-14.B115	SEE SHEET	26.40		
		09/18/23	1024099	01-12.B812	SEE SHEET	43.82		
		09/28/23	1024885	01-12.B812	SEE SHEET	143.78		
		09/25/23	191600097343	01-12.B116	SEE SHEET	117.24		
		09/25/23	4353453	01-12.B116	SEE SHEET	21.97		
		09/15/23	4707143	01-11.B118	SEE SHEET	119.00		
		09/15/23	4903436	01-11.B118	SEE SHEET	548.00		
		10/04/23	5032213	01-12.B116	SEE SHEET	146.60		
		09/22/23		01-12.B512		21.97		
		10/10/23		01-15.B522		44.88		
		10/10/23		01-12.B512		39.33		
		09/20/23		01-11.B116		38.96	1311.95	064477
AWA	1000100	09/26/23			MEMBER DUES	4274.00	4274.00	064478
L ENV PROTECTION AGENCY	1000260	09/14/23			LOAN REPAYMENT	90795.60	90795.60	105183

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
IMPACT NETWORKING, LLC	1000400	09/20/23	3054919	01-11.B115	COPIER SERVICE	89.00		
		10/05/23	3070389	01-11.B115	ADMIN PRINTER REPAIR	310.00	399.00	105184
ISTHA	I000470	10/04/23	G12500008625	01-11.C225	ADMIN TOLLS	7.45		
		10/04/23	G12500008625	01-12.C225	WWTC TOLLS	156.20		
		10/04/23	G12500008625	01-13.C225	LAB TOLLS	13.55		
		10/04/23	G12500008625	01-14.C225	SS TOLLS	99.85	277.05	064499
KANSAS CITY LIFE INSURANCE CO	K000045	10/01/23	1584458	01-17.E455	LIFE INSURANCE	379.37	379.37	105185
KOMLINE-SANDERSON	К000230	09/19/23	42057876	01-12.B509	BELT FILTER PRESS SWITCH	183.01	183.01	105186
LAI, LTD	L000012	06/29/23	010103	01-12.B510	DIG 4 HEAT EXC VALVE	1022.00		
		09/27/23	010605	01-12.B510	DIG 4 & 5 SLDGE PMP PARTS	697.64		
		10/11/23	233380	01-15.B826	NW LS CHK VALVE PARTS	1405.00	3124.64	105187
LEICA MICROSYSTEMS INC	L000211	09/24/23	9000803138	01-13.B115	MICROSCOPE	1224.99	1224.99	105188
MCMASTER-CARR SUPPLY COMPANY	M000360	09/22/23	14771057	01-12.B812	MSB DOOR SWEEP	345.40		
		10/05/23	15489548	01-15.B522	COLLEGE LS PLUG	275.29		
		10/06/23	15532975	01-12.B812	OPS CTR RM REPAIRS	118.56	739.25	105189
MENARDS - BOLINGBROOK	M000430	09/26/23	58358	01-12.B802	HYPO BLDG HEATER PARTS	140.90	140.90	064479
MIDAMERICAN ENERGY SERVICES, I	LLM000554	09/15/23	259824	01-15.B100	NORTHWEST LS ELECTRIC	849.77		
		09/15/23	259825	01-15.B100	LIB PARK ELECTRIC	184.89		
		09/15/23	259827	01-15.B100	BUTTERFIELD LS ELECTRIC	135.05		
		09/15/23		01-15.B100	EARLSTON LS ELECTRIC	146.43		
		09/25/23			VENARD LS ELECTRIC	289.43		
		09/15/23		01-15.B100	CENTEX LS ELECTRIC	61.69		
		09/15/23			COLLEGE LS ELECTRIC	253.84		
		09/15/23		01-15.B100	WROBLE LS ELECTRIC	630.95		
		09/15/23		01-15.B100	HOBSON LS ELECTRIC	1560.53	4112.58	105190
NALCO WATER PRETREATMENT	N000030		6670521907		DEIONIZER SYSTEM RENTAL	32.22	1112.50	103170
NALCO WATER FRETREATMENT	1000000		6670521908		DEIONIZER SYSTEM RENTAL	145.80	178.02	105191
NEUCO, INC.	N000260	10/10/23			GRIT BLDG HEATER REPAIR	85.44	178.02	103191
NEUCO, INC.	1000200					134.92		
		10/10/23			DIG 4&5 BLDG HEAT REPAIR DIG 4&5 BLDG HEAT REPAIR			
						61.56	294.47	105192
NITGOD, GAG	20000220	10/05/23			GRIT BLDG HEATER PART	12.55	294.47	105192
NICOR GAS	N000330		15876210004	01-12.B101		200.57		
			44976210003		PLANT 2 GAS	61.89		
			51006900008		CHEM FEED GAS	49.03		
			54976210002		ADMIN CTR GAS	53.54	416.50	054400
			87801017812		WALNUT HSE GAS	51.56	416.59	064480
PETTY CASH	P000350	10/11/23			LOS ARCOS - DRIVER TIP	60.00		
			CASH BOX	01-11.B119		5.65		
			CASH BOX		OPEN HSE SUPPLIES	54.02		
			CASH BOX	01-12.B117		30.00		
			CASH BOX		ICE FOR SAMPLERS	5.53	155.20	064481
POLYDYNE INC.	P000395	09/29/23	1775586	01-12.B402	BELT PRESS POLYMER	3074.04	3074.04	105193
PORTABLE JOHN, INC	P000410	10/21/23	279293	01-12.B812	PORTABLE JOHN	173.89	173.89	105194
CHARLES PREEN	P000600	10/02/23	REIMBURSE	01-12.B117	WEFTEC LUNCH/PARKING	29.50	29.50	064482
NICHOLAS PREEN	P000640	10/03/23	REIMBURSE	01-12.B117	WEFTEC LUNCH	23.25	23.25	105195

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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
RED WING SHOE STORE	R000180	09/25/23	136932	01-12.B117	MR BOOTS TUFF TOE	37.99		
		09/26/23	136975	01-12.B116	BOOT OIL RETURN/CREDIT	16.99-		
		09/25/23	451136930	01-12.B117	MR BOOTS	310.24		
		09/26/23	451136975	01-12.B117	MR RETURN	16.99-		
		10/09/23	451137457	01-14.B117	BM BOOTS	229.49	543.74	105197
MARCO RENDON	R000230	09/09/23	REIMBURSE	01-12.B117	SAFETY GLASSES	150.00		
		10/06/23	REIMBURSE2	01-12.B117	WEFTEC HOTEL/PARK/MEALS	285.71		
		09/20/23	REIMBURSE3	01-12.B117	WEFTEC OPS TRAINING	546.85	982.56	064483
RENTALMAX ADMINISTRATION	R000250	09/21/23	6142495	01-12.B116	FORKLIFT FUEL	33.69	33.69	064500
Matt Richert	R000274	10/03/23	REIMBURSE	01-12.B117	WEFTEC LUNCH	22.00	22.00	064484
CARLY SHAW	S000305	09/29/23	REIMBURSE	01-11.B117	SUPS LNCH/OSHA CLASS	152.90		
		09/29/23	REIMBURSE	01-12.B116	OPEN HSE SUPPLIES	905.15	1058.05	105198
WILLIAM SMITH	S000439	10/02/23	REIMBURSE	01-12.B117	WEFTEC LUNCH	20.75	20.75	064485
SPRING GREEN LAWN CARE	S000550	09/12/23	7506447	01-15.B820	BUTTERFIELD LS LAWN CARE	36.80	36.80	064486
STAPLES INC.	S000640	08/29/23	3549121593	01-13.B116	TONER	144.99		
		09/06/23	3549121594	01-11.B116	OFFICE SUPPLIES	80.30		
		09/19/23	3549121595	01-11.B116	PAPER TOWELS/BUS CARDS	81.35	306.64	105199
STEPHENS PLUMBING AND	S000680	09/20/23	263415	01-14.B910	SHEAR REPAIR	448.10		
		09/20/23	263435	01-14.B910	SHEAR REPAIR	578.85		
		09/26/23	263634	01-14.B910	SHEAR REPAIR	648.10	1675.05	064487
STEWART SPREADING, INC.	S000780	09/27/23	3457	01-12.B131	BIOSOLIDS HAUL/LAND APP	89937.51	89937.51	064488
SUBURBAN LIFE PUBLICATIONS	S000867	09/30/23	10071278	01-11.B124	LEGAL PUBLICATION	50.86	50.86	064489
TELCO BILL CENTER	T000155	10/16/23	2488	01-12.B112	ELEVATOR PHONES	39.97	39.97	105200
TERRACE SUPPLY COMPANY	T000250	09/30/23	0001052081	01-12.B404	CYLINDER RENTAL	45.60	45.60	105201
TRI-K, INC.	T000535		122657	01-12.B103	DEODORANT	2087.06	2087.06	105202
TRIAD TECHNOLOGIES, LLC	T000575		81712157	01-12.B509	BLT PRS HYDRLC LEAK RPR	135.74	135.74	064501
JSABLUEBOOK	U000150	09/20/23	00138711	01-13.B114	LAB CHEMICALS	536.40		
		09/22/23	00141460	01-13.B114	LAB CHEMICALS	342.22		
		09/22/23	00141474	01-13.B116	LAB SUPPLIES	241.57		
		10/04/23	00153690		LAB SUPPLIES	525.83		
		10/01/23	00157130	01-13.B116		70.11		
			00157130	01-13.B116		70.11	1786.24	064490
MY INDEDMOOD	U000189					484.53	484.53	105203
AMY UNDERWOOD UNDERCUTTERS	U000189		REIMBURSE SEPTEMBER		WEFTEC/CSWEA ACTIVITIES TREE REMOVAL	800.00	800.00	064491
JNITED PARCEL SERVICE	U000300		0003Y0091123			37.32	800.00	004491
UNITED PARCEL SERVICE	0000300				SHIPPING SERVICE	82.87		
			0003Y0091193 0003Y0091283		SHIPPING SERVICE			
			000310091283		SHIPPING SERVICE	60.38		
					SHIPPING SERVICE	124.18		
			0003Y0091383		SHIPPING SERVICE	15.02	251 55	064460
THIS CONCERNIQUES ON THE	11000450		0003Y0091393		SHIPPING SERVICE	51.80	371.57	064492
JNO CONSTRUCTION CO., INC.	U000450		SEPT 2023		BSSRAP PROGRAM	88917.65	88917.65	105204
VERIZON WIRELESS	V000135		9945562484		RAIN GAUGE	55.83		
			9945562484		LS REMOTE COMS	277.29		
			9945747605		ADMIN CELL PHNS	215.07		
			9945747605		WWTC CELL PHNS	927.79		
		10/01/23	9945747605	01-13.B112	LAB CELL PHNS	155.67		



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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		10/01/23	9945747605	01-14.B112	SS CELL PHNS	480.34		
		10/01/23	9945747606	01-12.B112	PLANT TABLETS	165.45		
		10/01/23	9945747606	01-14.B112	SS TABLETS	30.06		
		10/01/23	9945747606	01-15.B112	LS TABLETS	36.01	2343.51	064493
VERMEER-ILLINOIS INC.	V000138	09/28/23	PK9681	01-12.B501	FILTER ELEMEMT	99.00	99.00	105205
VILLA PARK ELECTRICAL SUPPLY	V000145	08/23/23	24969800	01-12.B513	SHIPPING	22.36		
		09/25/23	25151100	01-12.B512	MAINTENANCE SUPPLIES	16.23		
		09/27/23	25166000	01-11.B118	ADM PARKING LOT LIGHTING	286.52		
		09/28/23	25175300	01-12.B512	MAINT REPAIR SUPPLIES	112.75	437.86	064494
WAGNER COMMUNICATIONS, INC	W000070	10/01/23	000030579931	01-11.B112	ANSWERING SERVICE	664.70	664.70	105206
WASTE MANAGEMENT SERVICES, IN	C.W000170	10/04/23	001840420093	01-12.B102	WASTE/RECYCLING	492.67	492.67	064502
WESTFAX	W000350	10/01/23	1433323	01-11.B112	FAXING SERVICE	8.99	8.99	105207
WEST SIDE TRACTOR SALES CO.	W000380	09/19/23	N43353	01-12.B501	SKID STEER CABIN FILTERS	33.12	33.12	064495
VILLAGE OF WESTMONT	W000450	09/28/23	718443	01-11.B121	METER READINGS	370.01	370.01	064496
NICHOLAS WHITEFLEET	W000470	10/07/23	REIMBURSE	01-12.B116	COFFEE/ICE FOR OPEN HSE	126.69	126.69	105208
						=======	=======	
					Total Payments:	440307.03	440307.03	
					ACH Payments Total:	302575.88	.00	
				Ch	neck Payments Total:	137731.15	440307.03	



NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
WAPIE	NONDER	DATE	NOMBER	G/L NOMBER	EAFENGE DESCRIPTION	EAFENSE	CHECK AND	CHECK IV
CHASE	B000050	09/16/23	EMPLPR091623	01-00.2000	FEDERAL TAX WITHHELD	9679.66		
		09/16/23	EMPLPR091623	01-00.2002	EMPL SOC SEC TAX	6832.59		
		09/16/23	EMPLPR091623	01-17.E461	EMPL SOC SEC TAX	6832.65	23344.90	105146
CHASE	B000050	09/30/23	EMPLPR093023	01-00.2000	FEDERAL TAX WITHHELD	9030.76		
		09/30/23	EMPLPR093023	01-00.2002	EMPL SOC SEC WITHHELD	6536.44		
		09/30/23	EMPLPR093023	01-17.E461	EMPLR SOC SEC WITHHELD	6536.42	22103.62	105154
HASE	в000050	09/30/23	SUPVPR093023	01-00.2000	FEDERAL TAX WITHHELD	3410.95		
		09/30/23	SUPVPR093023	01-00.2002	EMPL SOC SEC WITHHELD	2573.41		
		09/30/23	SUPVPR093023	01-17.E461	EMPLR SOC SEC WITHHELD	2573.41	8557.77	105155
HEM-WISE ECOLOGICAL	C000190	09/29/23	MULTIPLE	01-11.B118	ADM CTR PEST CONTROL	210.00		
		09/29/23	MULTIPLE	01-12.B812	PLANT PEST CONTROL	400.00	610.00	105144
.G. SANIT DIST #XXXXXXXXX111	7 D000400	10/12/23	REIMBURSE	01-00.1001	PAYROLL REIMBURSE	158599.86	158599.86	105164
.G. SANIT DIST #XXXXXXXXX111	4 D000420	09/25/23	REFUNDS	01-05.3001	REFUNDS	3119.12	3119.12	105165
G. SANIT DIST #XXXXXXXXX111	2 D000440	10/11/23	REIMBURSE	01-12.B116	MSB SUPPLIES	95.36	95.36	105163
UPAGE CREDIT UNION	D000650	09/16/23	EMPLPR091623	01-00.2013	EMPL AUTHORIZED W/HOLDING	2697.00	2697.00	105145
UPAGE CREDIT UNION	D000650	09/30/23	SUPVPR093023	01-00.2013	EMPL AUTHORIZED W/HOLDING	515.00	515.00	105151
UPAGE CREDIT UNION	D000650	09/30/23	EMPLPR093023	01-00.2013	EMPL AUTHORIZED W/HOLDING	2182.00	2182.00	105152
EALTH CARE SERVICE CORP.	н000190	09/15/23	165585	01-17.E455	HEALTH INSURANCE	47843.68	47843.68	105149
LLINOIS DEPARTMENT OF REVENUE	E I000240	09/16/23	EMPLPR091623	01-00.2001	STATE TAX WITHHELD	4107.79	4107.79	105147
LLINOIS DEPARTMENT OF REVENUE	E I000240	09/30/23	EMPLPR093023	01-00.2001	STATE STAX WITHHELD	3923.47	3923.47	105156
LLINOIS DEPARTMENT OF REVENUE	E I000240	09/30/23	SUPVPR093023	01-00.2001	STATE TAX WITHHELD	1577.11	1577.11	105157
LLINOIS MUNICIPAL	I000300	10/10/23	PENSION	01-00.2003	EMPL PENSION DEPOSIT	10792.10		
		10/10/23	PENSION	01-00.2014	EMPL VOL PENSION DEPOSIT	10496.89		
		10/10/23	PENSION	01-17.E460	EMPLR VOL PENSION DEPOSIT	16044.31	37333.30	105162
DANIEL JASSO	J000070	10/02/23	REIMBURSE	01-12.B116	DONUTS FOR OPEN HSE	195.12	195.12	105150
os Arcos Mexican Grill	L000312	10/11/23	000083	01-11.B117	EMPLOYEE LUNCH	870.00	870.00	064462
IIDAMERICAN ENERGY SERVICES, 1	LLM000554	10/11/23	MULTIPLE	01-11.B100	ADMIN ELECTRIC	452.84		
·		10/11/23	MULTIPLE	01-12.B100	PLANT ELECTRIC	4249.59	4702.43	105161
IIDAMERICA ADMIN HRA ACCOUNT	M000557	09/29/23	HRA FUNDING	01-17.E455	HRA ACCOUNT FUNDING	600.00	600.00	105143
ATIONAL SAFETY COUNCIL	N000140	06/01/23	00256482	01-11.B137	JG MEMBERSHIP	499.00	499.00	064461
RANSAMERICA RETIREMENT	T000415	09/16/23	EMPLPR091623	01-00.2026	DEF COMP IPPFA	516.11		
		09/16/23	EMPLPR091623	01-00.2027	DEF COMP ROTH IPPFA	200.00		
			EMPLPR091623	01-00.2028	DEF COMP LOAN REPAY IPPFA	195.91	912.02	105148
RANSAMERICA RETIREMENT	T000415	09/30/23			DEF COMP IPPFA	508.77	312.02	103110
	1000113	09/30/23			DEF COMP ROTH IPPFA	200.00		
		09/30/23		01-00.2028	DEF COMP LOAN REPAY IPPFA	195.91	904.68	105158
RANSAMERICA RETIREMENT	T000415	09/30/23		01-00.2026	DEF COMP IPPFA	124.92	301.00	103150
RANDAREKICA RETIREMENT	1000413	09/30/23		01-00.2027		40.00		
			SUPVPR093023	01-00.2027		77.06	241.98	105159
		09/30/23	DUFVFRU93UZ3	01-00.2028	DEF COME BOAM REPAI IPPEA	77.06	241.98	103122
					Total Payments:	325535.21	325535.21	
					ACH Payments Total:	324166.21	.00	
				_	eck Payments Total:	1369.00	325535.21	



02 IMPROVEMENT FUND STANDARD CHECK REGISTER FOR 10/17/23

===== VENDOR =====	=======	===== IN	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	в000120	09/26/23	0250814	02-47.0504	CENTEX LS CONST MAN	2275.00		
		09/26/23	0250824	02-48.0502	VENARD FM REPLACEMENT	1722.50	3997.50	105209
IL ENV PROTECTION AGENCY	I000260	09/14/23	25-2	02-30.0515	LOAN REPAYMENT	46595.53	46595.53	105210
						=======	=======	
					Total Payments:	50593.03	50593.03	
					ACH Payments Total:	50593.03	.00	
				Ch	neck Payments Total:	.00	50593.03	



Downers Grove 03 CONSTRUCTION FUND STANDARD CHECK REGISTER FOR 10/17/23

======================================	ENDOR =====	=======	===== IN	VOICE =====					
NAME		NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN,	INC.	B000120	09/26/23	0250828	03-20.0502	CGD SYSTEM DESIGN	5183.79	5183.79	105211
IL ENV PROTECTION	1 AGENCY	1000260	09/14/23	25-3	03-30.0515	LOAN REPAYMENT	14403.65	14403.65	105212
						Total Payments:	19587.44	19587.44	
						ACH Payments Total:	19587.44	.00	
					Ch	neck Payments Total:	.00	19587.44	
	DATE								
	REVIEWED								
	TRUSTEE APPR	OVAL							
					PRESIDENT				
					CLERK				



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 10/17/23

01-00.1000 CASH 765842.24-
01-00.1001
01-00.2000 FEDERAL TAX WITHHELD 22121.37
01-00.2001 STATE TAX WITHHELD 9608.37
01-00.2002 SOCIAL SECURITY WITHHELD 15942.44
01-00.2003 IMRF WITHHELD 10792.10
01-00.2013 CREDIT UNION WITHHELD 5394.00
01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 10496.89
01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 1149.80
01-00.2027 DEFERRED COMPENSATION WITHHELD - IPPFA ROTH 440.00
01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 468.88
01-05.3001 USER RECEIPTS 3119.12
01-11.B100 ELECTRICITY 672.45
01-11.B101 NATURAL GAS 53.54
01-11.B110 BANK CHARGES 32.80
01-11.B112 COMMUNICATION 2138.93
01-11.B117 EMPLOYEE/DUTY COSTS 1599.39
01-11.B118 BUILDING AND GROUNDS 1725.62
01-11.B119 POSTAGE 5.65
01-11.B121 USER BILLING MATERIALS 845.32
01-11.B124 CONTRACT SERVICES 3010.16
01-11.B137 MEMBERSHIPS/SUBSCRIPTIONS 4773.00
01-11.C222 GAS/FUEL 382.36
01-11.C225 OPERATION/REPAIR 15.78
01-12.B100 ELECTRICITY 13768.29
01-12.B101 NATURAL GAS 363.05
01-12.B102 WATER, GARBAGE AND OTHER UTILITIES 492.67
01-12.B103 ODOR CONTROL 2087.06
01-12.B112 COMMUNICATION 1585.55
01-12.B113 EMERGENCY/SAFETY EQUIPMENT 260.00
01-12.B116 SUPPLIES 2016.93
01-12.B117 EMPLOYEE/DUTY COSTS 2009.00
01-12.B131 SLUDGE HAULING/DISPOSAL SERVICES 89937.51
01-12.B402 CHEMICALS - SLUDGE DEWATERING 3074.04
01-12.B404 CHEMICALS - OTHER 45.60
01-12.B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL 132.12
01-12.B509 EQPT/EQPT REPAIR - SLUDGE DEWATERING 318.75
01-12.B510 EQPT/EQPT REPAIR - SLUDGE DIGESTION 1719.64
01-12.B512 EQPT/EQPT REPAIR - WWTC GENERAL 337.02
01-12.B513 EQPT/EQPT REPAIR - WWTC UTILITIES 49691.02
01-12.B801 BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOSAL 231.99
01-12.B802 BLDG AND GROUNDS - DISINFECTION 140.90
01-12.B804 BLDG AND GROUNDS - GRIT REMOVAL 97.99

ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 10/17/23

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B810	BLDG AND GROUNDS - SLUDGE DIGESTION	196.48	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	11343.73	
01-12.B813	BLDG AND GROUNDS - WWTC UTILITIES	58.98	
01-12.C222	GAS/FUEL	3928.09	
01-12.C225	OPERATION/REPAIR	172.86	
01-13.B112	COMMUNICATION	227.04	
01-13.B114	CHEMICALS	1056.64	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	1432.61	
01-13.B116	SUPPLIES	1546.01	
01-13.B117	EMPLOYEE/DUTY COSTS	35.00	
01-13.B123	OUTSIDE LAB SERVICES	2476.53	
01-13.B124	CONTRACT SERVICES	870.00	
01-13.C222	GAS/FUEL	99.44	
01-13.C225	OPERATION/REPAIR	44.88	
01-14.B112	COMMUNICATION	720.15	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	237.93	
01-14.B116	SUPPLIES	724.46	
01-14.B117	EMPLOYEE/DUTY COSTS	467.93	
01-14.B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	2317.00	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	1316.25	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	668.86	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	90627.38	
01-14.B929	ARRA LOAN PRINCIPAL REPAYMENT	90795.60	
01-14.C222	GAS/FUEL	3379.98	
01-14.C225	OPERATION/REPAIR	1241.32	
01-15.B100	ELECTRICITY	11180.50	
01-15.B112	COMMUNICATION	313.30	
01-15.B124	CONTRACT SERVICES	7625.00	
01-15.B522	EQPT/EQPT REPAIR - COLLEGE	416.17	
01-15.B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	7615.19	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	222.05	
01-15.B821	BLDG AND GROUNDS - CENTEX	185.25	
01-15.B823	BLDG AND GROUNDS - EARLSTON	185.25	
01-15.B824	BLDG AND GROUNDS - HOBSON	185.25	
01-15.B825	BLDG AND GROUNDS - LIBERTY PARK	185.25	
01-15.B826	BLDG AND GROUNDS - NORTHWEST	1590.25	
01-15.B827	BLDG AND GROUNDS - VENARD	185.25	
01-15.B828	BLDG AND GROUNDS - WROBLE	185.25	
01-17.E455	EMPLOYEE GROUP HEALTH	52067.18	
01-17.E460	IMRF	16044.31	
01-17.E461	SOCIAL SECURITY	15942.48	50503.03
02-00.1000	CASH DAVINE ON LOAN DRINGER	46505 53	50593.03-
02-30.0515	PAYMENT ON LOAN PRINCIPAL	46595.53	
02-47.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	2275.00	
02-48.0502	DESIGN ENGINEERING/ARCHITECTURAL	1722.50	10507 //-
03-00.1000	CASH		19587.44-



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 10/17/23

G	/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
0	3-20.0502	DESIGN ENGINEERING/ARCHITECTURAL	5183.79	
	3-30.0515	PAYMENT ON LOAN PRINCIPAL	14403.65	
		-		========
			836022.71	836022.71-

								,	
Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	Item Description
Grainger	09/11/23	\$208.86	01-12.8513	EQPT/EQPT REPAIR - WWTC UTILITIES	Delivered	MM			H2S Gas sampling tubes
Grainger	09/15/23	\$133.69	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF	ı	Maintenance Repair Supplies	Knockout Draw Stud (2), Knockout Punch (1)
Grainger	09/18/23	\$207.62	01-13.B115	LAB EQUIPMENT/EQUIPMENT REPAIR	Delivered	RF			UPS Replacement Battery
Grainger	09/22/23	\$240.16	01-12.8503	EQPT/EQPT REPAIR - EXCESS FLOW	Delivered	MR		Excess Flow Control Cabinet (Valves / Cross Collectors)	Time Delay Relay (4)
Grainger	09/19/23	-\$47.31	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	RF	Return / Partial Credit	Maintenance Repair Supplies	Knockout Punch (1)
Grainger	09/20/23	\$42.65	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Maintenance Repair Supplies	1-1/8" Knockout Punch (1)
Grainger	09/21/23	\$17.23	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC	For "Clearing"	CSWEA Model	1" PVC Pipe - 8'
Grainger	09/21/23	\$5.18	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies	1/8" Drill Bit (2)
Grainger	09/22/23	\$4.48	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	MR		Tool Replacement - Marco	Pneumatic (Air) nozzle gun (1)
Grainger	09/22/23	\$13.23	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	MR		Tool Replacement - Marco	2Pk. 1/4"Hex Bit #2 (1)
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	09/26/23	\$26.24	01-12.B117	EMPLOYEE/DUTY COSTS	Delivered	MR		Employee Outerwear - Marco	Mechanics Gloves
Grainger	09/28/23	\$32.96	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	BS		Intermediate Clarifier 3 Railing Replacement	7" x 10" Safety Sign (2)
Grainger	09/28/23	\$33.90	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	RF		Maintenance Repair Supplies	Cutting Oil - Pipe Threader (1Gal.)
Grainger	09/28/23	-\$157.13	01-12.8503	EQPT/EQPT REPAIR - EXCESS FLOW	In-Store	MR	Credit	Excess Flow Control Cabinet (Valves / Cross Collectors)	Time Delay Relay (3)
Grainger	10/05/23	\$15.16	01-12.B116	WWTC SUPPLIES	Delivered	MM		Supplies	AA Batteries
Grainger	10/06/23	\$58.98	01-12.8813	BLDG & GROUNDS - WWTC UTILITIES	Delivered	RF		Soda Ash Bidg. Heat	Thermostat
Home Depot	09/19/23	\$26.40	01-14.8115	SEWER SYSTEM EQUIPMENT/EQUIPMENT REPAIR	In-Store	AH	Credit	Safety Supplies - Alan	Hand Sanitizer - Work Vehicles
Home Depot	09/28/23	\$126.42	01-12.8809	BLDG & GROUNDS - SLUDGE DEWATERING	In-Store	MM	******		Shelfing and storage for belt press building
Home Depot	09/18/23	\$43.82	01-12.8812	BLDG & GROUNDS - WWTC GENERAL	In-Store	CP		Supplies - Buildings & Grounds	Mouse Traps & Bait
Home Depot	09/28/23	\$143.78	01-12.8812	BLDG & GROUNDS - WWTC GENERAL	In-Store	CP		Buildings and Grounds Supplies	Shovel(2), Rake(2), Marking Spray Painy(2), Door sweep, Hose Bib Key
Home Depot	09/25/23	\$117.24	01-12.B116	WWTC SUPPLIES	Delivered	ST		Dullungs and Grounds Supplies	Window cleaning supplies
Home Depot	09/27/23	\$48.04	01-12.8116	EOPT/EOPT REPAIR - TERTIARY TREATMENT	In-Store	AC AC		Intermediate Clarifier 3 Railing Replacement	Stainless Steel Eye Bolt (6), Spring link (8)
Home Depot	09/25/23	\$21.97	01-12.8311	WWTC SUPPLIES	Delivered	ST		intermediate clarifier 3 Kalling Replacement	Drain opener
Home Depot	09/25/23	\$14.00	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC		Maintenance Repair Supplies	1-1/2" PVC Fittings (8)
	09/25/23	\$119.00	01-12.B512 01-11.B118	ADMIN BUILDING & GROUNDS		CS		Maintenance Repair Supplies	Microwave for Boardrm Kitchen
Home Depot	09/15/23	\$548.00	01-11.B118	ADMIN BUILDING & GROUNDS	Delivered			Fridge for Boardrm kitchen	wicrowave for Boardini Kitchen
Home Depot Home Depot	10/04/23	\$101.72	01-11.B118 01-12.B116	WWTC SUPPLIES	Delivered In-Store	CS NW	Same Trip /		Mops, Mop heads, Microfiber attachements, batteries
Home Depot	10/04/23	\$44.88		EQUIP/EQUIP REPAIR - COLLEGE		NW	Same Recipt	Supplies College Drywell Repair	Epoxy / water weld (6)
	09/20/23	\$286.68	01-15.B522	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC		CSWEA Model	
Home Depot	09/20/23	\$286.68	01-12.8512	EQPT/EQPT REPAIR - WWTC GENERAL EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC AC	For "Clearing"		PVC Fittings, Pond Pump. Silicone, PVC cement Multi-Tool Saw Blade
Home Depot		\$89.98	01-12.8512	EOPT/EOPT REPAIR - WWTC GENERAL	In-Store	AC	e 101 1 1	Maintenance Repair Supplies CSWEA Model	
Home Depot	09/21/23	\$89.98	01-12.8512	EQUIP/EQUIP REPAIR - COLLEGE	In-Store		For "Clearing"		2'x4' Acrylic Sheet
Home Depot	10/10/23	\$44.88	01-15.B522	EQDIP/EQDIP REPAIR - COLLEGE EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC	Same Trip	College Drywell Repair	Epoxy / water weld (6)
Home Depot	10/10/23		01-12.B512		In-Store	AC		Maintenance Repair Supplies	Carbide saw blade, Markzall markers (4)
Home Depot	09/26/23	\$698.00 \$38.96	01-13.B115	LAB EQUIPMENT/EQUIPMENT REPAIR ADMIN SUPPLIES	Delivered	FF		Lab Bldg.	Refridgerator
Home Depot	09/20/23	\$38.96	01-11.8116	ADMIN SUPPLIES	In-Store	KS		Admin Ctr	Water Purifier for faucet in basement kitchen
			ļ .						
			 						
			 						
					l l		l .	l .	

Date: 10.11.23 Due Date: 10.17.23 **Petty Cash Checking Reimbursement**

D-440

3873

Amount Ck No.

95.36

Due Date: 10.17.23 Invoice #: Reimburse

DatePurchased FromDescriptionCode10.05.23CostcoMSB Supplies12B116

Total Receipts/Reimbursement 95.36

Expense by code

12B116 95.36

TOTAL 95.36

Date: 10.11.23
Due Date: 10.17.23
Invoice #: Cash Box

Date	Purchased From	Reimbursed To	Description Co	Code	Amount
09.14.23	seven-eleven	Reese Berry	Ice for Samplers 13	B123	5.53
09.21.23	USPS		Postage 11	B119	5.65
09.30.23	DMV	Joe Magiera	CDL 12	B117	30
10.02.23	Walgreens	Alyssa Caballero	Pictures for Open House 12	B116	7.16
10.02.23	Target	Jessie Gwozdz	Tootsie Pops for Flu Shots 11	B113	10.32
10.05.23	Target	Michelle Jasso	Candy for Open House game 12	2B116	21.98
10.06.23	Shop & Save	Sue Testin	Fruit for Open House 12	B116	8.93
10.07.23	Jewel	Check Preen	Ice for Open House 12	B116	15.95
10.11.23	Los Arcos		Tip for Driver	B117	60
			Total Rec	ceipts	155.20

Expense by code

11B117	60.00
11B119	5.65
12B116	54.02
12B117	30.00
13B123	5.53

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Carly Shaw

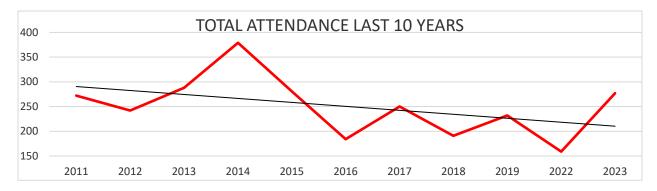
Administrative Supervisor

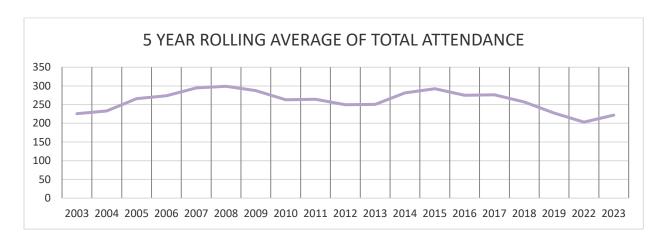
DATE: October 9, 2023

RE: Open House – October 7, 2023

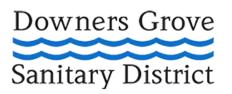
The Open House was held on October 7, 2023. We had 277 people in attendance. Fifteen tours were given to 211 people. Of the total 211 attendees that took a tour, 127 were with a scheduled group and 84 were from the general public. The makeup of the 211 attendees who took the tour is as follows: 112 adults, 99 scouts or children. The tours began at 9:00 a.m. and continued approximately every 15 minutes until 11:40 a.m. We will mail questionnaires to those individuals who brought a group to the Open House as well as to those individuals who signed the guestbook. We also plan to have this questionnaire available as a form fillable PDF if they prefer to respond that way.

For a historical perspective, below are two charts, one displaying total attendance (with trendline) over the last 10 years and another displaying five-year rolling averages of attendance from the last twenty years of District open houses:





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



Amy R. Underwood, P.E.

General Manager

Legal CounselDaniel 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: October 13, 2023

Subject: Electricity Supply Proposals

Our existing electric supply contract with MidAmerican Energy Services expires in November. The attached Request for Proposals was issued via e-mail on September 22 to all suppliers listed with current email contacts on the Illinois Commerce Commission's web site, which contains a complete listing of every Alternative Retail Electric Supplier (ARES) certified in Illinois. The RFP is for our lift station accounts and the main wastewater treatment center (WWTC) account which includes the majority of the WWTC, the Administration Center and unmetered lighting at the WWTC. The Big Top at the WWTC and the 5006 Walnut Ave building are not included in this RFP and will continue to receive electricity supply from ComEd.

Suppliers were asked to propose their cost for two supply components with all other components passed through at cost. The two components to be fixed by contract are the ancillary rate and the supplier adder. Other costs, including transmission; capacity; line losses and PJM day ahead LMP energy, are to be passed through at cost and are expected to be the same for each supplier.

In response to the RFP, we received four proposals from suppliers. Please note that all four bidders are certified ARES in Illinois and therefore qualified to provide this service. A summary of the bids received is provided in the following table. Two bids were received from Dynegy Energy Services, one direct and one through a broker. The direct bid from Dynegy Energy Services was the lowest bid.

	Ancillary Rate,	Adder,	Total,
Supplier	\$/kWh	\$/kWh	\$/kWh
Dynegy	0.00235	0.0011	0.00345
Dynegy (via Progressive)	0.00247	0.00375	0.00622
Energy Harbor			0.264
Engie	Incl'd in Adder	0.00361	0.00361

I recommend the electricity supply contract from November 2023 to November 2024 be awarded to Dynegy Energy Services, LLC. Please note that at the time this memo was written, I was working with Dan McCormick and Dynegy to finalize the agreement. Should the District not be able to successfully negotiate an agreement with Dynegy, I recommend that the District then start contract negotiations with the second lowest bidder, Engie Resources LLC.

At the October 18 Board Meeting, I will request the Board to approve following actions:

- 1. The District 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, the District 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.

C: BOLI, CS, DM

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

TO: Board of Trustees

FROM: Carly Shaw

Administrative Supervisor

DATE: October 9, 2023

RE: Administrative Services Progress Report – September 2023

<u>ADMINISTRATIVE</u>

Personnel

Brandon Morris accepted the offer for the Sewer System Engineering Technician and has completed all post offer requirements. He will start on October 9, 2023.

Open House

Staff spent a lot of time preparing for our Open House during the month of September and the first week of October. This took place on October 7 and a memo regarding attendance is included in the Board Packet. We had two additions to the displays this year, one being a game giving participants the opportunity to throw a ball labeled with different items either into a trash can or a toilet to see if they know what can and can't be flushed. Kids really enjoyed this game, and it was even suggested we expand on it and add a recycling option. We also had a new display that the District donated staffs time to build for CSWEA to have at the Water Palooza event held by WEF on Friday, September 29 and in return, the District was able to borrow this display for our Open House. This display shows the path of water once flushed or put down the drain, to the treatment plant. A display was also created for the recent construction projects of the District to show residents what the recent expenses were and what the rate increases do help pay for.

We are hosting a luncheon for employees on Thursday, October 12 to show our appreciation for their hard work with Open House.

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

One BURP claim was received in the month of September and that was due to cleaning being done in their area. This caused water to rise out of the toilet and onto the floor. There was no final dollar amount provided on the original claim for reimbursement only what they have incurred so far, so there is not an updated summary sheet for this yet. Because they feel there is further damage, an adjuster will visit and determine if there was any damage caused that should be included in the claim and provide a suggested amount.

Technology Update

The billing portal now has 3,659 total users registered with \$122,504.45 in payments made using the portal.

I am currently investigating accounting software solutions as this replacement is budgeted for the new fiscal year. We have had one demonstration with BS&A and have another demonstration with Tyler schedule for October 18. The staff is excited to see the capabilities available with an upgrade and has been valuable offering insight into the functionality needed for the District. I plan to reach out to one more company for a demonstration and quote so we can make a decision based on several programs and which one best fits our needs and budget. We plan to also upgrade the timekeeping software with this upgrade.

We continue to work through improving the billing portal with City Insight. We did have some additional expenses, one being the ability to export the payout information which itemizes the payments deposited into our bank account, making it easier for reconciliation purposes. We also added a function that will deduct any current day's payments from the customer balances that we upload to City Insight for posting each day. This update was made because of a timing issue of our daily totals uploads to City Insight overwriting the totals on the portal. Because these payments were not in our system, it would make those with 0 balances have a balance again until we received their payment file and updated our customer accounts. The total expense of these changes is \$1326 which is in this month's claim ordinance. We are also investigating how to add a PDF copy of customer bills on the portal. This is not a feature City Insight offers so we would need to find a solution that can do this for us and import them onto the portal. There is discussion of how to add the level of detail a customer sees on their bill to their portal page. This may eliminate the need for the extra cost of adding the PDF function.

FINANCIAL

Treasurer's Report and Investment Activity

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

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

USER BILLING SUMMARY

User Charge System

Billings for September 2023 were as follows:

User	\$380,433.86
Surcharge	28,504.60
Monthly fees	397,146.18
Total	\$806,084.64
Summer Usage Adjustment	\$47,154.54
Billable Flow	148,124,142
Budgeted Billable Flow	153,507,534
% Actual/Budgeted Billable Flow	96.49%
YTD Billable Flow	900,591,562
YTD Budgeted Billable Flow	894,771,806
% Actual/Budgeted Billable Flow	100.65%

The user accounts receivable balance on 9/30/2023 is \$875,659.70 and consists of:

Current charges due 10/16/2023	\$642,102.65
Past due charges and penalty	233,557.05
Total	\$875,659.70

The past due charges represent:

Age	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$107,402.43	\$12,146.96	\$119,549.39
60 days past due	40,243.63	5,735.81	45,979.44
90 days & greater past due	57,856.34	10,171.88	68,028.22
Totals	\$205,502.40	\$28,054.65	\$233,557.05

Summary of Past Due Charges (90 Days and Over)

Five Year Comparison

September

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2023	\$57,856.34	\$10,171.88	\$68,028.22
2022	41,581.27	8,469.98	50,051.25
2021	85,080.45	13,899.39	98,979.84 *
2020	91,467.51	10,158.49	101,626.00 *
2019	46,041.82	5,990.19	52,032.01 **

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

Twelve Months Ending September 2023

Month Ending	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
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
10/31/22	35,087.27	6,856.09	41,943.36

There were 32 accounts scheduled for Pre-Enforcement on September 15, 2023 of which 25 accounts have paid in full. There are 27 accounts scheduled for Pre-Enforcement for October 16, 2023, of which 7 have already paid in full. We are attempting to schedule water shut off and Show Cause when possible.

^{**}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 September 2023, WWTC Operations Report.

Date: October 10, 2023

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

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 8.57 MGD. Total precipitation at the WWTC was 3.95". There was 1 day of excess flow during the month of September. There were 4 days of discharge over 11 MGD.
- Activated sludge: Good operating performance was observed throughout the month of September. Floc formers are still predominating leading to good solids settling.
- Anaerobic Digesters: Pumped a total of 871,658 gallons of primary sludge, 0 gallons of TWAS, 627,590 gallons of Waste Activated Sludge, and 261,137 gallons of waste grease for a total of 1,760,385 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 55.9 % for September.
- Digester gas: Total digester gas production was 5,460,164 cubic feet. 35,360 cubic feet of gas was used for anaerobic digestion heat, and 5,238,562 cubic feet was used in the CHP facilities. 184,755 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 1,486 cubic feet of gas.
- Biosolids: Bio-solids drying and delivery season continues. In the month of September we delivered 116 Dry tons of Class A bio solid. Stewart Spreading was on-site September 13-15 and hauled a total of 426 dry tons of Class B bio Solid.
- Electricity: Overall net energy from ComEd was: -66,182 KW-Hrs. Electricity Generated by the CHP system was 415,759 KW-Hrs. Monthly net energy (including natural gas usage) was -63 MW-Hrs for the month of September.

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

Downers Grove Sanitary District September 2023

Monthly Operations Report Page 1

	WWTC Rainfall	B01 Parshall Flume Flow Max	B01 Parshall Flume Flow Min	B01 Parshall Flume Flow Avg (Daily Total)	A01 Parshall Flume Flow Max	A01 Parshall Flume Flow Avg (Daily Total)	C01 Int Clar #1 Flow Max	C01 Int Clar #1 Flow Avg (Daily Total)	Outfall 003 Flow Max	Outfall 003 Flow Avg (Daily Total)	Total Flow Leaving WWTC Avg (Daily Total)	Total Flow Leaving WWTC Max MGD	002 Outfall Flow Avg (Daily Total)
Date	inches	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD
9/1/2023	0.00	10.00	3.59	6.42	0.00	0.00	0.00	0.00	0.00	0.00	6.42	10.00	0.00
9/2/2023	0.00	9.14	3.44	6.14	0.00	0.00	0.00	0.00	0.00	0.00	6.14	9.14	0.00
9/3/2023	0.00	9.03	3.50	6.02	0.00	0.00	0.00	0.00	0.00	0.00	6.02	9.03	0.00
9/4/2023	0.00	9.63	3.67	6.40	0.00	0.00	0.00	0.00	0.00	0.00	6.40	9.63	0.00
9/5/2023	0.00	10.55	3.39	6.35	0.00	0.00	0.00	0.00	0.00	0.00	6.35	10.55	0.00
9/6/2023	0.38	17.05	3.77	8.71	0.00	0.00	0.00	0.00	0.00	0.00	8.71	17.05	0.00
9/7/2023	0.02	10.15	0.37	6.16	0.00	0.00	0.00	0.00	0.00	0.00	6.16	10.15	0.00
9/8/2023	0.00	10.25	3.87	6.53	0.00	0.00	0.00	0.00	0.00	0.00	6.53	10.25	0.00
9/9/2023	0.00	9.80	3.62	6.19	0.00	0.00	0.00	0.00	0.00	0.00	6.19	9.80	0.00
9/10/2023	0.00	9.83	3.40	6.24	0.00	0.00	0.00	0.00	0.00	0.00	6.24	9.83	0.00
9/11/2023	1.36	25.34	3.71	13.72	0.00	0.00	0.00	0.00	0.00	0.00	13.72	25.34	0.00
9/12/2023	0.01	19.42	9.96	12.70	0.00	0.00	0.00	0.00	0.00	0.00	12.70	19.42	0.00
9/13/2023	0.00	12.97	5.33	8.41	0.00	0.00	0.00	0.00	0.00	0.00	8.41	12.97	0.00
9/14/2023	0.00	10.90	4.68	7.36	0.00	0.00	0.00	0.00	0.00	0.00	7.36	10.90	0.00
9/15/2023	0.00	10.64	4.13	6.82	0.00	0.00	0.00	0.00	0.00	0.00	6.82	10.64	0.00
9/16/2023	0.01	9.58	4.03	6.55	0.00	0.00	0.00	0.00	0.00	0.00	6.55	9.58	0.00
9/17/2023	1.20	26.68	4.69	16.58	18.15	1.94	0.00	0.00	0.00	0.00	18.52	44.82	2.40
9/18/2023	0.00	17.30	10.29	13.01	0.00	0.00	0.00	0.00	0.00	0.00	13.01	17.30	0.00
9/19/2023	0.23	15.13	7.00	10.97	0.00	0.00	0.00	0.00	0.00	0.00	10.97	15.13	0.00
9/20/2023	0.00	16.76	7.39	9.80	0.00	0.00	0.00	0.00	0.00	0.00	9.80	16.76	0.00
9/21/2023	0.04	11.03	5.56	8.35	0.00	0.00	0.00	0.00	0.00	0.00	8.35	11.03	0.00
9/22/2023	0.17	15.78	6.33	9.41	0.00	0.00	0.00	0.00	0.00	0.00	9.41	15.78	0.00
9/23/2023	0.00	11.01	5.45	7.95	0.00	0.00	0.00	0.00	0.00	0.00	7.95	11.01	0.00
9/24/2023	0.00	10.60	4.56	7.41	0.00	0.00	0.00	0.00	0.00	0.00	7.41	10.60	0.00
9/25/2023	0.27	17.68	4.36	9.50	0.00	0.00	0.00	0.00	0.00	0.00	9.50	17.68	0.00
9/26/2023	0.20	16.81	5.93	10.62	0.00	0.00	0.00	0.00	0.00	0.00	10.62	16.81	0.00
9/27/2023	0.06	11.85	6.64	9.43	0.00	0.00	0.00	0.00	0.00	0.00	9.43	11.85	0.00
9/28/2023	0.00	11.72	5.97	8.57	0.00	0.00	0.00	0.00	0.00	0.00	8.57	11.72	0.00
9/29/2023	0.00	10.77	5.17	7.76	0.00	0.00	0.00	0.00	0.00	0.00	7.76	10.77	0.00
9/30/2023	0.00	10.27	4.39	7.14	0.00	0.00	0.00	0.00	0.00	0.00	7.14	10.27	0.00
Minimum	0.00	9.03	0.37	6.02	0.00	0.00	0.00	0.00	0.00	0.00	6.02	9.03	0.00
Maximum	1.36	26.68	10.29	16.58	18.15	1.94	0.00	0.00	0.00	0.00	18.52	44.82	2.40
Total	3.95	397.66	148.20	257.23	18.15	1.94	0.00	0.00	0.00	0.00	259.17	415.81	2.40
Average	0.13	13.26	4.94	8.57	0.61	0.06	0.00	0.00	0.00	0.00	8.64	13.86	0.08

Downers Grove Sanitary District September, 2023

Monthly Operations Report Page 2

	Tertiary Flow	MLSS Avg	Activated Sludge Inventory Lbs MLSS	Activated Sludge SRT Days	15 Minutes Aeration Settling %	30 Minutes Aeration Settling %	60 Minutes Aeration Settling %	Sludge Volume Index	System 1 RAS TSS	System 2 RAS TSS	Dupage River Outfall DO
Date	MGD		LBS	DAYS	mL/L	mL/L	mL/L	mL/g	mg/l	mg/l	mg/l
9/1/2023	6.42	2,669	82,789	19.52	21	17	16	66		4,361	
9/2/2023	6.14	2,009	82,789	18.59	21	17	10			4,301	
9/3/2023	6.02		82,789	18.89							
9/4/2023	6.40	0.547	82,789	18.69	24	10	40	74	4 207		7.0
9/5/2023	6.35	2,517	78,072	17.55	24	19	18	74	4,397	0.405	7.3
9/6/2023	8.71	2,667	82,739	12.95	23	19	18	70		6,165	7.4
9/7/2023	6.16	2,575	79,895	12.40	24	19	18	75	4,413		7.6
9/8/2023	6.53	2,378	73,777	16.74	26	21	18	87		4,258	
9/9/2023	6.19		73,777	16.71							
9/10/2023	6.24		73,777	16.72							
9/11/2023	13.72	2,532	78,557	13.41	25	20	19	80		5,729	7.7
9/12/2023	12.70	2,163	67,089	11.25	24	19	18	89	3,736		7.6
9/13/2023	8.41	2,571	79,771	12.64	26	21	19	83		6,132	7.8
9/14/2023	7.36	2,638	81,851	12.80	32	24	22	91	4,587		
9/15/2023	6.82	2,532	78,551	15.39						4,824	
9/16/2023	6.55		78,551	15.46							
9/17/2023	16.58		78,551	15.62							
9/18/2023	13.01	2,722	122,394	10.81	29	23	21	83		7,677	7.7
9/19/2023	10.97	2,840	88,110	11.05	32	25	23	87	4,991		7.7
9/20/2023	9.80	2,677	83,054	11.94	31	24	22	89		6,382	7.9
9/21/2023	8.35	2,732	84,760	12.22	36	27	23	99	5,656		
9/22/2023	9.41	2,783	86,338	12.70						6,264	
9/23/2023	7.95		86,338	12.60							
9/24/2023	7.41		86,338	12.66							
9/25/2023	9.50	2,894	89,778	17.21	32	25	22	86		4,635	7.9
9/26/2023	10.62	2,779	86,218	16.19	32	25	23	89	6,208		7.8
9/27/2023	9.43	3,154	97,861	12.24	33	24	22	76		6,685	7.7
9/28/2023	8.57	2,806	87,060	10.33	31	25	22	88	5,497		
9/29/2023	7.76	2,664	82,653	12.44	35	25	22	93	, -	5,223	
9/30/2023	7.14	,	82,653	12.42						,,===	
			,000								
Minimum	6.02	2 162	67,088.91	10.33	21.24	17.50	16.00	65.54	2 726	4,258	7.3
		2,163							3,736		
Maximum	16.58	3,154	122,394.49	19.52	36.24	26.99	22.51	98.76	6,208	7,677	7.9
Total	257.23	-	2,499,668.01		516.52	401.00	363.08	1,504.79	39,485	68,335	92.1
Average	8.57	2,665	83,322.30	14.34	28.67	22.33	20.33	83.61	4,936	5,695	7.7

Downers Grove Sanitary District September, 2023

Monthly Operations Report Page 3

	Tartians Influent DOD 5 Drivery Information Tartians Tartians DOD 5 Auction 4 1 1 1 1 1 1										
	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	
9/1/2023	6.42							55	87		
9/2/2023	6.14							60	91		
9/3/2023	6.02							68	94		
9/4/2023	6.40	214			1.5	80	98.6	72	95	69.6	
9/5/2023	6.35	202		1.6	2.1	111	98.5	75	92	69.3	
9/6/2023	8.71	230	125		1.6	116	98.8	70	82	69.1	
9/7/2023	6.16	210	157	1.8	2.0	103	98.6	66	73	69.6	
9/8/2023	6.53							58	70		
9/9/2023	6.19							54	80		
9/10/2023	6.24							51	85		
9/11/2023	13.72	215	153		1.4	160	98.8	62	70	69.4	
9/12/2023	12.70	210	120	1.3	1.2	127	98.8	54	77	69.1	
9/13/2023	8.41	262	130		0.7	49	99.0	51	74	68.7	
9/14/2023	7.36	273	141	1.0	0.8	49	99.4	49	78	68.9	
9/15/2023	6.82							50	82		
9/16/2023	6.55							56	73		
9/17/2023	16.58	177						54	72		
9/18/2023	13.01	198	92		0.6	65	99.1	51	79	67.8	
9/19/2023	10.97	204	118	1.2	0.6	55	98.6	55	67	67.9	
9/20/2023	9.80	260	143		0.4	33	99.1	63	83	68.4	
9/21/2023	8.35	277	160	0.9	0.6	42	99.4	64	80	68.3	
9/22/2023	9.41							65	78		
9/23/2023	7.95							62	84		
9/24/2023	7.41							57	80		
9/25/2023	9.50	285	142		1.5	119	99.2	63	78	68.4	
9/26/2023	10.62	245	150	1.4	2.0	177	98.9	64	78	68.2	
9/27/2023	9.43	255	135		1.7	134	99.1	62	73	68.2	
9/28/2023	8.57	295	150	0.8	1.7	122	99.2	58	73	68.4	
9/29/2023	7.76							54	81		
9/30/2023	7.14							58	86		
Minimum	6.02	177	92	0.8	0.40	33	98.5	49	67	67.8	
Maximum	16.58	295	160	1.8	2.10	177	99.4	75	95	69.6	
Total	257.23	4,012	1,916	10.0	20.40	1,542	1,583.0	1,099	2,396	1,099.3	
Average	8.57	236	137	1.3	1.28	96	98.9	59	80	68.7	

Downers Grove Sanitary District September, 2023

Monthly Operations Report Page 4

	Tertiary Flow	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent TSS	Tertiary Effluent TSS Load	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
9/1/2023	6.42	188			0.6	32	99.7	7.5	7.4	7.2	7.2
9/2/2023	6.14	176			1.0	51	99.4				
9/3/2023	6.02	196			0.8	40	99.6				
9/4/2023	6.40	268			1.1	59	99.6	7.5		7.3	
9/5/2023	6.35	224		4.5	1.2	64	99.5	7.5	7.2	7.1	7.3
9/6/2023	8.71	272	127		1.3	94	99.5	7.4	7.2	7.1	7.3
9/7/2023	6.16	192	110	6.9	1.2	62	99.4	7.4	7.3	7.0	7.2
9/8/2023	6.53	224			0.5	27	99.8	7.5	7.3	7.1	7.3
9/9/2023	6.19	160			0.7	36	99.6				
9/10/2023	6.24	184			0.9	47	99.5				
9/11/2023	13.72	232	164		1.3	149	99.4	7.4	7.4	7.2	7.2
9/12/2023	12.70	156	103	1.6	1.6	169	99.0	7.6	7.8	7.2	7.3
9/13/2023	8.41	200	100		0.3	21	99.9	7.6	7.4	7.1	7.3
9/14/2023	7.36	184	126	2.6	0.3	18	99.8	7.6	7.6	7.2	7.2
9/15/2023	6.82	192			0.5	28	99.7	7.5	7.3	7.2	7.2
9/16/2023	6.55	168			0.3	16	99.8				
9/17/2023	16.58	194			0.8	111	99.6				
9/18/2023	13.01	213	106		0.5	54	99.8	7.7	7.7	7.2	7.3
9/19/2023	10.97	160	94	3.6	0.5	46	99.7	7.6	7.4	7.3	7.3
9/20/2023	9.80	212	117		0.2	16	99.9	7.7	7.5	7.2	7.4
9/21/2023	8.35	216	100	3.2	0.2	14	99.9	7.6	7.4	7.2	7.2
9/22/2023	9.41	180			0.2	16	99.9	7.6	7.4	7.1	7.3
9/23/2023	7.95	156			0.1	7	99.9				
9/24/2023	7.41	176			0.4	25	99.8				
9/25/2023	9.50	273	124		0.3	24	99.9	7.4	7.4	7.5	7.3
9/26/2023	10.62	184	128	3.0	0.5	44	99.7	7.5	7.4	7.3	7.3
9/27/2023	9.43	176	100		0.4	31	99.8	7.6	7.4	7.4	7.3
9/28/2023	8.57	253	117	2.4	0.4	29	99.8	7.6	7.4	7.4	7.3
9/29/2023	7.76	204			0.6	39	99.7	7.5	7.3	7.4	7.4
9/30/2023	7.14	216			0.6	36	99.7				
Minimum	6.02	156	94	1.6	0.1	7	99.0	7.4	7.2	7.0	7.2
Maximum	16.58	273	164	6.9	1.6	169	99.9	7.7	7.8	7.5	7.4
Total	257.23	6,029	1,616	27.8	19.3	1,405	2,990.3	158.3	148.2	151.7	145.6
Average	8.57	201	115	3.5	0.6	47	99.7	7.5	7.4	7.2	7.3

Downers Grove Sanitary District September, 2023

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
9/1/2023	6.42					
9/2/2023	6.14					
9/3/2023	6.02	22.41	0.10	5.0		
9/4/2023	6.40	22.66	0.10	5.3		
9/5/2023	6.35	29.95	0.10	5.3	0.015	27
9/6/2023	8.71	22.89	0.10	7.3	0.015	58
9/7/2023	6.16	20.28	0.10	5.1		
9/8/2023	6.53					
9/9/2023	6.19					
9/10/2023	6.24	19.79	0.10	5.2		
9/11/2023	13.72	14.41	0.10	11.4		
9/12/2023	12.70	15.72	0.24	25.4	0.015	3
9/13/2023	8.41	24.02	0.10	7.0	0.015	8
9/14/2023	7.36	22.25	0.10	6.1		
9/15/2023	6.82					
9/16/2023	6.55					
9/17/2023	16.58	8.88	0.10	13.8		
9/18/2023	13.01	12.74	0.30	32.5		
9/19/2023	10.97	14.44	0.24	22.0	0.015	18
9/20/2023	9.80	20.79	0.10	8.2	0.015	6
9/21/2023	8.35	22.29	0.10	7.0		
9/22/2023	9.41					
9/23/2023	7.95					
9/24/2023	7.41	16.66	0.10	6.2		
9/25/2023	9.50	20.42	0.10	7.9		16
9/26/2023	10.62	16.29	0.10	8.9	0.015	25
9/27/2023	9.43	21.90	0.10	7.9	0.015	
9/28/2023	8.57	20.30	0.10	7.2		
9/29/2023	7.76					
9/30/2023	7.14					
Minimum	6.02	8.88	0.10	5.0	0.015	3.0
Maximum	16.58	29.95	0.30	32.5	0.015	58.0
Total	257.23	389.09	2.48	204.7	0.120	161.0
Average	8.57	19.45	0.12	10.2	0.015	14.2

SLUDGE DATA				
Primary Sludge TS	2.80	%	871,658	Gallons
WAS to Thickener TS	2.23	8 %	627,590	Gallons
TWAS to Digester 4 TS	3	%	0	Gallons
Hauled Grease to Digs TS	6.50	%	261,137	Gallons
Anaerobically Digested Sludge Pumpin	g			
to Drying Beds TS	3	%		Gallons
to BFP TS	2.69	%	1,134,876	Gallons
to Lagoons TS	3	%		Gallons
Total			1,134,876	
VS Destruction			55.9	%
<u>Biosolids Disposal</u>				
Class A Distribution	•			Dry Tons
Class B Hauling				Dry Tons
Total				Dry Tons
Class A Distribution				Dry Tons
Class B Hauling				Dry Tons
Total	YTD		1,073	Dry Tons
ENERGY DATA				
Total Digester Gas Pro	duction		5,460,164	SCF
Gas Volume per Volatile Soli	ds Load		18.1	Cu.Ft./Lb
<u> Digester Gas Utilization</u>				
Heat Exc	hangers	6	35,360	
Dehumid	lificatior	1	1,486	
	CHF		5,238,562	
	Total		5,275,408	
<u>Digester Gas Flared</u>			184,755	SCF
Natural Gas Consumed				
	WWTC		7,233	
	MSE		2,100	
	cal Feed		0	SCF
	i Walnu			SCF
Kilowatt-hours Generated CHP			415,759	
Net energy from Comed			-66,182	
Monthly net energy			-63	MWH
MISCELLANEOUS	. 0		00	0 1/1
Grit Remova				Cu. Yds
Grit Remova				Cu. Yds
Anaerobic Supernate			717,134	
Waste Activated Sludge				Gallons
City Water Consumed	ı		135,288	Galions

Downers Grove Sanitary District September, 2023

Monthly Operations Report Page 6

	Tertiary	Influent	Tertiary	Influent	Tertiary	Phosphorus	Influent	Tertiary	Influent	Tertiary	Nitrogen	Tertiary
	Flow	Phosphorus	Effluent Phosphorus	Phosphorus Load	Effluent Phosphorus Load	Removal %	Nitrogen	Effluent Nitrogen	Nitrogen Load	Effluent Nitrogen Load	Removal %	Effluent Nitrate Grab
Date	MGD	mg/l	mg/l	lbs/day	lbs/day	%	mg/l	mg/l	lbs/day	lbs/day	%	mg/l
9/1/2023	6.42											
9/2/2023	6.14											
9/3/2023	6.02											
9/4/2023	6.40											
9/5/2023	6.35											
9/6/2023	8.71											
9/7/2023	6.16	3.90	3.84	215.7	197.2	1.5						23.64
9/8/2023	6.53											
9/9/2023	6.19											
9/10/2023	6.24											
9/11/2023	13.72											
9/12/2023	12.70						30.0	19.8	3,074.6	2,097.1	31.8	
9/13/2023	8.41	4.94	2.28	352.4	159.9	53.8						
9/14/2023	7.36											24.52
9/15/2023	6.82											
9/16/2023	6.55											
9/17/2023	16.58											
9/18/2023	13.01	4.44	1.41	470.9	153.0	68.2						
9/19/2023	10.97											
9/20/2023	9.80											
9/21/2023	8.35											19.57
9/22/2023	9.41											
9/23/2023	7.95											
9/24/2023	7.41											
9/25/2023	9.50											
9/26/2023	10.62											
9/27/2023	9.43											
9/28/2023	8.57											21.70
9/29/2023	7.76											
9/30/2023	7.14											
Minimum	6.02	3.90	1.41	215.7	153.0	1.5	30.0	19.8	3,074.6	2,097.1	31.8	19.57
Maximum	16.58	4.94	3.84	470.9	197.2	68.2	30.0	19.8	3,074.6	2,097.1	31.8	24.52
Total	257.23	13.28	7.53	1,039.0	510.1	123.6	30.0	19.8	3,074.6	2,097.1	31.8	89.43
Average	8.57	4.43	2.51	346.3	170.0	41.2	30.0	19.8	3,074.6	2,097.1	31.8	22.36

Permit

Major:

Permit #: IL0028380

DOWNERS GROVE SANITARY DISTRICT Permittee:

Permittee Address: 2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

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

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 09/01/23 to 09/30/23 **Monitoring Period:**

Yes

DMR Due Date: 10/25/23 Status: **NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

Amy First Name:

Title: General Manager Telephone: 630-969-0664

Last Name: Underwood

No Data Indicator (NODI) Form NODI:

	Parameter	Monitoring Location	Season # Param	. NODI		Quantity	or Loading				Qı	uality or Concentra	ntion			# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Qualifier 1 Va	lue 1 Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
				Sample					=	7.6	= 7	7.4	=	6.4	19 - mg/L	0	3/DW - 3 Days Every Week	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	Permit Req						Req Mon MO AV MN	J F	Req Mon MN WK A	1	Req Mon DAILY MN	19 - mg/L	0 [L/DS - Daily When Discharging	GR - GRAB
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Value NOD	ı													
				Sample							= 3	3.0	=	3.9	19 - mg/L	0	4/07 - Four Per Week	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	Permit Req							<= 3	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0 [L/DS - Daily When Discharging	GR - GRAB
000.0	202, 0 may, 20 mag. 0			Value NOD	ı													
				Sample					=	7.0			=	7.5	12 - SU	0	5/DW - 5 Days Every Week	GR - GRAB
00400	nH	1 - Effluent Gross	0	Permit Req					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0 [L/DS - Daily When Discharging	GR - GRAB
00.00	P			Value NOD	ı													
				Sample							= (0.9	=	1.4	19 - mg/L	0	5/DW - 5 Days Every Week	CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0	Permit Req							<= 3	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0 [L/DS - Daily When Discharging	GR - GRAB
				Value NOD	ı													
				Sample								0.19	=	1.4	19 - mg/L	0	5/DW - 5 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	Permit Req							F	Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0 [L/DS - Daily When Discharging	GR - GRAB
				Value NOD	ı													
				Sample							= 2	2.51	=	3.84	19 - mg/L	0	4/30 - Four Per Month	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	Permit Req							F	Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0 [L/DS - Daily When Discharging	GR - GRAB
00000	r neopnerue, tetar (ae r 1	. Emdon cross		Value NOD	ı													
				Sample							= (0.02			19 - mg/L	0	2/DW - Twice Every Discharge Weel	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	Permit Req							<= (0.75 MO AVG			19 - mg/L	0 [L/DS - Daily When Discharging	GR - GRAB
	,			Value NOD	ı													
				Sample									=		13 - #/100ml		2/DW - Twice Every Discharge Weel	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	Permit Req									<=	400.0 DAILY MX	13 - #/100ml	0 [L/DS - Daily When Discharging	GR - GRAB
	, 3			Value NOD	ı													
				Sample		= 2	256.77	80 - Mgal/mo								9	9/99 - Continuous	
82220	Flow, total	1 - Effluent Gross	0	Permit Req		F	Req Mon MO TOTAL	80 - Mgal/mo								0 9	9/99 - Continuous	
	. ,			Value NOD	ı											1		

Submission Note

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

Edit Check Errors

No errors.

Comments

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

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2023-10-12 09:54 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time: 2023-10-12 10:03 (Time Zone: -05:00)

Permit

Major:

Permit #: IL0028380

Permittee: DOWNERS GROVE SANITARY DISTRICT

Permittee Address:

Title:

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

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 09/01/23 to 09/30/23

Yes

DMR Due Date: 10/25/23

Status: **NetDMR Validated**

Considerations for Form Completion

W0430300002; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:

Underwood

General Manager

Telephone: 630-969-0664

No Data Indicator (NODI)

Form NODI:

Last Name:

	Parameter	Monitoring Location	Season #	Param. NODI			Quantity	/ or Loading					Quality or Con-	centration			# of Ex	c. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1 Value 1			Units	Qualifier 1	Value 1	Qualifier 2		Qualifier 3	Value 3	Units		,,,	
					Sample									=	6.4	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Rec	1.									Req Mon DAILY MN	N 19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Value NOD	DI .													
					Sample							=	11.1	=	11.1	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Rec	1.						<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	, ,				Value NOD	DI .													
					Sample					=	7.1			=	7.1	12 - SU		DL/DS - Daily When Discharging	g GR - GRAB
00400	pH	1 - Effluent Gross	0		Permit Rec	1.				>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NOD	DI .													
					Sample							=	8.0	=	8.0	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Rec	1.						<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NOD	DI .													
					Sample									=	1.4	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Rec	1.									Req Mon DAILY MX	(19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NOD	DI .													
					Sample							=	2.5	=	2.5	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Rec	1.							Req Mon MO AV	'G	Req Mon DAILY MX	(19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	. ,				Value NOD	DI .													
					Sample							=	0.03			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0		Permit Rec	1.						<=	0.75 MO AVG			19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	,				Value NOD	DI .													
					Sample									=	50.0	13 - #/100ml	-	DL/DS - Daily When Discharging	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0		Permit Rec	1.								<=	400.0 DAILY MX	13 - #/100ml	- 0	DL/DS - Daily When Discharging	GR - GRAB
	, J				Value NOD	DI .													
					Sample		= :	2.4	80 - Mgal/m	0								DL/DS - Daily When Discharging	9
82220	Flow, total	1 - Effluent Gross	0		Permit Rec	1.		Req Mon MO TOTAL	. 80 - Mgal/m	О							0	DL/DS - Daily When Discharging	g
.	,				Value NOD	I													

Submission Note

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

Edit Check Errors

No errors.

Comments

1 day of discharge.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2023-10-12 09:55 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time: 2023-10-12 10:03 (Time Zone: -05:00)

Permit

Major:

IL0028380 Permit #:

Permittee: DOWNERS GROVE SANITARY DISTRICT

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

DOWNERS GROVE, IL 60515

Facility Location:

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

5003 WALNUT AVENUE

DOWNERS GROVE, IL 60515

Permitted Feature: 003

Discharge: 003-0 EXCESS FLOW TO ST JOSEPH CREEK

External Outfall

Report Dates & Status

DMR Due Date: Monitoring Period: From 09/01/23 to 09/30/23 10/25/23 Status: **NetDMR Validated**

Considerations for Form Completion

W0430300002; NUMBER OF DAYS OF DISCHARGE:CS

Yes

Principal Executive Officer

Telephone: First Name: Amy Title: General Manager 630-969-0664

Last Name: Underwood

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	Season :	# Param. NOD	l		Quantity o	or Loading				(Quality or Concentra	ation		# of Ex	c. 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 Permit Req									F	Reg Mon DAILY MN	19 - ma/l	DL/DS - Daily When Discharging	na GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Value NODI										C - No Discharge	g/_	2220 Dany Thion Dissilary.	g
					Sample													
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.							<=	30.0 MO AVG			19 - mg/L	DL/DS - Daily When Discharging	ng GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge			
					Sample Permit Req.					>=	6.0 MINIMUM			<= 9	.0 MAXIMUM	12 - SU	DL/DS - Daily When Discharging	ng GR - GRAB
00400	рн	1 - Effluent Gross	0		Value NODI						C - No Discharge				C - No Discharge		2220 Zany Tinon Zisonangii	
					Sample						-				-			
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req							<=	30.0 MO AVG		5.0 WKLY AVG	19 - mg/L	DL/DS - Daily When Discharging	ng GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge			
		. =			Sample Permit Req.									F	Reg Mon DAILY MX	19 - ma/l	DL/DS - Daily When Discharging	ng GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Value NODI										C - No Discharge	10 mg/L	DDDC Daily Whon Disonargii	ng Ort Ortite
					Sample										<u> </u>			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG	F	Req Mon DAILY MX	19 - mg/L	DL/DS - Daily When Discharging	ng GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge			
		. =			Sample Permit Req.							<=	0.75 MO AVG			19 - mg/L	DL/DS - Daily When Discharging	ng GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0		Value NODI								C - No Discharge			g/_	2220 Dany Thion Dissilary.	g 0 0
					Sample													
74055	Coliform, fecal general	1 - Effluent Gross	0		Permit Req.									<= 4	00.0 DAILY MX	13 - #/100mL	DL/DS - Daily When Discharging	ng GR - GRAB
					Value NODI										C - No Discharge			
					Sample Permit Req.		Re	eg Mon MO TOTAL	80 - Mgal/mg								DL/DS - Daily When Discharging	na
82220	Flow, total	1 - Effluent Gross	0		Value NODI			C - No Discharge	oo wga/mc	,							Date Daily Whom Dischargh	''9

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

reeseberry

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

Date/Time: 2023-10-12 09:56 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time: 2023-10-12 10:03 (Time Zone: -05:00)

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: 5003 WALNUT AVENUE

DOWNERS GROVE, IL 60515

Permitted Feature: A01 Discharge: A01-0

External Outfall EXCESS FLOW FROM EXCESS FLOW CLARIFIERS

Report Dates & Status

Monitoring Period: From 09/01/23 to 09/30/23 DMR Due Date: 10/25/23 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

Last Name: Underwood

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	Season #	# Param. NODI				Quantity of	r Loading				(Quality or Con	centration			# 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	3 Value 3	Units			
					Sample										=	22.1	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	, - a , , a. .				Value NODI															
					Sample										=	18.8	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
		. Imagin Grees			Value NODI															
					Sample										-	3.05	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
					Sample								= 2.3	34	-	2.34	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.								Re	q Mon MO AV	3	Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
					Sample			= 1.9	94	80 - Mgal/m	0								DL/DS - Daily When Discharging	CN - CONTI
2220	Flow, total	1 - Effluent Gross	0		Permit Req.			Re	q Mon MO TOTAL	80 - Mgal/mo	0							0	DL/DS - Daily When Discharging	CN - CONTI
		. Lindon Ciddo			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

1 day of discharge. 9/17/23, discharging for 6 hours. 1.20 inches of rain over 10 hours. B01 flow rate at A01 start time: 16,297 gpm.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2023-10-12 09:57 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2023-10-12 10:03 (Time Zone: -05:00)

Permit

Permit #: IL0028380 Permittee:

DOWNERS GROVE SANITARY DISTRICT

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

DOWNERS GROVE, IL 60515

Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Facility:

5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

Permitted Feature:

B01 External Outfall

Underwood

Discharge:

B01-0 MIXING CHAMBER DISCHARGE TO THE E BRANCH DUPAGE RVR

Report Dates & Status

Monitoring Period: From 09/01/23 to 09/30/23 **DMR Due Date:** 10/25/23

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

Last Name:

Monitoring Location Season # Param. NODI Quantity or Loading **Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Code Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Qualifier 3 Sample 15 - deg F 01/30 - Monthly GR - GRAB **Permit Rea** Req Mon MO MAX 15 - deg F 01/30 - Monthly GR - GRAB 00011 Temperature, water deg. fahrenheit 1 - Effluent Gross 0 Value NODI Sample 7.7 7.4 7.3 19 - mg/L 05/DW - 5 Days Every Week GR - GRAB >= 5.5 MO AV MN >= 4.0 MN WK AV 3.5 DAILY MN 19 - mg/L 02/DA - 2 Days Every Week GR - GRAB **Permit Rea** 00300 Oxygen, dissolved [DO] 1 - Effluent Gross 1 Value NOD Sample 7.0 7.5 12 - SU 05/DW - 5 Days Every Week GR - GRAB 12 - SU Permit Req. >= 6.0 MINIMUM 9.0 MAXIMUM 02/DA - 2 Days Every Week GR - GRAB 00400 **pH** 1 - Effluent Gross 0 Value NOD 19 - mg/L CP - COMPOS Sample 104.0 01/30 - Monthly Req Mon DAILY MX 19 - mg/L CP - COMPOS **Permit Req** 01/30 - Monthly 00410 Alkalinity, total [as CaCO3] 1 - Effluent Gross 0 Value NOD Sample 46.84 169.46 26 - lb/d 0.6 1.6 19 - mg/L 05/DW - 5 Days Every Week CP - COMPOS 2202.0 MO AVG Permit Req. <= <= 4404.0 DAILY MX 26 - lb/d 12.0 MO AVG 24.0 DAILY MX 19 - mg/L 02/DA - 2 Days Every Week CP - COMPOS 00530 Solids, total suspended 1 - Effluent Gross 0 Value NODI 19.8 19 - mg/L CP - COMPOS Sample 01/30 - Monthly Req Mon DAILY MX 19 - mg/L Permit Reg. 01/30 - Monthly CP - COMPOS 00600 Nitrogen, total [as N] 1 - Effluent Gross 0 Value NOD Sample 10.24 32.55 26 - lb/d 0.12 0.3 19 - mg/L 05/DW - 5 Days Every Week CP - COMPOS 02/DA - 2 Days Every Week CP - COMPOS Permit Req. <= 275.0 MO AVG 550.0 DAILY MX 26 - lb/d 1.5 MO AVG <= 3.0 DAILY MX 19 - mg/L 00610 Nitrogen, ammonia total [as N] 1 - Effluent Gross 8 Value NODI CP - COMPOS 1.0 19 - mg/L 01/30 - Monthly Sample Req Mon DAILY MX 19 - mg/L 01/30 - Monthly Permit Req. CP - COMPOS 00625 Nitrogen, Kjeldahl, total [as N] 1 - Effluent Gross 0 Value NOD CA - CALCTD Sample 19.8 19 - mg/L 01/30 - Monthly Permit Req Req Mon DAILY MX 19 - mg/L 01/30 - Monthly CA - CALCTD 00630 Nitrite + Nitrate total [as N] 1 - Effluent Gross 0 Value NODI 2.51 3.84 03/30 - Three Per Month CP - COMPOS Sample 19 - mg/L Req Mon DAILY MX 19 - mg/L Permit Req. Req Mon MO AVG 01/30 - Monthly CP - COMPOS 00665 Phosphorus, total [as P] 1 - Effluent Gross 0 Value NOD Sample 3.84 3.84 19 - mg/L 01/30 - Monthly CP - COMPOS Permit Req. Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/30 - Monthly CP - COMPOS 00666 Phosphorus, dissolved 1 - Effluent Gross 0 Value NOD 19 - mg/L 01/30 - Monthly GR - GRAB Sample 111.0 Req Mon DAILY MX 19 - mg/L Permit Req. 01/30 - Monthly GR - GRAB 00940 Chloride [as Cl] 1 - Effluent Gross 0 Value NOD Sample 0.0 23 - % 10.0 MAXIMUM 23 - % **Permit Req** 30500 Coliform, fecal - % samples exceeding limit 1 - Effluent Gross 0 Value NODI

			Sample	=	8.57	=	16.58	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						=	14.17	=	58.0	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
	3		Value NODI												
			Sample	=	96.35	=	177.16	26 - lb/d	=	1.3	=	2.1	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 - lb/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: 2023-10-12 10:02 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time: 2023-10-12 10:03 (Time Zone: -05:00)

Permit

Major:

IL0028380 Permit #:

Yes

Permittee: DOWNERS GROVE SANITARY DISTRICT

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

DOWNERS GROVE, IL 60515

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Facility Location: 5003 WALNUT AVENUE

DOWNERS GROVE, IL 60515

C01 **Permitted Feature:**

External Outfall

Discharge: C01-0

EXCESS FLOW FROM INTERMEDIATE CLARIFIER #1

Report Dates & Status

Monitoring Period: From 09/01/23 to 09/30/23 **DMR Due Date:** 10/25/23 Status: **NetDMR Validated**

Considerations for Form Completion

W0430300002; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name: Amy

Last Name: Underwood Title: General Manager Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	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: 2023-10-12 10:02 (Time Zone: -05:00)

Report Last Signed By

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

2023-10-12 10:03 (Time Zone: -05:00) Date/Time:

Permit

Permit #: IL0028380

Permittee:

DOWNERS GROVE SANITARY DISTRICT

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Major: Yes

Permittee Address:

DMR Due Date:

Title:

2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Facility Location:

5003 WALNUT AVENUE

Permitted Feature:

INF Influent Structure

Underwood

Discharge: INF-L

DOWNERS GROVE, IL 60515

Report Dates & Status

Monitoring Period: From 09/01/23 to 09/30/23

INFLUENT MONITORING

NetDMR Validated

Considerations for Form Completion

W0430300002

Last Name:

Principal Executive Officer

First Name: Amy

General Manager

10/25/23

Telephone:

Status:

630-969-0664

No Data Indicator (NODI)

Form NODI:

Form NODI:																		
Parameter	Monitoring Location	Season # Param. NOD	I		Qua	antity or Loa	ding					Quality or Conc	entration			# of Ex	c. Frequency of Analysis	Sample Type
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								=	236.0			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	Ο	09/99 - See Permit	CP - COMPOS
202, 0 day, 20 dog. 0	o ran conage iiiiaon		Value NODI													Ü		
			Sample								=	201.0			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
			Value NODI															
			Sample												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
			Value NODI															
			Sample										=	4.94	19 - mg/L		03/30 - Three 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
			Value NODI															
			Sample	= 8	3.36	=	16.4	03 - MGD									99/99 - Continuous	
50050 Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	Permit Req.	R	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
	3		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: 2023-10-12 10:03 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2023-10-12 10:03 (Time Zone: -05:00)

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Amy Underwood, General Manager

FROM: Nick Whitefleet, Maintenance Supervisor

DATE: October 9, 2023

SUBJECT: September 2023 Maintenance Report

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

Special projects in August included:

Excess Flow Clarifier 3

The cross-collector screw conveyor failed during normal operation and was found to have a broken section where it couples in the center. We received a quote for a replacement screw conveyor at the cost of \$7,875 with an 8-week lead time. Due to the cost as well as the lead time, maintenance staff brought the screw section into the shop and made the necessary repairs to get the conveyor back in operation. Not all invoices for materials have been received, but the cost for repairs is estimated to be under \$500. I intend to budget for a replacement screw conveyor set for next fiscal year as all the excess clarifier tank cross collectors have the same amount of time and operation as the screw that failed.

Hypochlorite Feed Building

The upper-level building heater has been unreliable over the last several years. A new unit was budgeted for and purchased from Munch's Supply at the cost of \$1,255. District personnel removed the existing building heater and installed the new heater. The new heater is functioning as expected. The total cost for the installation was \$1,400.

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

CHP 1: CHP 1 has been running at a reduced load (300kw) due to an unstable load condition experienced several times throughout the month while the engine was running at full load (375). After troubleshooting by District staff and Nissen personnel (remotely), it has been determined that a Nissen technician should be brought on site to investigate further due to their ability to connect diagnostic equipment to the engine that the District does not have access to. Preliminary suspicions are an issue with the engine's ignition system. Nissen has expressed that there is a possibility that they will not charge the District for this inspection.

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

2016 Toyota Forklift

Multiple District employees expressed that they found the manual fork spreader to be difficult to operate and felt like it was a potential "pinch point" at the fork lock mechanism. A hydraulic fork spreader was investigated and budgeted for. The fork spreader was installed on our plant forklift by Atlas Toyota at the cost of \$4,983 for parts and labor. The new fork spreader is operating as expected.

WWTC Fence line

Four portions of fence line in the plant required repair this month due to tree falls and possible vandalism. Multiple sections of chain link were replaced or retied, line posts replaced or straightened, several barb arms repaired or replaced, and 100' of barbed wire was replaced. The materials and labor were provided by Discount Fence at the total cost of \$4,835. The treatment plant fence line has been fully restored.

Procurements:

No major procurements were made this month.

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

Work Order Summary

Work Order Completion Dates from 9/1/2023 to 9/29/2023

Work Assignment	Completion Date	Equipment	NOTATIONS
Six Month Oil Change Change Sand Filter's #5 & #6	01-Sep-23	Filter 5	
		Filter 6	
Bridge cable reel Demag Motor failure.	02-Sep-23	3 -	Removed and replaced Demag Motor with rebuilt from stock. Sent failed motor out for repair.
		Excess Flow Clarifier 3	
		Excess Flow Clarifier 4	
Install 2 new batteries on CHP 1	05-Sep-23	CHP Engine Genset #1	Replace and exchange old batteries for new on CHP 1.
Enclosure lid latch broken. Remove and replace.		Earlston Stationary Generator	Removed and replaced lid latch assembly with new.
Run And Inspect Generators With The Load Of The Plant	06-Sep-23	B Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Expand WIFI signal in tunnels with additional routers	07-Sep-23	3 Tunnel - System 2 RAS	Added additional wireless routers to tunnels and upgraded exisiting Required upgraded switches to complete.
Expand WIFI signal in tunnels with additional routers.		Tunnel From PS to Grit	Added additional wireless routers to tunnels and upgraded existing. Required upgraded switches to complete.
		Tunnel/Chan Aeration Tank 1-11	Added additional wireless routers to tunnerls and upgrade existing. Required upgraded switches to complete.
		Tunnel/Chan Primary Clarifiers	Added additional wireless routers to tunnels and upgraded existing. Required upgraded switches to complete.
Monthly Fire Extinguishers Inspection	11-Sep-23	3 5006 Walnut Eqpmnt Strge Bldg	
Check Sump Pumps at The WWTC and Administration Bldg.		Administration Center	
Monthly Fire Extinguishers Inspection		Bar Screen Building	
		Belt Filter Press Building	
		Bisulfite Building	
Check Sump Pumps at The WWTC and Administration Bldg.		Blower Building	
Test for H2S at Unison Gas skid		CHP Gas Cleaning System	
Check Sump Pumps at The WWTC and Administration Bldg.		Digester 1 and 2 Control Bldg	
		Digester 3 Control Building	
		Digester 4 - 5 Control Buildg	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Monthly Fire Extinguishers Inspection		Emergency Generator Building	
Exercise of Excess Influent and Effluent Gates		Excess Flow Clarifier 1	
		Excess Flow Clarifier 2	
		Excess Flow Clarifier 3	
		Excess Flow Clarifier 4	

Thursday, October 12, 2023 Page 1 of 4

Work Assignment	Completion Date	Equipment	NOTATIONS
Check Sump Pumps at The WWTC and Administration Bldg.		Excess Flow Pump Station	
		Excess Flow Sludge Pump House	
Monthly Fire Extinguishers Inspection		Filter Building	
Check Sump Pumps at The WWTC and Administration Bldg.		Grit Building	
		Hypochlorite Feed Blg	
		Interm Clarifier Sludge	
Monthly Fire Extinguishers Inspection		Bldg Laboratory	
Check Sump Pumps at The		Maintenance Services	
WWTC and Administration Bldg.		Building	
		Microstrainer Building	
2000 Hour Grease of Plant		Operations Center Plant Effluent Water	
Effluent Pumps		Pump #2	
Check Sump Pumps at The WWTC and Administration Bldg.		Raw Sewage Pump Station	
Monthly Fire Extinguishers Inspection		System Garage	
Exercise both 24" primary influent ratio valves		Tunnel From PS to Grit	
Check Sump Pumps at The WWTC and Administration Bldg.		Tunnel/Chan Aeration Tank 1-11	
Exercise both 24" primary influent ratio valves		Tunnel/Chan Primary Clarifiers	
2 MONTH EXERCISE OF INTERMEDIATE VALVES	12-Sep-23	Excess Flow Pump Station	
Grease fittings on munters unit		Filter Building	
2 MONTH EXERCISE OF INTERMEDIATE VALVES		Intermediate Sludge Pump 1	
		Intermediate Sludge Pump 2	
3 Months Inspection on Electric Carts and Front End Loader	14-Sep-23	3 2015 Wheel Loader #332	
		2016 Club Car Carryall 300	
		2017 Deere 544K Wheel Loader	
		2019 Yamaha UMAX 2 AC (#3)	
		2022 Club Car Carryall 500	
		2022 Deere 244L Wheel Loader	
Test engine oil.	15-Sep-23	Emergency Generator 1	Altorfer took oil sample for analysis per service contract.
		Emergency Generator 2	
		Emergency Generator 3	
Primary 5-6 shear pin and hub maintenance		Primary Clarifier 6	Removed pin, verified operation. Lubricated hub and reinstalled pin.
Primary 7-9 shear pin and hub maintenance		Primary Clarifier 7	Verified operation of shear pin hub. All three hubs were seized and required cleaning and lubrication.
Thursday, October 12, 2023			Page 2 of 4

Thursday, October 12, 2023 Page 2 of 4

Work Assignment	Completion Date	Equipment	NOTATIONS
		Primary Clarifier 8	
		Primary Clarifier 9	
Repair fence line from tree damage and or vandalism.		WWTC Fence Line	Sections on the North, West and South side of the WWTC fence line repaired by Discount Fence. Tree line cleared by DGSD staff.
3 Month check and repair of Belt Press Ventilation Fans	18-Sep-23	Belt Filter Press Building	Verified operation of all ventillation fans.
Check, Clean and Grease HVAC Fans/Blowers		Digester 4 - 5 Control Buildg	
		Grit Building	
Replace leaking hydraulic lines on press.	19-Sep-23	Belt Filter Press	Replaced two leaking hydraulic lines with new on the west side of unit.
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	
By-Weekly Fluid and Misc. Check of Generators		Exchanger Emergency Generator 1	
or denorators		Emergency Generator 2	
		Emergency Generator 3	
EXERCISE RAW SEWAGE PUMP INTAKE AND DISCHARGE		Raw Sewage Pump 1	
		Raw Sewage Pump 2	
		Raw Sewage Pump 3	
		Raw Sewage Pump 4	
		Raw Sewage Pump 5	
Replace failed proximity switch on press.	20-Sep-23	Belt Filter Press	Replaced proximity switch with new from stock. Ordered replacement for stock.
Overhaul motor due to excessive vibration.		Raw Sewage Pump 5	
Engine hours 17,987. Oil and filter change	21-Sep-23	3 CHP Engine Genset #1	
Emergency exit and flood light testing, repairing and replacing.		Maintenance Services Building	
2 MONTH EXERCISE OF W.A.S. MOYNO PUMPS 1 AND 3	25-Sep-23	3 Conc Tank Moyno Sludge Pump 1	
		Conc Tank Moyno Sludge Pump 3	
Lubricate skid steer and attachment mechanisim		3 2019 Skid Steer	(19.417 kassas) Parala - 1/9) 1/2 1/2 1/2 1/2
Replace old ignition wires with new	27-Sep-23	3 CHP Engine Genset #1	(18,417 hours) Replaced (8) ignition wires with new.
Replace unit heater in upper level.		Hypochlorite Feed Blg	Removed old unit heater and installed new.
Annual Sprinkler System Test & Inspection		Maintenance Services Building	Chicago Metro Fire Prevention performed Annual Sprinkle System test in MSB basement.

Thursday, October 12, 2023 Page 3 of 4

Work Assignment	Completion Date	Equipment	NOTATIONS
Parking lot lights out - electrical short	28-Sep-23	Administration Center	Replaced damaged UF romex between west lights along building with 1" conduit with new wire.
Procure consumable parts for sludge recirculation pumps.		Digester 4 - 5 Sl Recrc Pmp 4	Ordered required parts for stock.
		Digester 4 - 5 Sl Recrc Pmp 5	
		Digester 4 - 5 Sl Recrc Pmp 6	
Replace Air Filters On Both Fume Hood Air Make Up Systems		Laboratory	Checked filters, no need for replacement at the time.
Replace pump shoes and element (hose) with new.	29-Sep-23	Hypochlorite Feed Pump 1	Replaced hose element and shoes with new from stock. Ordered element for stock.
Lab fridge stopped working - replaced with new.		Laboratory	Rotated fridges based on importance. Installed new fridge in lab - Northwest room.

Thursday, October 12, 2023 Page 4 of 4

DOWNERS GROVE SANITARY DISTRICT M E M O

DATE: October 10, 2023

Amy Underwood General Manager TO:

FROM: Todd Freer

Sewer System Maintenance Supervisor

Monthly Report – September 2023 RE:

1.			
	JULIE Line Markings:	Current	Year to Date
	Received	1338	11,301
	In District	1319	10,852
	Marked	396	2566
	Man Hours	95.5	815.5
2.			
	Building Service:	Current	Year to Date
	BSSRAP TV Inspections	29	189
	Emergency BSSRAP Repairs	14	104
	Total BSSRAP Repairs	18	147
	I&I Inspections	0	27
	I&I C.O. Inspections	0	2
	Replace Broken Cleanout Caps	0	1
	OHSP TV Inspections	0	0
	Post Rodding TV	9	53
3.			
3.	Sewer Back-Ups:	Current	Year to Date
3.	Sewer Back-Ups: Public Sewer	Current	Year to Date 5
3.	<u>-</u>		
3.	Public Sewer	1	5
3.	Public Sewer Private Sewer	1 24	5 196
3.	Public Sewer Private Sewer Surcharged Main	1 24 0	5 196 0
 4. 	Public Sewer Private Sewer Surcharged Main Pump Station	1 24 0 0	5 196 0 0
	Public Sewer Private Sewer Surcharged Main Pump Station Total	1 24 0 0 25 Current	5 196 0 0 191 Year to Date
	Public Sewer Private Sewer Surcharged Main Pump Station	1 24 0 0 25	5 196 0 0 191
4.	Public Sewer Private Sewer Surcharged Main Pump Station Total	1 24 0 0 25 Current	5 196 0 0 191 Year to Date
	Public Sewer Private Sewer Surcharged Main Pump Station Total Sewer Cleaning (DGSD Personnel): a. Sewer Cleaning (Outside Contractors)	1 24 0 0 25 Current 23,999 0	5 196 0 0 191 Year to Date 260,294 Ft. 354 Ft.
4.	Public Sewer Private Sewer Surcharged Main Pump Station Total Sewer Cleaning (DGSD Personnel): a. Sewer Cleaning (Outside Contractors) Main Sewer Televising (DGSD personnel)	1 24 0 0 25 Current 23,999	5 196 0 0 191 Year to Date 260,294 Ft.
4.	Public Sewer Private Sewer Surcharged Main Pump Station Total Sewer Cleaning (DGSD Personnel): a. Sewer Cleaning (Outside Contractors)	1 24 0 0 25 Current 23,999 0	5 196 0 0 191 Year to Date 260,294 Ft. 354 Ft.

6.

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

- 8. Visu-Sewer is scheduled to complete the lining of the service at 2223 Ogden Avenue and installation of the end-seals in the manholes at 1A-077 and 1A-076 on 10/20/2023.
- 9. Miscellaneous: (Sewer System Personnel)

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

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

DOWNERS GROVE SANITARY DISTRICT M E M O

DATE: October 9, 2023

Amy R. Underwood TO:

General Manager

FROM: Keith Shaffner

Sewer Construction Supervisor

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

1.	Permits issued:	Current	Year to Date
	a. Single family	1	36
	b. Multiple family	0	0
	c. Commercial	0	9
	d. Repair	3	9
	e. Disconnection	<u>3</u>	<u>14</u>
	Total	7	68
2.	Inspections made:	Current	Year to Date
	a. Connections	3	68
	b. Finals	6	34
	a Panaira	2	O

ь.	Finals	6	34
c.	Repairs	2	8
d.	Disconnects	0	22
e.	Groundwork	0	0
f.	Walk-Thru	0	0
g.	Pre-connections	0	4
h.	Overhead Sewer Program	0	0
i.	Code Enforcement	1	67
j.	Lateral testing	<u>3</u>	<u>39</u>
	Total	15	182

3. New Sewer Extension Construction:

Norfolk Sanitary Sewer Main Extension

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

None

5. Code Enforcement:

None

6. Plan & Permit Reviews:

- 133 4th Single Family Home Review 405 36th Single Family Home Review a.
- b.
- 4508 Stonewall Single Family Home Review c.
- 4920 Stonewall Single Family Home Review
- Building Sanitary Service Access Agreements: 7.
 - 113 4th Downers Grove
- 8. Illinois EPA Permits:

None

Miscellaneous: 9.

None

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

Permits Issued: SEPTEMBER 2023

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2023	62	5507	HILLCREST	DG	9/13/2023	REPAIR		
2023	64	3551	HIGHLAND	DG	9/14/2023	REPAIR		
2023	66	113	4TH	DG	9/22/2023	DISCON		
2023	63	113	4TH	DG	9/27/2023	SF-RB		\$260.00
2023	69	5310	CARPENTER	DG	9/28/2023	DISCON		
2023	70	3834	GLENDENNING	DG	9/28/2023	DISCON		
2023	71	5401	WASHIGNTON	DG	9/28/2023	REPAIR		
					TOTAL:			\$260.00

Permit Final Inspections: SEPTEMBER 2023

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2022	91	4720	HIGHLAND	DG	9/8/2023
2021	106	4529	ROSLYN	DG	9/12/2023
2021	120	4829	LEE	DG	9/28/2023

Progress Report

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

Date: October 12, 2023

Re: September 2023 Laboratory Report

DGSD had 1 excess flow sampling event during September 2023. We had no permit excursions in September.

Pretreatment:

Regal Rexnord's permit renewal application was received during July. We are currently evaluating the permit application and finalizing Regal Rexnord's permit. The permit will be issued to them in October.

We are also evaluating results from the IWS (Industrial Waste Survey) to identify any potential industrial users who may require a permit under our pretreatment ordinance.

We will be sampling at our current permitted industrial users during the month of October.

Surcharge:

Due to WEFTEC, Open House prep and employee absences we were unable to complete any Surcharge sampling during the month of September. We are currently working to schedule 2 weeks of sampling in October. We have completed 4 weeks of sampling, but still have our goal of 8 weeks to complete this year.

Biosolids:

All biosolids data from September has been received. All data from sampling is well below concentration limits for our Class A Biosolids product.

DMRQA:

DGSD participates in a national analytical study for our daily testing requirements. We completed this study in August. All our testing parameters passed the standards for the program. We participate in this study every year to ensure the SOPs and analytical data we compile is accurate.

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

To: Board of Trustees From: Amy Underwood

Re: Engineering Report for the Month September 2023

Date: October 13, 2023

I. Planning Projects & Studies

A. Biosolids Processing Improvements

A kickoff meeting was held with Baxter & Woodman (B&W) on October 10. In addition to evaluating potential improvements to digester heating and dewatering, staff 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.

II. Design Projects

A. Curtiss Street Sewer Lining

The preconstruction meeting was held on October 5. Work is expected to start in December.

B. Venard Forcemain Replacement

Soil borings will be taken in mid-October.

C. 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. A meeting was held on October 10 to discuss the steps for putting the new lift station in service and decommissioning the old station. Berger is hopeful that ComEd will schedule their work soon.

B. Outfall 001 Sanitary Sewer Repair

Archon, B&W and BNSF met at the project site on October 10. BNSF determined that a flagger will not be required during the work. The work is still expected to happen in early November.

C. 2023 Painting Services

The work is complete at Wroble Lift Station. The exterior work is complete at College Lift Station. The contractor will come back to complete the interior work.

D. SCADA Platform Replacement (Ignition)

Concentric is working on the SCADA platform replacement. They have created the lift station screens.

E. Basin 2D Sewer Lining

The lateral work still needs to be completed.

C: BOLI, CS, DM

Downers Grove Sanitary District



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

Project Status Report Issued On: 10/13/2023

Project Title/Job	Project Manager	Tasks Completed This Period	Milestones Next Period/ Due Date	Non-Scope Work	Action Items	Estimated Completion
Flow Monitoring Job Number: [0050739.90]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.co m	Assist District with weekly upload reviews. Review 2019-2022 data.	Assist District with weekly upload reviews. Review 2019-2022 data. Analyze 2023 data.		None	12/30/2019
Sewer Modeling (Hobson PS, downtown Downers Grove and Westmont) Job Number: [0071129.30]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.co m	None.	Analyze data.		Collect flow monitoring data.	7/1/2008
Nutrient Study RAS Denit Job Number: [0120501.33]	Derek Wold 815-444-3335 dwold@baxterwoodman.com	Provided data list for model update	None.		Collect data to recalibrate the model.	12/31/2024
Outfall Sewer Sag CS Job Number: [0180237.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	General Construction Administration, Weekly Progress Meetings with Contractor, Confirmed No Flaggers needed for BNSF Permit.	General Construction Administration as needed until pipe is on-site week of November 7th.			12/31/2023
Centex PS Replacement - CS Job Number: [0181059.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	General Construction Administration and Construction Field Observation. Agreed to electrical changes with contractor. Coordinated upcoming startup operations and restoration.	Ongoing GCA and Construction Field Observation Tasks. Coordinate startup date and begin demolition of old station and restoration of site.			11/24/2023
Curtiss Street CIPP Lining Job Number: [0211126.40]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	Held Preconstruction Meeting, Coordinated Agreements and Bonds, began General Construction Administration.	Finalize Agreements and Bonds, Perform General Construction Administration as-needed.			6/30/2023
Centex Pump Station Replacement Integration Job Number: [0211367.50]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	Meeting with GC and Construction Group to plan for Start up in October 2023	Holding off any more work on this Project Still Start up			9/29/2023

Page: 1 of 5 (Run Date: 10/13/2023 7:42:25 AM)

Project Number Sort

Project Title/Job	Project Manager	Tasks Completed This Period	Milestones Next Period/ Due Date	Non-Scope Work	Action Items	Estimated Completion
Scada Software Platform Repla Ph 1 Job Number: [0211937.00]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	Below is a list of Tasks we are working as part of the Scada Phase 1 Project, we have been preparing the Style Guide to present at next weeks meeting on Graphics and in addition to give you more of a feel for the direction we would like the graphics to go we have create a Lift station Overview screen and example Lift station control screen to present next week. In addition Gabe and I have been reviewing both other concentric projects and example projects from Ignition to find designs we think will both fit in with our standard graphics and enhance it. Some of this work has been completed as development work outside the project. Tasks to be worked on over the next few weeks. Continued on adding tags to SCADA Reconfigured the LS overview page and Hobson for dynamic viewing (webpage, iPad, phone) Worked on templates/global objects Created LS setpoints pages for dynamic viewing (webpage, iPad, phone) Added Wroble page to test using one popup for all LS Tested and verified redundant failover Updated server Review the data entry information for reports reviewing the Information Reese sent, with the understanding some of the data will not be required.	Upcoming Tasks. Continued on adding tags to SCADA Review Graphics in Graphics Workshop were we will finalize the style guide. Plan next task and focus after this meeting.			4/30/2024
SCADA Software Platform Replacement Phase 2 Job Number: [0211937.01]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	No Work will be completed on this phase till Summer 2024	No Work will be completed on this phase till Summer 2024 Refer to Phase 1			4/30/2025
2022-2023 Time & Materials Support Services Job Number: [0220243.01]	Mark Simpson 815-444-4423 msimpson@goconcentric.com	General support work for IT and Automation				4/30/2023
WWTC & LS Code Review Job Number: [0220537.30]	Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com	None.	None.		Amy's final report review comments.	8/31/2022
2022 Admin & Plant Network	Doug Strempek	10/12/2023 D.Strempek - Work has been				12/31/2022

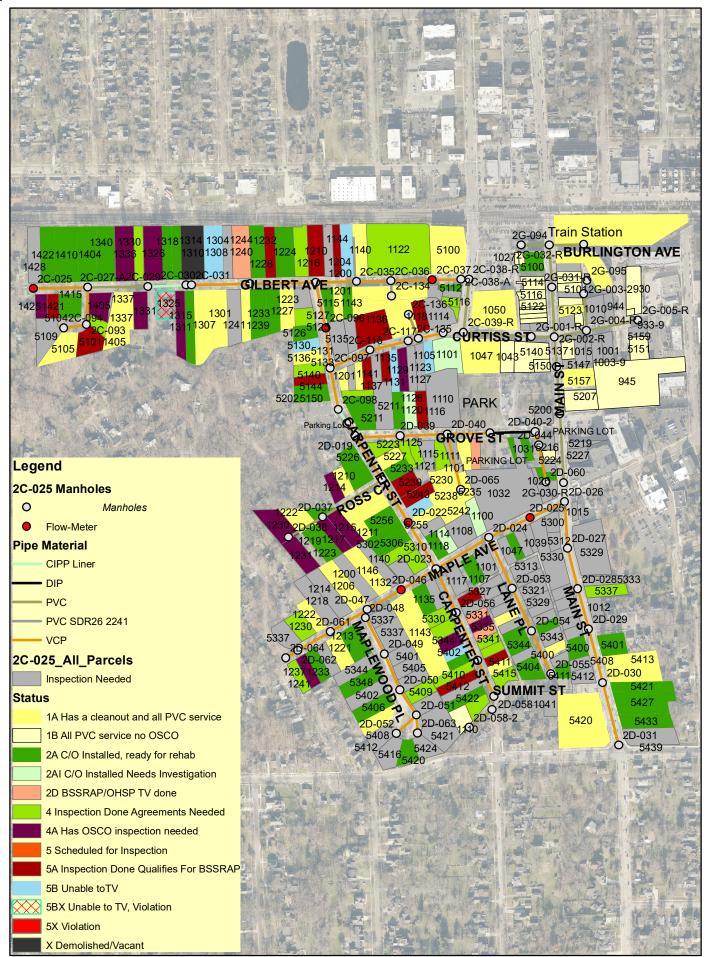
Refresh Job Number: [0221183.51] 815-444-3315 dstrempek@goconcentric.o	completed, the Wi-Fi network is functioning. Ellen completed/updated the network diagrams.
	09/01/2023 D.Strempek - Switches have been installed, Terry is coming onsite this week to finish the installation process and mount the devices in the cabinets. We still have some reaming work. I will follow up with Terry for scheduling.
	08/21/2023 D.Strempek - Switches have been installed, Terry is coming onsite this week to finish the installation process and mount the devices in the cabinets.
	07/31/2023 D. Strempek - Per ticket notes, The switches & WiFi APs have been installed and set up (with the exception of one AP see below) The following loose ends will be addressed:
	Mount switches in panels & tidy up the cabling Install Ethernet SFP for System Garage switch & remove HP switch Request replacement for broken Ops Basement Wifi antenna Remove old HP WiFi AP Controller (once
	Ops Basement AP is installed) Allow VPN access from DGSD Mobile WiFi network Resolve possible credit for extra switch Provide switch VLAN directory & network diagram
	Ticket#367141/DGSD1/DGSD1 - Admin & Plant Network Refresh has been updated.eml Ticket#367141/DGSD1/DGSD1 - Admin & Plant Network Refresh has been updated.eml updated.eml
	Ticket#367141/DGSD1/DGSD1 - Admin & Plant Network Refresh has been updated.eml Ticket#367141/DGSD1/DGSD1 - Admin & Plant Network Refresh has been updated.eml 06/15/2023 D. Strempek - Switches have

		been deployed in the Admin, Lab, and Operations Building. We need to deploy the switch in the maintenance garage but are waiting for the rest of the environment to become stable. 04/27/2023 D.Strempek - We are currently waiting on the 8 port switches to complete the project. We cannot guarantee delivery but are being told by the manufacturer an end of April ship date.			
Remote Site Cellular Connectivity Job Number: [0221183.52]	Doug Strempek 815-444-3315 dstrempek@goconcentric.com	10/12/2023 D.Strempek - Network cables for the two remaining sites have been delivered. Rolfe will be installing and we finish configuring the devices.			12/31/2022
		09/01/2023 D.Strempek - All the above ground devices have been installed. Working with Rolfe and Mark Simpson to get the remaining 2 devices installed. Emailed with Nick about the length of antenna cable needed, working with vendor to see best option for longer cables. 07/31/2023 D.Strempek - Contacted Nick at DGSD1 to see if we can schedule deployment of the devices for the 16th and 17th of August. 06/15/2023 D.Strempek - We are waiting for one more cellular router to be received. All devices have been configured in the portal. The next step will be to configure the actual device and schedule an onsite. 04/27/2023 D.Strempek - The devices have been received. We will be working with Verizon to get them activated and			
2023 Miscellaneous Engineering Services Job Number: [0230066.00]	Derek Wold 815-444-3335 dwold@baxterwoodman.com	start the configuration. Earlston pump station meeting, mercury remediation assist, .	Assistance as requested.	None.	12/31/2023
Basin 2D CIPP Job Number: [0230401.40]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.co m	Attend Progress Meeting. Perform General Contract Administration. Substantial completion achieved.	General Construction Administration. Final project completion and close- out.	None.	10/31/2023
Venard FM Replacement Job Number: [0230402.40]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.co m	Coordinate with the District and SMC on geotech proposal. Prepare Plans.	SMC to perform soil borings on Monday, October 16, 2023. Prepare Project Manual. Prepare Plans. Prepare IEPA Permit Application. Prepare Cost Estimate. Perform QAQC Reviews.	None.	8/30/2023

Project Title/Job	Project Manager	Tasks Completed This Period	Milestones Next Period/ Due Date	Non-Scope Work	Action Items	Estimated Completion
2023-2024 Managed Support Agreement Job Number: [0230596.00]	Doug Strempek 815-444-3315 dstrempek@goconcentric.com	10/12/2023 D. Strempek - All renewals have been purchased, proactive maintenance has been being performed. 09/01/2023 D.Strempek - Worked on preparing the agreement in Vantage Point and ordering renewals on support agreement.				4/30/2024
Storage Tank Removal and Replacement Job Number: [2325345.00]	Brian Bromley 815-444-3209 bbromley@baxterwoodman.co m	NONE.	NONE.		PENDING CLIENT REVIEW.	9/29/2023
DGSD PCI Assistance Job Number: [2325513.00]	Nichie Schaeffer 815-444-3372 nschaeffer@baxterwoodman.c om	Reviewed to USEPA PCI findings. Met with client to discuss response and assisted with response to USEPA. Master IU Permit draft delivered to client. Scheduled and attended site inspection at Rexnord for process and wastestream idendification for permit renewal Progress on draft Rexnord permit update.	Transmit draft Rexnord permit to District by 10/18/23; Finish Rexnord permit update (Due by 10/20/23). Screen IU surveys and advise District on next steps. Discuss with District on additional needs for Rexnord and next task for Bales classification and permit update.	None.	District to review Rexnord draft permit when received the week of October 16, 2023.	6/12/2024
DGSD1, IL - Backup Solution lob Number: [2325776.00]	Doug Strempek 815-444-3315 dstrempek@goconcentric.com	10/12/2023 D.Strempek - Wasabi has been installed as a test for offsite backups. A quote will be prepared for labor hours and materials.				9/30/2023
CGD System Design lob Number: [2325851.00]	Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com	Beginning preliminary layouts & manufacturer research.	Info gather & Preliminary Layouts.		Fire Alarm Information.	11/15/2023
Butterfield Pump Station Replacement lob Number: [2325852.00]	Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com	Organizing existing data.	Preliminary Layouts & evaluation.			12/15/2023



2C-025 I&I Investigation Status



STATUS OF PARCELS 2C-025 I&I INVESTIGATION

Category	Inspections Scheduled	Inspections Completed	Application Received	Agreements Signed	Cleanout	Service Rehab Done	Totals	Total as Percentage
1A	Υ	Y	N	Υ	Y	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	26	8%
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	16	5%
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	102	33%
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

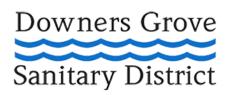
DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE DATE 9/30/2023

DAI	E 9/30/2023						PREVIOUS MONTH				
CAS	H BALANCES				=	TOTAL BALANCE	PREVIOUS MONTH				
0,10				BALANCE PER		PER BANK	MONTHLY	EARNINGS CREDIT			
ACCC	DUNT NAME	ACCOUNT NUMBE	R E	BANK STATEMENT		STATEMENTS	EARNINGS CREDIT	PERCENTAGE			
DISE FLE: PAY PET	POSIT BURSEMENT XIBLE BENEFITS PROLL TY CASH ER REFUNDS	XXXXXXXXX1116 XXXXXXXXX1111 XXXXXXXXX6025 XXXXXXXXX1117 XXXXXXXXXX1112 XXXXXXXXXX		\$1,296,353.38 417,590.47 16,586.41 243,389.63 5,800.00 6,610.88							
TOTA	AL - CASH AT BANK			\$1,986,330.77		\$1,900,713.58	\$2,586.30	0.1361%			
	ESTMENTS FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	ANNUAL INT. RATE	GENERAL CORPORATE FUND (01)	IMPROVEMENT FUND (02)	CONSTRUCTION FUND (03)	PUBLIC BENEFIT FUND (05)	SEWER EXTENSION FUND (71)	INTEREST EARNED AT MATURITY
CD	EVERGREEN BANK GROUP	ONGOING	2/24/2024	\$252.911.23	4.700%	\$252,911.23					\$11,886.83
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
TOTA	AL CDs			\$1,001,911.23	5.106%	\$751,911.23	\$0.00	\$250,000.00	\$0.00	\$0.00	\$51,159.23
TYPE	E FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT*	CURRENT RATE OF RETURN						ESTIMATED ANNUAL RETURN
MM	BANKFINANCIAL	ONGOING	6/21/2023	\$252,992.49	5.250%	\$252,992.49					\$13,282.11
MM	LISLE SAVINGS BANK	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
TOTA	AL MM ACCOUNTS			\$259,535.39	5.122%	\$254,375.19	\$0.00	\$5,160.20	\$0.00	\$0.00	\$13,293.67
ILLIN	OIS FUNDS - MONEY MARKET			\$7,561,872.93	5.512%	\$5,595,897.56	\$887,409.36	\$1,078,566.01	\$0.00	\$0.00	\$416,810.44
TOTA	AL - ALL INVESTMENTS			\$8,823,319.55	5.454%	\$6,602,183.98	\$887,409.36	\$1,333,726.21	\$0.00	\$0.00	\$481,263.33

TOTAL CASH AND INVESTMENTS \$10,809,650.32

^{*}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 CounselDaniel 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: October 13, 2023

Subject: Treasurer's Report for September 2023

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

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

Year-to-date	Income	Expenses			
General Fund	\$ 5,239,798.22 (page 1)	\$ 4,746,994.19 (page 6)			
Improvement Fund	\$ 431,680.61 (page 7)	\$ 626,729.36 (page 7)			
Construction Fund	\$ 77,983.21 (page 8)	\$ 0.00 (page 9)			
Public Benefit Fund	\$ 0.00 (page 10)	\$ 0.00 (page 10)			
TOTAL	\$ 5,749,462.04	\$ 5,373,723.55			

C: BOLI, DM, CS

Downers Grove Sanitary District Date: 10/11/2023

Treasurer's Report Recap for Month Ending 09/30/23

Page: 1

Fund	nun	ıbe	er & Description	Ending							
				Fund	Balance						
Fund	01	:	GENERAL FUND	\$7,593	3,597.98						
Fund	02	:	IMPROVEMENT FUND	\$1,209	712.23						
Fund	03	:	CONSTRUCTION FUND	\$1,870	,216.36						
Fund	05	:	PUBLIC BENEFIT FUND	\$37	7,817.83						
Recar	Т	ota	\$10,71	1,344.40							

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 1 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	ક	BUDGET
DIRECT OF DEPENDING	=========	========	========	========		======	
DEPT 05 REVENUES							
3000 PROPERTY TAXES	548,391.90-	601,907-	1,394,423.08-	1,358,220-	36,203.08-	2.7	1,403,700-
3001 USER RECEIPTS	397,013.99-	437,593-	1,660,619.34-	1,618,294-	42,325.34-	2.6	3,959,800-
3002 SURCHARGES	44,180.18-	46,193-	169,714.85-	170,829-	1,114.15	.7-	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	780.00-	1,700-	6,882.00-	8,500-	1,618.00	19.0-	20,000-
3007 INTEREST ON INVESTMENTS	34,481.48-	5,600-	160,651.23-	28,000-	132,651.23-	473.8	67,050-
3013 SAMPLING AND MONITORING	9,724.14-	9,400-	52,728.83-	47,200-	5,528.83-	11.7	113,000-
3014 REPLACEMENT TAXES	.00	0	104,247.53-	43,900-	60,347.53-	137.5	120,000-
3015 MISCELLANEOUS INCOME	.00	400-	384.46-	2,200-	1,815.54	82.5-	5,000-
3016 SALE OF ELECTRICITY	.00	1,000-	.00	5,000-	5,000.00	100.0-	12,000-
3020 SALE OF PROPERTY	.00	3,200-	13,528.00-	16,000-	2,472.00	15.5-	37,700-
3021 TELEVISION INSPECTION	.00	0	.00	0	.00	.0	150-
3023 PROPERTY LEASE PAYMENTS	.00	3,275-	16,186.15-	16,375-	188.85	1.2-	39,300-
3024 MONTHLY SERVICE FEES	375,623.03-	534,510-	1,970,963.87-	1,976,706-	5,742.13	.3-	4,836,800-
3027 GREASE WASTE	4,338.00-	19,000-	72,973.06-	97,000-	24,026.94	24.8-	230,000-
3035 INTERFUND TRANSFER	.00	0	400,000.00	400,000	.00	. 0	800,000
3040 RENEWABLE ENERGY CREDITS	.00	0	16,495.82-		10,495.82-	174.9	24,000-
3094 GRANTS AND INCENTIVES	.00	0	.00	0	.00		1,589,881-
DEPT 05 TOTALS	1,414,532.72-	1,663,778-	5,239,798.22-	4,994,714-	245,084.22-	4.9 12	2,077,381-
FUND REVENUE TOTAL	1,414,532.72-	1,663,778-	5,239,798.22-	4,994,714-	245,084.22-	4.9 12	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	32,786.55	33,643	113,367.68	126,461	13,093.32-	10.4-	272,250
A004 FINANCIAL RECORDS	17,495.39	29,572	106,688.16	126,302	19,613.84-	15.5-	254,450
A005 ADMINISTRATIVE RECORDS	2,390.43	2,885	13,653.29	12,395	1,258.29	10.2	24,900
A006 ENGINEERING	248.15	492	1,105.96		1,012.04-	47.8-	
A007 CODE ENFORCEMENT	40,316.74	58,008	179,809.33		55,228.67-		
A008 SAFETY ACTIVITIES	3,371.08	5,717	28,033.53		3,305.53		49,500
A030 BUILDING AND GROUNDS	1,545.06	110	3,703.04		3,034.04		1,150
SECT A TOTALS	98,153.40	130,427	455,360.99	537,161	81,800.01-	15.2- 1	1,056,100
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	.00	625	461.86	3,125	2,663.14-	85.2-	5,500
B101 NATURAL GAS	54.48	250	1,200.27	850	350.27	41.2	3,000
B102 WATER, GARBAGE AND OTHER UTILITIES	106.30	230	247.68	660	412.32-	62.5-	1,250
B110 BANK CHARGES	278.84	2,100	403.24	10,500	10,096.76-	96.2-	25,200
B112 COMMUNICATION	2,514.00	2,400	12,171.80	12,000	171.80	1.4	28,000
B113 EMERGENCY/SAFETY EQUIPMENT	853.80	2,400	7,793.71	6,800	993.71	14.6	20,450
B115 EQUIPMENT/EQUIPMENT REPAIR	23,562.74	16,900	88,728.92	70,400	18,328.92	26.0	165,000
2110 PKOTINDAT PKOTINDAT KELUTK	23,302.74	10,000	00,120.92	,0,400	10,020.02	20.0	100,000

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 2

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
				=======		:======	=======
B116 SUPPLIES	631.43	600	2,699.27	3,000	300.73-	10.0-	7,000
B117 EMPLOYEE/DUTY COSTS	1,600.69	1,600	6,992.06	8,000	1,007.94-	12.6-	19,000
B118 BUILDING AND GROUNDS	170,710.40	5,000	177,674.01	47,500	130,174.01	274.1	74,500
B119 POSTAGE	1,056.82	630	3,122.48	3,150	27.52-	.9-	7,550
B120 PRINTING/PHOTOGRAPHY	.00	400	6,036.61	10,400	4,363.39-	42.0-	12,700
B121 USER BILLING MATERIALS	6,641.17	7,000	34,384.58	39,000	4,615.42-	11.8-	88,000
B124 CONTRACT SERVICES	9,334.75	14,000	38,650.98	70,000	31,349.02-		167,000
B137 MEMBERSHIPS/SUBSCRIPTIONS	.00	0	134.40	900	765.60- ======	85.1-	9,500
SECT B TOTALS	217,345.42	54,135	380,701.87	286,285	94,416.87	33.0	633,650
SECT C VEHICLES							
C222 GAS/FUEL	205.27	250	668.63	1,450	781.37-	53.9-	3,200
C225 OPERATION/REPAIR	8.33	0	160.12	1,300	1,139.88-	87.7-	2,600
SECT C TOTALS	213.60	250	828.75	2,750	1,921.25-	69.9-	5,800
DEPT 11 TOTALS	315,712.42	184,812	836,891.61	826,196	10,695.61		,695,550
DEPT 12 O & M EXPENSES - WWTC SECT A SALARIES AND WAGES							
A006 ENGINEERING	576.34	6,764	3,183.72	29,038	25,854.28-	89.0-	58,350
A009 OPERATIONS MANAGEMENT	15,380.34	14,236	49,801.43	52,202	2,400.57-	4.6-	113,900
A010 MAINTENANCE - BUDGET	.00	72,948	.00	373,519	31,282.60-	8.4-	689,650
A011 MAINTENANCE - WWTC	36,648.39	0	237,400.75	0	.00	.0	0
A013 MAINTENANCE - ENERGY RECOVERY	870.82	0	7,552.25	0	.00	. 0	0
A014 MAINTENANCE - ELECTRICAL	16,402.27	0	97,283.40	0	.00	.0	0
A020 WWTC - BUDGET	.00	71,025	.00	306,825	29,918.27-	9.8-	614,600
A021 WWTC - OPERATIONS	27,796.12	0	187,261.85	0	.00	.0	0
A022 WWTC - SLUDGE HANDLING	14,521.31	0	85,664.11	0	.00	.0	0
A023 WWTC - ENERGY RECOVERY	764.08	0	3,980.77	0	.00	.0	0
A030 BUILDING AND GROUNDS	8,156.41	13,633 	40,053.32	60,037 ======	19,983.68- ========	33.3-	119,150
SECT A TOTALS	121,116.08	178,606	712,181.60	821,621	109,439.40-		, ,
SECT B OPERATIONS AND MAINTENANCE						_	_
B100 ELECTRICITY	10,735.71	6,100	27,063.42	28,100	1,036.58-	3.7-	65,000
B101 NATURAL GAS	367.08	700	1,559.97	3,300	1,740.03-	52.7-	12,500
B102 WATER, GARBAGE AND OTHER UTILITIES	6,820.08	5,000	26,956.11	20,000	6,956.11	34.8	40,550
B103 ODOR CONTROL	.00	400	.00	1,700	1,700.00-	100.0-	3,400
B104 FUEL - GENERATORS	.00	0	.00	8,250	8,250.00-	100.0-	16,500
B112 COMMUNICATION	1,790.69	2,500	10,787.90	12,600	1,812.10-	14.4-	27,600
B113 EMERGENCY/SAFETY EQUIPMENT	1,094.12	3,000	4,618.28	15,000	10,381.72-	69.2-	35,350
B116 SUPPLIES	4,806.24	2,750	13,265.68	13,850	584.32-	4.2-	32,750
B117 EMPLOYEE/DUTY COSTS	2,832.87	2,400	12,662.81	13,200	537.19-	4.1-	30,000
B124 CONTRACT SERVICES	.00	0	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
B131 SLUDGE HAULING/DISPOSAL SERVICES	.00	0	.00	0	.00	. 0	90,000

TREASURER'S REPORT

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 3

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
				=======	========	======	
B400 CHEMICALS - BUDGET	.00	31,615	.00	193,035	111,051.52-	57.5-	287,950
B401 CHEMICALS - DISINFECTION	20,029.67	0	30,199.21	0	.00	.0	0
B402 CHEMICALS - SLUDGE DEWATERING	3,074.04	0	23,589.78	0	.00	.0	0
B403 CHEMICALS - TERTIARY TREATMENT	.00	0	6,732.00	0	.00	.0	0
B404 CHEMICALS - OTHER	.00	0	21,462.49	0	.00	.0	0
B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS	7,865.73	7,000	40,794.17	35,000	5,794.17	16.6	234,100
B502 EQPT/EQPT REPAIR - DISINFECTION	2,378.24	2,400	2,525.73	14,500	11,974.27-	82.6-	31,300
B503 EQPT/EQPT REPAIR - EXCESS FLOW	2,643.70	2,600	3,384.51	13,000	9,615.49-	74.0-	31,100
B504 EQPT/EQPT REPAIR - GRIT REMOVAL	603.00	1,600	7,820.45	8,200	379.55-	4.6-	45,800
B505 EQPT/EQPT REPAIR - INFLUENT PUMPING	887.40	1,000	11,479.73	59,000	47,520.27-	80.5-	66,800
B506 EQPT/EQPT REPAIR - PRIMARY TREATMENT	16,065.00	10,000	50,839.10	92,700	41,860.90-	45.2-	138,700
B507 EQPT/EQPT REPAIR - SECONDARY TREATMENT	1,421.79	4,800	4,309.95	73,800	69,490.05-	94.2-	107,400
B508 EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	286.32	450	675.97	2,250	1,574.03-	70.0-	5,400
B509 EQPT/EQPT REPAIR - SLUDGE DEWATERING	1,128.67	2,250	27,681.54	11,250	16,431.54	146.1	27,000
B510 EQPT/EQPT REPAIR - SLUDGE DIGESTION	16,976.53	20,000	176,200.87	185,550	9,349.13-	5.0-	241,300
B511 EQPT/EQPT REPAIR - TERTIARY TREATMENT	26,792.93	2,800	49,260.77	104,800	55,539.23-	53.0-	123,700
B512 EQPT/EQPT REPAIR - WWTC GENERAL	5,769.62	3,700	36,908.50	43,600	6,691.50-	15.4-	68,700
B513 EQPT/EQPT REPAIR - WWTC UTILITIES	37,952.62	100,000	115,688.67	450,000	334,311.33-	74.3-	729,950
B801 BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS	10,000.00	333	10,000.00	1,669	8,331.00	499.2	4,000
B802 BLDG AND GROUNDS - DISINFECTION	95.45	800	145.06	4,000	3,854.94-	96.4-	9,600
B803 BLDG AND GROUNDS - EXCESS FLOW	.00	92	.00	460	460.00-	100.0-	1,100
B804 BLDG AND GROUNDS - GRIT REMOVAL	.00	800	28.06	11,300	11,271.94-	99.8-	31,100
B805 BLDG AND GROUNDS - INFLUENT PUMPING	99.33	700	12,599.33	3,500	9,099.33	260.0	8,100
B807 BLDG AND GROUNDS - SECONDARY TREATMENT	123.92	250	123.92	975	851.08-	87.3-	2,200
B809 BLDG AND GROUNDS - SLUDGE DEWATERING	.00	2,500	3,457.34	5,600	2,142.66-	38.3-	11,700
B810 BLDG AND GROUNDS - SLUDGE DIGESTION	14,003.11	15,000	14,197.19	27,000	12,802.81-	47.4-	29,400
B811 BLDG AND GROUNDS - TERTIARY TREATMENT	73.66	750	4,667.60	10,250	5,582.40-	54.5-	15,700
B812 BLDG AND GROUNDS - WWTC GENERAL	5,098.33	26,750	98,695.69	149,150	50,454.31-	33.8-	247,150
B813 BLDG AND GROUNDS - WWTC UTILITIES	.00	225	147.50	1,125	977.50-	86.9-	2,700
	========		=========	=======	=========	======	
SECT B TOTALS	201,815.85		1,107,014.30		767,199.70-		3,112,100
= SECT C VEHICLES	========	:=======	========	=======	=========	=======	=======
C222 GAS/FUEL	1,539.12	3,500	5,652.52	16,500	10,847.48-	65.7-	40,000
C225 OPERATION/REPAIR	85.66	700	1,310.69	3,600	2,289.31-	63.6-	8,500
C226 VEHICLE PURCHASES	.00	0		17,800	32.00-	.2-	93,300
CZZO VBNICHE I OKCINIDED					==========		•
SECT C TOTALS	1,624.78				13,168.79-		
=	========			=======		======	
= DEPT 12 TOTALS					========= 889,807.89-		
	•	·			==========		
DEPT 13 O & M EXPENSES - LABORATORY							
SECT A SALARIES AND WAGES							
A009 OPERATIONS MANAGEMENT	8,485.61	10,431	26,255.40	38,248	11,992.60-	31.4-	83,450
A040 LABORATORY - BUDGET	.00	22,146	.00	93,382	7,157.86	7.7	189,350
A041 LAB - WWTC	11,586.43	0	71,768.22	0	.00	.0	0
A042 LAB - PRETREATMENT	2,014.73	0	21,557.14	0	.00	.0	0
A043 LAB - SURCHARGE PROGRAM	3,473.14	0	5,161.36	0	.00	.0	0

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 4 FUND 01 GENERAL FUND

COST	ACTUAL CURRENT	BUDGET	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	% ======	BUDGET
A048 LAB - ENERGY RECOVERY	464.19	0	2,053.14	0	.00	.0	0
SECT A TOTALS	26,024.10	32,577	126,795.26	131,630	4,834.74-	3.7-	272,800
SECT B OPERATIONS AND MAINTENANCE							
B112 COMMUNICATION	223.14	350	1,238.39	1,850	611.61-	33.1-	4,000
B114 CHEMICALS	2,662.73	2,100	6,551.42	10,800	4,248.58-	39.3-	25,500
B115 EQUIPMENT/EQUIPMENT REPAIR	1,941.32	2,300	11,057.16	11,900	842.84-	7.1-	28,000
B116 SUPPLIES	1,428.14	2,100	7,775.84	12,500	4,724.16-	37.8-	25,900
B117 EMPLOYEE/DUTY COSTS	73.86	500	2,426.19	2,600	173.81-	6.7-	6,000
B122 MONITORING EQUIPMENT	.00	0	.00	2,750	2,750.00-	100.0-	5,500
B123 OUTSIDE LAB SERVICES	2,781.20	2,000	11,479.13	10,800	679.13	6.3	24,800
B124 CONTRACT SERVICES	.00	0	7,286.93	0	7,286.93	.0	0
SECT B TOTALS	9,110.39	9,350	47,815.06	53,200	5,384.94-	10.1-	119,700
= SECT C VEHICLES	:========		:========	=======	========	=======	
C222 GAS/FUEL	34.45	100	425.85	500	74.15-	14.8-	900
C225 OPERATION/REPAIR	.00	0	26.93	150	123.07-	82.1-	250
SECT C TOTALS	34.45	100	452.78	650	197.22-	30.3-	1,150
					=======================================		
DEPT 13 TOTALS	35,168.94	42,027	175,063.10	185,480	10,416.90-	5.6-	393,650
DEPT 14 O & M EXPENSES - SEWER SYSTEM							
SECT A SALARIES AND WAGES							
A006 ENGINEERING	1,082.09	898	3,254.31	3,710	455.69-	12.3-	7,600
A050 SEWER MAINTENANCE - BUDGET	.00	31,642	.00	137,083	11,063.00	8.1	274,200
A051 SEWER MAINTENANCE	22,186.89	0	141,083.81	0	.00	.0	0
A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	1,653.71	0	7,062.19	0	.00	. 0	0
A060 INSPECTION - BUDGET	.00	28,116	.00	121,762	33,186.77-	27.3-	243,600
A061 INSPECTION - NEW CONSTRUCTION	.00	0	762.18	0	.00	. 0	0
A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS	2,702.97	0	28,825.92	0	.00	.0	0
A063 INSPECTION - PERMIT INSPECTIONS	2,042.99	0	7,806.90	0	.00	.0	0
A064 INSPECTION - MISCELLANEOUS	2,170.66	0	11,326.20	0	.00	.0	0
A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES	2,064.40	0	10,598.46	0	.00	.0	0
A066 INSPECTION - CODE ENFORCEMENT	7,337.61	0	29,255.57	0	.00	.0	0
A070 SEWER INVESTIGATIONS - BUDGET	.00	559	.00	2,444	100.43-	4.1-	4,450
A072 SEWER INVESTIGATIONS	1,254.28	0	2,343.57	0	.00	.0	0
					=========		
SECT A TOTALS	42,495.60	61,215	242,319.11	264,999	22,679.89- =======	8.6- ======	529,850
SECT B OPERATIONS AND MAINTENANCE			_	_			-
B112 COMMUNICATION	734.25	1,000	4,673.90	5,000	326.10-	6.5-	12,000
B113 EMERGENCY/SAFETY EQUIPMENT	719.43	250	738.32	1,650	911.68-	55.3-	3,400
B115 EQUIPMENT/EQUIPMENT REPAIR	1,041.86	2,000	23,983.70	29,900	5,916.30-	19.8-	44,500
B116 SUPPLIES	105.03	300	2,280.77	1,550	730.77	47.2	4,100
B117 EMPLOYEE/DUTY COSTS	1,558.11	1,300	12,162.04	6,500	5,662.04	87.1	15,500

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 5 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
B127 JULIE SYSTEM	.00	1,300	11,079.63	6,500	4,579.63	70.5	15,400
B128 OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	.00	1,000	.00	8,000	8,000.00-	100.0-	15,000
B129 REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE	.00	1,000	3,500.00	5,000	1,500.00-	30.0-	12,000
B900 SEWER SYSTEM REPAIRS - BUDGET	.00	527,000	.00	1,269,000	903,378.21-	71.2-	4,271,600
B901 SEWER SYSTEM REPAIRS - I/I PROGRAM	4,183.17	0	12,336.92	0	.00	.0	0
B903 SEWER SYSTEM REPAIRS - REHABILITATION	2,120.00	0	27,575.07	0	.00	.0	0
B910 SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	84,456.92	0	321,282.80	0	.00	.0	0
B913 SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R	282.00	0	4,427.00	0	.00	.0	0
SECT B TOTALS	95,200.77	535,150	424,040.15	1,333,100	909,059.85-	68.2- 4	1,393,500
SECT C VEHICLES							
C222 GAS/FUEL	1,645.42	2,100	5,052.58	11,300	6,247.42-	55.3-	26,000
C225 OPERATION/REPAIR	353.13	750	5,414.03	3,750	1,664.03	44.4	9,000
C226 VEHICLE PURCHASES	327.00	0	483,212.00	483,000	212.00	.0	567,500
SECT C TOTALS =	2,325.55	2,850	493,678.61	498,050	4,371.39-	.9-	602,500
= DEPT 14 TOTALS	140,021.92		1,160,037.87		936,111.13-		5,525,850
= DEPT 15 O & M EXPENSES - LIFT STATIONS	========	=======	=========	=======	========	======	=======
SECT A SALARIES AND WAGES							
A006 ENGINEERING	461.07	917	741.64	3,777	3,035.36-	80.4-	7,750
A009 OPERATIONS MANAGEMENT	1,299.67	388	3,674.32	2,585	1,089.32	42.1	4,250
A030 BUILDING AND GROUNDS	44.29	82	6,250.69	549	5,701.69	1,038.6	900
A080 LIFT STATION MAINTENANCE	1,100.36	1,729	3,751.44	8,195	4,443.56-	54.2-	15,700
SECT A TOTALS	2,905.39	3,116	14,418.09	15,106	687.91-	4.6-	28,600
= SECT B OPERATIONS AND MAINTENANCE	========	========			========		
B100 ELECTRICITY	9,652.29	13,500	41,010.66	67,500	26,489.34-	39.2-	162,000
B104 FUEL - GENERATORS	.00	0	.00	2,050	2,050.00-	100.0-	4,000
B112 COMMUNICATION	36.01	500	733.93	2,500	1,766.07-	70.6-	5,400
B113 EMERGENCY/SAFETY EQUIPMENT	.00	0	1,369.67	7,450	6,080.33-	81.6-	11,100
B116 SUPPLIES	66.90	0	147.85	200	52.15-	26.1-	300
B520 EQPT/EQPT REPAIR - BUTTERFIELD	9.97	600	9.97	3,800	3,790.03-	99.7-	7,400
B521 EQPT/EQPT REPAIR - CENTEX	.00	150	148.20	950	801.80-	84.4-	2,000
B522 EQPT/EQPT REPAIR - COLLEGE	29.92	500	426.91	32,500	32,073.09-	98.7-	35,600
B523 EQPT/EQPT REPAIR - EARLSTON	106.89	750	106.89	4,750	4,643.11-	97.8-	6,300
B524 EQPT/EQPT REPAIR - HOBSON	65.37	2,000	3,134.60	87,000	83,865.40-	96.4-	94,000
B525 EQPT/EQPT REPAIR - LIBERTY PARK	1,961.93	250	1,997.21	2,500	502.79-		4,100
B526 EQPT/EQPT REPAIR - NORTHWEST	78.65	500	78.65	12,000	11,921.35-		13,700
B527 EQPT/EQPT REPAIR - VENARD	.00	500	987.29	3,500	2,512.71-	71.8-	7,100
B528 EQPT/EQPT REPAIR - WROBLE	.00	500	.00	9,000	9,000.00-	100.0-	12,800
B529 EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	453.75	5,000	7,939.62	25,000	17,060.38-	68.2-	66,350
B820 BLDG AND GROUNDS - BUTTERFIELD	184.95	0	851.60	0	851.60	. 0	0
B821 BLDG AND GROUNDS - CENTEX B822 BLDG AND GROUNDS - COLLEGE	148.20	0	629.85	0 20,000	629.85 20,000.00-	.0 100.0-	0 20,000

TREASURER'S REPORT

DATE 10/11/23 MONTH ENDED 09/30/23 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
B823 BLDG AND GROUNDS - EARLSTON	148.20	5,000	809.45	25,000	24,190.55-	96.8-	25,000
B824 BLDG AND GROUNDS - HOBSON	188.26	10,000	876.51	21,000	20,123.49-	95.8-	21,000
B825 BLDG AND GROUNDS - LIBERTY PARK	148.20	0	831.05	0	831.05	.0	0
B826 BLDG AND GROUNDS - NORTHWEST	148.20	10,000	1,413.93	35,000	33,586.07-	96.0-	37,000
B827 BLDG AND GROUNDS - VENARD	148.20	0	823.50	10,000	9,176.50-	91.8-	10,000
B828 BLDG AND GROUNDS - WROBLE	148.20	0	831.05	8,600	7,768.95-	90.3-	8,600
B829 BLDG AND GROUNDS - LIFT STATIONS GENERAL	838.80	3,000	1,864.00	15,000	13,136.00-	87.6-	31,750
SECT B TOTALS	14,562.89	52,750	67,022.39	395,300	328,277.61-	83.1-	585,500
DEPT 15 TOTALS	17,468.28	55,866	81,440.48	410,406	328,965.52-	80.2-	614,100
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOY	EE BENEFITS						
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	44,815.24	55,000	224,843.57	275,000	50,156.43-	18.2-	658,000
E460 IMRF	16,921.30	30,000	92,718.08	125,000	32,281.92-	25.8-	250,000
E461 SOCIAL SECURITY	21,799.08	31,200	116,427.37	130,000	13,572.63-	10.4-	260,000
SECT E TOTALS	83,535.62	116,200	649,634.02	779,850	130,215.98-	16.7- 1	,417,850
	=========	:=======		=======	=========	:=======	:=======
DEPT 17 TOTALS	83,535.62	116,200	649,634.02	779,850	130,215.98-		,417,850
DEPT 91 SA EXPENSE							
DEPT 91 TOTALS	.00	.======================================	.00	======= 0	.00	.======	
· · ·		-		-	==========	_	
FUND EXPENSE TOTAL					2,284,821.81-		
FUND 01 TOTALS	498,068.83-	221,587-	492,804.03-	2,037,102	2,529,906.03-	124.2- 2	2,419,169

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 7

FUND 02 IMPROVEMENT FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05	REVENUES							
3010 TRUNK :	ST ON INVESTM SEWER SERVICE UND TRANSFER	CHARGES	1,350.02- .00 .00	7,500- 0	6,748.71- 24,931.90- 400,000.00-	37,500- 400,000-	90,000-	
DEPT 0	5 TOTALS	_	1,350.02-	·	431,680.61-	439,500-	894,700-	
DEPT 30	CAPITAL EXP	- ARRA - LOAN REPAYMENTS						
0500 PROJEC	T BUDGET		.00	0	.00	0	93,200	
DEPT 3	0 TOTALS		.00	0	.00	0	93,200	
DEPT 36	CAPITAL EXP	= - LIBERTY PARK LIFT STAT			========	-======	-=======	
DEPT 3	6 TOTALS	=	.00	0	.00	0	0	
DEPT 47	CAPITAL EXP	- CENTEX LIFT STATION UP	GRADE					
	UCTION ADMIN/	RESIDENT ENG/ARCH SUPRVI CTS AND PURCHASES	.00 925.00 614,968.28	0 0 0	.00 10,817.33 614,968.28	304,400	304,400	
DEPT 4	7 TOTALS		615,893.28	0	625,785.61	304,400	304,400	
DEPT 48	CAPITAL - V	= ENARD LIFT STATION UPGRAD		=======	========	-======		
0500 PROJECT	T BUDGET ENGINEERING/		.00 201.25	200,000	.00 943.75	250,000 0	850,000 0	
DEPT 4	8 TOTALS		201.25	200,000	943.75	250,000	850,000	
DEPT 74	CAPITAL EXP	= - SEWER - UNSEWERED AREA			========	=======	=======	
0500 PROJEC	T BUDGET		.00		.00			
DEPT 7	4 TOTALS		.00	0	.00	0	500	
FUND E	XPENSE TOTAL		616,094.53	200,000	626,729.36	554,400	1,248,100	
FUND 0:	2 TOTALS	=			195,048.75			

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 8

FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05	REVENUES				-=======	=======	:=======	=======================================
	ST ON INVESTM		2,820.65-	20,800-	12,206.21- 65,777.00-	104,400-	250,000-	
DEPT 0	5 TOTALS		2,820.65-	22,275-	77,983.21-	111,775-	267,700-	
DEPT 20	CAPITAL EXE	= P - WWTC - GAS DETECTION/A						
0500 PROJEC	T BUDGET		.00	14,000	.00	56,000	419,000	
DEPT 2	0 TOTALS		.00	14,000	.00	56,000	419,000	
DEPT 21	CAPITAL EXF	= P - WWTC - BIOSOLIDS IMPRO		=========		=======	:=======	
0500 PROJEC	T BUDGET		.00	13,000	.00	50,000	997,500	
DEPT 2	1 TOTALS		.00	13,000	.00	50,000	997,500	
DEPT 30	CAPITAL EXE	= P - ARRA - LOAN REPAYMENTS		:========		=======	:=======	
0500 PROJEC	T BUDGET		.00	0	.00	0	28,807	
DEPT 3	0 TOTALS		.00	0	.00	0	28,807	
DEPT 31	CAPITAL EXE	- WWTC - CHP BIOGAS				=======	:=======	
DEPT 3	1 TOTALS	=	.00	0	.00	0	0	===========
DEPT 32	CAPITAL EXF	= P - WWTC - SECOND TURBOBLO				=======		
DEPT 3	2 TOTALS	=	.00	0	.00	0	0	
DEPT 33	CAPITAL EXF	= - WWTC - DIGESTER MIXING	G/GAS PIPING	=========				
DEPT 3	3 TOTALS		.00	0	.00	0	0	
DEPT 34	CAPITAL EXP	P - WWTC - GREASE WASTE DE						
DEPT 3	4 TOTALS	=	.00	0	.00	0	0	
DEPT 35	CAPITAL EXE	P - WWTC - CHP BIOGAS PHAS						
DEPT 3	5 TOTALS	=	.00	0	.00	0	0	

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 9

FUND 03 CONSTRUCTION FUND

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 27,000 .00 106,000 1,445,307 ______ FUND 03 TOTALS 2,820.65-4,725 77,983.21-5.775- 1.177.607

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 10 FUND 05 PUBLIC BENEFIT FUND

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL Y-T-D BUDGET NUMBER DESCRIPTION MONTH MONTH Y-T-D------______ DEPT 05 TOTALS .00 0 .00 ______ DEPT 59 CAPITAL EXP - SEWER - SEWER EXTENSIONS ______ 0 0 DEPT 59 TOTALS .00 .00 Ω

DEPT 65 CAPITAL EXP - SEWER - REIMB FOR ADDED DEPTH

DEPT 65 TOTALS .00 0 .00 0 0

FUND EXPENSE TOTAL .00 0 .00 0 0

FUND 05 TOTALS .00 0 .00 0 0

FUND EXPENSE TOTAL

FUND 71 TOTALS

DATE 10/11/23 MONTH ENDED 09/30/23 PAGE 11 FUND 71 SEWER EXTENSIONS ESCROW

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

.00

0

0

0

0

0

.00

.00



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

REPLY TO ATTENTION OF ECW-15J

VIA ELECTRONIC MAIL

Amy R. Underwood, General Manager Downers Grove Sanitary District 2710 Curtiss Street Downers Grove, Illinois 60515

Subject: June 27 to 29, 2023, Pretreatment Compliance Inspection Report for the Downers Grove

Sanitary District, Illinois; NPDES Permit Number: IL0028380

Dear Ms. Underwood:

Please find enclosed a copy of the inspection report generated as a result of the pretreatment compliance inspection of the Downers Grove Sanitary District, Illinois, conducted by the U.S. Environmental Protection Agency from June 27 to 29, 2023. The purpose of the inspection was to conduct a review of the Downers Grove's pretreatment program implementation. During the inspection, EPA observed several areas of concern; these are listed in the enclosed report. Please provide a written response to the areas of concern identified in the report within 30 days. In your response, please include a description of actions taken to correct any issues documented in the inspection report. Your response should be submitted electronically to choi.sangsook@epa.gov and r5pretreatment@epa.gov. Where it is infeasible to submit electronically, you may mail the information to:

Sangsook Choi, Water Enforcement and Compliance Branch, EPA Region 5 77 W. Jackson Blvd. (ECW-15J) Chicago, Illinois 60604-3590

If you have any questions or concerns regarding this letter, or the inspection report, please contact Ms. Choi at (312) 353-1869 or at choi.sangsook@epa.gov.

Sincerely,

RYAN BAHR Digitally signed by RYAN BAHR Date: 2023.09.06 15:54 56 -05'00'

Ryan J. Bahr, Supervisor Section 2 Water Enforcement and Compliance Assurance Branch

Enclosure

Pretreatment Compliance Inspection: Downers Grove Sanitary District, Illinois

Control Authority Name and Address

Downers Grove Sanitary District 2710 Curtiss Street Downers Grove, Illinois 60515

NPDES Permit Number: IL0028380

Responsible Official

Amy R. Underwood, General Manager

Inspection Participants

Downers Grove Sanitary District

Amy R. Underwood, General Manager Reese Berry, Laboratory Supervisor

Baxter and Woodman

Nichole Schaeffer, Environmental Department Manager

U.S. EPA

Sangsook Choi, Environmental Engineer Valerie Dooling, Environmental Engineer

Lead US EPA Inspector: Sangsook Choi

Sangsook

Digitally signed by Sangsook Choi

Inspector Signature:

Choi

Date: 2023.09.06 15:17 54 -05'00'

Approver Name and Title: Ryan Bahr, Section 2 Supervisor, Water Enforcement and Compliance Assurance Branch

RYAN BAHR BAHR Date: 2023.09.06

Digitally signed by RYAN

Approver Signature and Date:

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ATTACHMENT I: PHOTO LOG

ATTACHEMNT II: LIST OF DOCUMENTS RECEIVED DURING INSPECTION

SECTION 1.0: INTRODUCTION

The U.S. Environmental Protection Agency conducted a Federal Pretreatment Compliance Inspection (PCI) of the Downers Grove Sanitary District, Illinois (Downers Grove, District, or DGSD) from June 27 to 29, 2023. The purpose of the inspection was to evaluate the procedures and implementation of the Downers Grove's pretreatment program. The Downers Grove has a National Pollutant Discharge Elimination System (NPDES) Permit. Special Condition 12 of NPDES Permit No. IL0028380 require Downers Grove to operate its approved industrial pretreatment program. The industrial pretreatment program was approved on June 28, 1985. EPA's inspection consisted of:

- 1. Review of requested submittals prior to on-site inspection;
- 2. Interviews and discussion with Downers Grove staff and consultant manager;
- 3. Industrial User (IU) file reviews; and
- 4. A site visit at one IU: Rexnord Industries

On June 27, 2023, inspectors Valerie Dooling and Sangsook Choi arrived at the Downers Grove Sanitary District, at 2710 Curtiss Street. We met Amy R. Underwood, General Manager, Reese Berry, Laboratory Supervisor, and Nichole Schaeffer, consultant manager. EPA inspectors presented their credentials and had an opening conference and CBI was also discussed.

SECTION 2.0: SITE BACKGROUND AND PRELIMINARY REVIEW

Downers Grove Sanitary District is engaged in treating domestic and industrial wastewater and has a wastewater treatment plant (WWTP). The sewer system is a 100% separated system and no combined system exist.

Downers Grove Sanitary District WWTP has a design flow rate of 11 million gallons per day (MGD) and an actual flow rate of 9.8 MGD. It has the following treatment processes:

- 1. Primary—fine screens, grit tanks, and primary clarifiers;
- 2. Secondary—activated sludge/aeration tanks and secondary clarifiers;
- 3. Tertiary—sand filters, disinfection and dechlorination.

The District provided its latest Wastewater Treatment Plant Schematic. (See attachment 1)

SECTION 3.0: SUPPLEMENTAL DATA REVIEW/INTERVIEW

A. Pretreatment Program Modification:

There were no substantial changes to the pretreatment program that were not approved by EPA, Approval Authority. A Local Limit Technical evaluation for silver was submitted on August 31, 2022, and approved by EPA on December 12, 2022. The Enforcement Response Policy (ERP) has not been amended in recent years. The Sewer Use Ordinance (SUO) was adopted in November of 2022.

B. Legal Authority:

The SUO was passed in November 2022, and Downers Grove has one year to implement. The permits for the IUs were already modified and will be effective in November 2023. The DGSD owns 250 miles of sewers, the WWTP and nine (9) lift stations and is not part of the Village of Downers Grove. There are no intergovernmental /jurisdictional agreements. In addition to the Downers Grove area, DGSD provides services to parts of Westmont, Darrien, Lombard, Oakbrook, Lisle, Woodridge and unincorporated areas. The District also informed us that the Downers Grove Sanitary District's service area is determined by IEPA and the last time the boarders changed was in the 1990s. The District provided a map and list of the Downers Grove Sanitary District's service area. (See Attachment 2)

In June 2008, U.S. EPA approved a modification to the Districts approved pretreatment program to incorporate the Streamlining Rule requirements.

The DGSD has a 3-person board appointed by the County. There are 41 employees for the District.

Surcharge program

Every restaurant is in the surcharge program. Ultra brewing is the latest applicant to connect to the sewer system. If a restaurant has a grease trap, it will be alerted and added to the surcharge program. There are two food processers that are connected to the sewer: Flavor Chem and Pepperidge farm. According to DGSD, the food processers do not have potential to cause upset, so they were not listed as SIUs.

The SUO does not have local limits for BOD and TSS; it only sets surcharge limits for these parameters. The District included these parameters in its local limits evaluation and determined a local limits were not needed.

The District conducts unannounced sampling for BOD, TSS, FOG, and pH. The District does three days of composite sampling twice every five years (permit cycle) for FlavorChem and Pepperidge Farms and for 256 other sampling sites included in the surcharge program. If there are FOG or pH exceedances, the District discusses cleaning manifest of grease traps with grease trap codes. 99% of customers that are surcharged are restaurants. We requested a list of IUs and zero discharge IUs based on the Districts industrial waste survey.

The District indicated that many zero discharge IUs have their floor drains plugged. Bales Mold Service, Inc. had been permitted to have unplugged floor drains until November 2021. At that time, the District issued a Notice of Violation and the floor drains are now plugged at the Bales facility.

The District is actively investigating facilities following receipt of responses to its Industrial Waste Suvey (IWS.) Arrow Gear, a zero discharge facility has it floor drains plugged but identified another process in its response to the IWS and Downers Grove is investigating. Arrow Gear disclosed the

volume of discharge on the survey. Arrow Gear now has a chemical etch process that is fully contained and uses constant rinse water. The District has not determined the industrial category yet and stated that the previous contact at Arrow Gear did not disclose the new process 1 ½ years ago in response to that IWS.

The Lovejoy facility does not have any categorical processes onsite and is not discharging process wastewater. The Mar-Cor facility plans to terminate its permit in 1 to 6 months. They have not discharged in the last 3 to 5 months.

Good Samaritan Hospital got rid of its x-ray processing units and sends out biohazardous waste and pharmaceutical waste. They have a cafeteria and a grease interceptor. These changes occurred over 8 years ago but the hospital requested to retain its permit.

The Rexnord facility permit is expiring in October and the permit is out for renewal currently. Rexnord has hauled waste manifest which is verified onsite during the inspection. Rexnord was plating in the previous building which was removed in 2018-2019. Currently it is cleaning and milling products onsite. Rexnord has black oxide and etch lines but the wastewater from these processes is hauled away. There are dedicated sampling points onsite.

C. IU Characterization:

Downers Grove's definition of a significant industrial user (SIU) is similar to the definition written in 40 C.F.R. § 403.3(v).

Downers Grove may determine that a categorical IU (CIU) is a non-significant CIU (NSCIU) under 40 C.F.R. § 403.3(v)(2). Downers Grove has determined that one of its CIUs is an NSCIU, Bales Mold Service, Inc. because it is a zero discharge.

The District is currently conducting a comprehensive industrial user survey in 2023. The last survey was conducted in 2020-2021. The Downers Grove Sanitary District gets new users' information from the District's code of enforcement and billing departments. New connections need to be reviewed by code enforcement and are issued a sewer use permit. Existing connections are identified by the billing departments when the owner or tenant of a property switches. The code enforcement staff gets notified of planning/zoning meetings for the Villages that the District serves, and ensures that the District is aware of any new customers or change in zoning.

Semi-annually, the District's pretreatment coordinator (Lab Supervisor, Mr. Reese Berry) drives through all the industrial and commercial areas within the District's boundaries looking for any unexpected changes in property use.

Currently, Downers Grove has two SIUs (Bales Mold Services, Inc. and Rexnord) and two other regulated noncategorical IUs (Mar-Cor Purification and Good Samaritan Hospital). The two SIUs are also CIUs (Bales Mold Services and Rexnords).

D. Hauled Waste:

The District accepts grease separator waste and food processing waste. Haulers discharge into a grease receiving station which provides enough detention such that the contents of the grease receiving station

can be pumped into one anaerobic digester evenly across the entire day. Grease haulers must submit applications along with sampling analysis. The purpose of the hauled grease waste program is to create digester biogas with the overall goal to run with net zero energy. The biogass is used in the District's combined heat and power (CHP) engines to produce electricity. This was started in 2009-2012 as a trial with grease. In 2014, the CHP system was put into place.

The hauling permit states that each hauler must comply with the SUO. The hauled FOG and food waste is tested initially to determine if it has high Chemical Oxygen Demand (COD) and to ensue there is no sulfur. High sulfur could damage the engines and the District would have to change the media too frequently. When a hauler first applies, it brings a sample which is tested for total solids, volatiles, sulfur, COD and total phosphorus. If the sample is too solid it won't flow through the pipe and the District will not accept it.

The District accepts grease waste under a strict schedule to ensure enough digester gas is created to produce electricity so that the WWTP operates as a net zero energy facility.

E. Application of Pretreatment Standards and Requirements

Downers Grove Sanitary District evaluated its local limits in August 2022 and considered twelve additional pollutants in the analysis and determined that local limits were not needed for those twelve pollutants as the influent loads for those pollutants were significantly less than 60% of the calculated maximum allowable industrial loadings (MAHLs). Those twelve pollutants were BOD, Total Suspended Solids, Ammonia-Nitrogen, Barium, Fluoride, Iron, Dissolved Iron, Phenols, Selenium, Antimony, Manganese, and Molybdenum.

The November 27, 2022, Pretreatment Ordinance in Section 3.3 Specific Limitations on Discharge has the following local limits identified:

Pollutants	Maximum Concentration	Notes
Arsenic	0.52 mg/l	
Cadmium	0.28 mg/l	
Chromium	27.0 mg/l	
Hexavalent Chromium	0.81 mg/l	Grab sample
Copper	2.54 mg/l	
Cyanide	1.34 mg/l	Grab sample
Lead	2.15 mg/l	
Mercury	0.0005 mg/l	
Nickel	4.27 mg/l	
Silver	0.36 mg/l	
Zinc	2.61 mg/l	
рН	5.5 – 9.0 Standard Units	Grab sample
FOG	100 mg/l	Section 3.2 (C)(14) Prohibited
		Discharge Standards

F. Compliance Monitoring:

Downers Grove samples semi-annually for all local limited parameters and the industry samples semi-annually per permit and conducts an annual site inspection.

During each IU inspection, Downers Grove staff review all data and reports for the last three years with IU staff and determine if there were any operational updates or proposed changes and checks waste hauler manifests. Finally, staff walks through the IU facility and inspects manufacturing, chemical storage, and pretreatment facilities.

Downers Grove collects samples for metals and cyanide, and measure pH at each IU. Downers Grove sends those samples to a contract laboratory for analysis. The contract laboratory has quality assurance and quality controls (QA/QC) measures in place that are documented in its lab reports.

Downers Grove requires all SIUs to have a slug discharge control plan and asks for any updates during the annual inspection.

G. Enforcement:

Downers Grove's definition of a significant noncompliance (SNC) is similar to the definition written in 40 C.F.R. § 403.8(f)(2)(viii) except Technical Review Criteria (TRC) violation exceeding the product of the daily maximum or monthly average limit times the applicable TRC (TRC = 1.2).

The District issued an NOV to Rexnord in May 2023 for a pH violation. After the IU self-reported the exceedance, they notified the District within 10 hours (24 hours required) and the District required Rexnord to take another pH reading internally. The District required Rexnord to conduct a lab test the next day. There could have been a debris buildup in the sample tub. Now the sample tubs are cleaned monthly and hauled out. Rexnord did not report any additional pH exceedances.

The District stated that no industries are in SNC. Bales Mold Service had one exceedance of Nickel in August 2021 and Rexnord had one Chromium exceedance in 2020 and one pH exceedance in 2023.

H. Data Management/Public Participation:

Confidential Business Information (CBI) is kept in hard copy only and kept in a locked file cabinet with the door locked and it is not scanned. It is labeled confidential.

I. Resources:

The District's pretreatment program is primarily implemented by the District's Laboratory Supervisor. The General Manager provides administrative assistance, as needed. The District's two lab analysts assist with sample collection. The District office staff may assist with clerical or billing assistance.

Downers Grove devoted 0.13 FTE in 2022 to implement its pretreatment program. The District has access to 8 composite samplers, a lab van, 500 feet of tubing, and Personal Protective Equipment. Downers Grove replaces its sampling equipment every 10-15 years.

Downers Grove's annual budget for its pretreatment program for FY2023-24 is \$35,300. Funding is expected to increase in FY2025-26 to \$73,000 for purchasing a van.

J. Environmental Effectiveness/Pollution Prevention

The District maintains a spreadsheet of the semi-annual metals and priority pollutant analysis of its influent, effluent and biosolids, and reviews it to see if anything has significantly changed for determining the effectiveness of pretreatment controls.

The District has a Class A sludge (public distribution) since the 1980s and since 2016 also maintains a Class B sludge for land application.

SECTION 4.0: FILE REVIEWS

4.1 IU Identification

IU Permit	IU Name	IU Type	Avg total	Avg process	Visited	Reviewer	Categorical
Number			flow (gpd)	flow (gpd)	During		Pretreatment
					Audit?		Standard
Discharge	Bales	Non	280 GPD	900 GPD	No	Valerie	40 CFR 413
Permit No.	Mold	Significant	of sanitary	(evaporation		Dooling	ELECTROPLATING
16	Service,	CIU	discharged	and hauled);			POINT SOURCE
	Inc		to sewer	Zero GPD			CATEGORY
				discharged			(Job shop)
				to sewer.			
Discharge	Rexnord	CIU	10,230 -	1026 to	Yes	Sangsook	40 CFR 433 METAL
Permit No. 1	Industries		15,300	1500		Choi	FINISHING POINT
			gallons	gallons per			SOURCE
			per day	day			CATEGORY

4.2 Facility Information

Bales Mold Service, Inc 2824 Hitchcock Avenue Downers Grove, Illinois 60515

Job shop for metal plating and finishing of molds used in plastic extrusion. Plating is done using various chromium, copper and nickel solutions that may contain cyanide. Process wastewater is generated from plating rinses, sand blasting, laboratory testing and general facility cleaning. Process wastewater is collected and pumped to evaporators to concentrate the waste. Some rinses are used to

make up in tank with high rates of evaporation. The concentrated wastes and waste plating and cleaning solutions are hauled offsite for treatment and disposal. There is no pretreatment onsite and the IU is prohibited from discharging process water to the sewer. The point of discharge (of domestic) to the sanitary sewer system is 15 feet west of the DGSD Manhole Number 3-A-62. There is another manhole on the discharge line from the building designated Manhole 001. This is the sampling point used for monitoring of (domestic) discharge for compliance with the permit limits.

Rexnord Industries
2400 Curtiss St.
Downers Grove, Illinois 60515

Manufactures roller bearings used in military and commercial applications. Operations carried out in the plant are: heat treating, machining, grinding, tumbler finishing, rinsing, washing, and assembly. The point of discharge is at District's Manhole Number II-A-4-S and has six sampling points: 001-A, 001-B, 001-C, 001-D, 001-E, and 001-F.

Containerized discharges: hauled off-site for disposal for the following sources: Teflon Area (Rinse Tanks 5 and 6), D-Carbonizer process water, Black Oxide process water, Nital Etch process water and Unit #471- Tumbler. These flows are not permitted for discharge to the sanitary sewer and must be hauled off-site for disposal.

4.3 IU Evaluation

A. Issuance of IU Control Mechanism

Statement of duration (≤ 5 years)

The Rexnord Permit has indicated in the Section VI. Term of the Permit:

"The term of this permit shall be from the issuance date to the stated expiration date. Provided, however, that the permit is contingent upon the issuance of an NPDES Permit to the District. Provided further that in the event a valid law, regulation, or ordinance requires the amendment of the terms and conditions of this permit, prior to its anticipated expiration date, the District may amend this permit upon thirty (30) day written notice to the Permittee."

Statement of Non-transferability

Section V. General Condition E states:

"This permit is issued to the named Permittee for the specific operations permitted and is not transferable or assignable without the approval of the District." The Rexnord and Bales permits each include provisions for non-transferability of the permit.

Applicable effluent limits (local limits, categorical standards, Best Management Practices)

<u>Bales Mold Service, Inc</u> - The effluent limits that are in the DGSD ordinance are all listed in the IU permit. Per the 9/28/2006 Boornazian Appendix B Footnote 6, Job shop electroplaters fall under 40 CFR 433 PSNS. The Bales facility began operation in 1984 after the 8/31/82 new source date for 40 CFR 433. The requirements of 433.17 (PSNS) have different pollutant effluent limits than the effluent limits included in the permit listed for 40 CFR 413.

The 433 limits for cadmium is 0.11mg//L and the IU permit lists 0.28mg/L. The 433 limits for Chromium is 2.77mg/L and the IU permit is 27.0mg/L. The 433 Nickel limits is 3.98mg/L and the IU permit is 4.27mg/L. The 433 Cyanide limit is 1.20 and the IU permit limit is 1.34mg/L. The IU permit does not have a TTO limit but the 433 limit for TTO is 2.13 mg/l or certification and TOMP. The IU permit requires the certification statement, but the CA does not have a copy of the IU's TOMP.

<u>Rexnord Industries</u> – The permit does not separately identify Categorical Discharge Limitations and Local Limits. It is unclear in the permit which limit is the most stringent limit that is applied to the end of the process.

The most stringent limit for Chromium is the categorical limit (2.77 mg/l) and should be applied at the end of the pipe, Outfall 001-A, instead of the Local limit of 27.0 mg/l. The categorical limits are also more stringent for Cadmium, Lead and Nickel.

Self-monitoring requirements

Identification of pollutants to be monitored

<u>Bales Mold Service, Inc</u> - Electroplating 40 CFR 413 PSNS standards are only applicable for job shop electroplaters who were in operation prior to the 40 CFR 433 New Source date of 8/31/82. Job shop electroplaters that are "New Sources must comply with PSNS in 40 CFR Part 433.17 (metal finishing). 40 CFR 433.17 includes categorical limits for Chromium, Copper, Nickel, Silver, Zinc pollutants and these limits are not included in the IU permit.

Process for seeking a waiver for pollutant not present or expected to be present (for CIUs only)

Bales Mold Service, Inc - The fact sheet states that Cadmium, Silver, Arsenic, Mercury and

hexavalent chromium are not expected to be present in the wastestream. The pollutants that are expected to be present in the wastestream are not all listed in the permit (total chromium, copper, nickel, zinc).

Sampling frequency

<u>Rexnord Industries</u> - Sampling frequency is only identified for Cadmium, Chromium, Copper, Nickel and Zinc, and pH, flow, oil & Grease (FOG). The sampling frequency is not identified for Cyanide, Lead, and Silver.

Statement of applicable civil and criminal penalties

<u>Bales Mold Service</u>, <u>Inc</u> - The IU permit lists monetary penalties for failure to comply but does not list any potential criminal penalties.

<u>Rexnord Industries</u> – There is no civil and criminal penalties statement in its Permit as required per 40 CFR 403.8(f)(1)(iii)(B)(5): Statement of applicable civil and criminal penalties for violation of Pretreatment Standards and requirements, and any applicable compliance schedule.

The IU permit did not have language that the CA can seek or assess civil or criminal penalties of \$1,000 a day for each violation.

B. CA Application of IU Pretreatment Standards:

IU Categorization

Calculation and application of categorical standards

Bales Mold Service, Inc - See previous comments regarding 40 CFR 433 limits.

Application of limits for all regulated pollutants

<u>Bales Mold Service, Inc</u> - See previous comments regarding list of all applicable pollutant limits in the permit.

Application of local limits

Rexnord Industries - There was no required monitoring for Local Limit pollutants.

Application of most stringent limit

<u>Bales Mold Service, Inc</u> – 40 CFR 433.17 has monthly and daily limits. For the compliance samples taken once every 6 months, the most stringent would be: Cadmium 0.07mg/L instead of the 0.28mg/L listed in the IU permit. Chromium, total 1.71mg/L instead of the 27.0mg/L listed in the permit; Copper 2.07mg/L instead of the 2.54mg/L listed in the permit; Nickel 2.38mg/L instead of the 4.27mg/L listed in the permit; Silver .24mg/L instead of the .36mg/L listed in the permit; Zinc 1.48mg/L instead of the 2.61 mg/L listed in the permit; Cyanide 0.65mg/L instead of the 2.7mg/L listed in the permit; and TTO 2.13 instead of the 4.57 listed in the permit.

<u>Rexnord Industries</u> - The most stringent limit for Chromium is the categorical limit (2.77 mg/l) and to be applied to the at the end of the pipe, Outfall 001-A, instead of the Local limit of 27.0 mg/l. The categorical limits are also more stringent for Cadmium, Lead and Nickel.

General Comments -

<u>Rexnord Industries</u> – The wastewater from the following processes: black oxide, nital etching, FAA rinse, touch plating process, washers in heat treat and ultrasonic rinse wastewater are held in a containment vessel for offsite disposal.

C. CA Compliance Monitoring

Analysis for all regulated parameters

<u>Bales Mold Service, Inc</u> - The CA did not sample for TTO. The IU submitted a waiver in lieu of TTO but the TOMP was not present. The CA did not sample for hexavalent chromium. Hexavalent chromium is listed in the IU permit.

<u>Rexnord Industries</u> – DGSD did not monitor for regulated Cyanide, Lead, nor Silver. The rationale provided was "Not expected to be present in the Discharge." The Silver local limit became more stringent in the most recently approved local limits analysis. Downers Grove does not monitor for TTOs. There was not a TOMP present.

D. CA Enforcement Activities

Downers Grove issued a NOV for a Chromium violation in 2020 for Rexnord and a NOV for a Nickel violation in Aug 2021 for Bales.

Calculation of SNC

Rexnord Industries - Every 6-month this SIU monitors and analyzes for regulated parameters. Since there is only one sample conducted, any analytical results should be subject to both the daily maximum limit and the monthly average limit. For the Chromium violation reported on May 8, 2020, the result was 2.95 mg/l. In this situation, this result is subject to the monthly average limit of 1.71 mg/l. For Chromium, a violation is considered SNC when semiannual sampling equals or exceed the product of the daily maximum or average limit times the applicable TRC (TRC = 1.4 for BOD, TSS and FOG, and 1.2 for all other pollutants except pH). The Chromium violation met the SNC definition, but DGSD did not determine that that the facility was in SNC.

Publication of SNC

<u>Bales Mold Service, Inc</u> - Facility was not published for the SNC violation occurring in the 6 months prior to Sept 30, 2021.

<u>Rexnord Industries</u> - The Chromium violation met the SNC definition but was not reported as SNC nor published in a local newspaper.

Adherence to approved ERP

Bales Mold Service, Inc - See above comment concerning publishing SNC.

<u>Rexnord Industries</u> – Rexnord had a Chromium violation that met SNC criteria. DGSD did not determine it to be SNC and did not follow its Enforcement Response Plan as required. The SNC was also not published in a local newspaper.

E. IU Compliance Status

Analysis by IU of all required pollutants in accordance with appropriate sampling techniques and analytical methods

<u>Rexnord Industries</u> - Not all regulated parameters are monitored. Only required to monitor for Cadmium, Chromium, Copper, Nickel, and Zinc semiannually. The permit only specifies those pollutants to monitor and report.

Reporting by IU on all required pollutants

Rexnord Industries - Not all regulated parameters are monitored. Only required to monitor for

Cadmium, Chromium, Copper, Nickel, and Zinc semiannually. The permit only specifies those pollutants to monitor and report.

IU submission/implementation of slug discharge control plan <u>Bales Mold Service, Inc</u> - The CA did not provide the IU's spill control plan for EPA review.

Noncompliance with discharge limits (but not SNC)

<u>Rexnord Industries</u> - The May 8, 2020, chromium effluent limit violation met SNC TRC criteria. Reported sampling results was 2.94 mg/l. Since there was one sampling done for the past 6 months, this sampling result is subject to the monthly average limit of 1.71 mg/l.

SNC for TRC

<u>Bales Mold Service, Inc</u> - Facility was in SNC during the 6-month period prior to Sept 30, 2021, for a violation that met SNC TRC criteria due to a Nickel exceedance of 16.7mg/L on 8/12/21. Three samples were taken during the period from April - Sept 2021 and one sample exceeded 1.2x the permit limit of 4.27mg/L. Facility is not currently in SNC.

<u>Rexnord Industries</u> - The May 8, 2020, chromium effluent limit violation met SNC TRC criteria. Reported sampling results was 2.94 mg/l. Since there was one sample taken during for the 6-month period, this sampling result is subject to the monthly average limit of 1.71 mg/l.

TRC for chromium is $1.2 \times 1.71 \text{ mg/l} = 2.052 \text{ mg/l}$. The sampling result exceeded the TRC limit of 2.052 mg/l and therefore, it is SNC.

SECTION 5.0: INDUSTRIAL USER SITE VISITS

Rexnord Industries
2400 Curtiss St.
Downers Grove, Illinois 60515

Date of site visit: June 29, 2023

Inspection participants:

<u>Rexnord Industries</u> Carlos Garcia, EHS Manager

<u>Downers Grove Sanitary District, IL</u> Amy Underwood, Public Works General Manager Reese Berry, Laboratory Supervisor/Pretreatment Coordinator

EPA

Valerie Dooling, Environmental Engineer Sangsook Choi, Environmental Engineer

EPA and Downers Grove staff entered the Rexnord Industries (Rexnord) facility at 9:30 a.m. Downers Grove provided the 2023 Industrial Site Visit Report.

Opening Interview: Rexnord staff stated the following:

- Company operation:
 - o Rexnord has 288 employees for 3 shifts.
 - o The production staff work from 6:00 am to 2 pm; 2 pm to 10 pm; and 10 pm to 6 am.

The company manufactures roller bearings used in military and commercial applications. industry. Raw materials are bars, tubes, steel castings, etc. Processes include grinding, cutting, deburring, polishing, drilling, heat treat, touch plating, honing, etching, reaming, lathing, milling, lapping, bead blasting, saw cutting, welding, oil soaking, and assembly. Touch plating is not a plating department / process. It is a workstation with bottled chemicals where a worker inspects parts under magnification. If the part has a blemish, they "touch plate" the blemish to repair that imperfection. The chemicals/waste are discarded in a satellite storage drum at the workstation. This is not operational on a daily basis. Carlos Garcia estimated this was a 2-3 day per week operation and can be an all-day job.

Rexnord is subject to 40 CFR Part 433 Metal Finishing Categorical Standards.

- All waste from equipment that is categorical waste is pumped into holding tanks which double as sampling points before the waste is emptied into the sanitary sewer lines of the facility. These sample points are monitored by Rexnord and DGSD for categorical limits. At this time, they are meeting the daily and monthly averages for categorical limits for 40 CFR part 433 at these locations.
- This is a new facility, which was brought online in early 2019. They no longer have the old facility at the same address. It was demolished in late 2018 and early 2019. No significant changes in 2023.
- Wastewater generated discharges to 001A for the whole facility, 001B, 001C, 001D, 001E and 001F for various flows that are covered in the 433 categorical standards. DGSD has a list of equipment for each outfall. This was verified for each sampling location during the inspection. 001F is still unused but will remain a discharge point for future expansion if needed. Currently there is no flow from this point.
- Hazardous wastes are in long-term storage at the rear of facility in sunken storage area. Storage of satellite short term wastes is located in each 40 CFR 433 process area but moved to long-term storage when full. The Long-term area has a sunken floor and a pit that spilled materials can be pumped out of via sump pump if needed. This pit is not connected to the storm nor sanitary sewer. It is simply a holding tank in case of spills. These areas are not hooked up to the sanitary sewer lines in the facility.

- Chemical disposal is recorded on several different manifests. Review of these during the visit verified waste removal for Nital Etch, Black Oxide and the other various containerized wastes at different working locations inside the plant.
- Spill Containment and Control plans. Rexnord submitted the Spill Containment and Control Plan in January 2020 and has containment in place at various work sites throughout the plant and spill kits are available.
- Compliance Sampling
 - O Semi-annual sampling: Suburban Laboratories, Inc. conducts sampling for pH, Cadmium, Chromium, Copper, Nickel, Oil and Grease, Temperature and Flow.

Walkthrough

We went through the Secondary Seal Division and observed a safety shower and emergency eyewash station, two 50-gallon drums with secondary containment, and a Vibratory Bowl Tumbling Sump Tank and the piping to sample point 001-C; and walked to the Repair Division and observed Sampling Point 001-C and the facility's sewer pipe discharges to a black container which then continues flowing by gravity.

We then walked to the Staking and Tool Room division and observed Sampling Point 001-D which continues flowing by gravity and observed the Abrasive Tumbler Recycling Tank which is a closed loop that does not discharge to the sewer, and observed the Black Oxide Coating System which has six tanks describing the steps, constituents, and the operating temperature. We walked to the HV Bearing Division for the Central Cooling System which had a liquid waste tank and nital etch. We then observed a Filter press system for solid waste that contains Cadmium from the Central Cooling System and saw Sampling Point 001-E and the Sonic Unit tank water recycler. The coolant recycler does not discharge to the sewer. The Fluids Division has solvent storage tanks with spill containments, 55-gallon drums of oil on the stacks, and used oil/water and coolant tanks.

We went outside of the building to observe a manhole designated Sampling Point 001 and saw a concrete connection with wastewater flowing from the building. We went to the Hazardous Waste Storage area and observed that the floor slopes downward into two pits in case of any spills.

SECTION 6.0: SUMMARY OF FINDINGS

A. Areas of Concern

40 C.F.R. Part	Site Background & Inspection Observations	Report Section
403.8(f)(5)(ii)	Downers Grove did not follow it's enforcement response plan (ERP and ERG) for the Technical Review Criteria (TRC) violations that exceeded the product of the daily maximum or monthly average limit times the applicable TRC factor meeting the significant noncompliance (SNC) definition.	3 0 G

	TRC = 1.2 X Daily or monthly limit (for all pollutants except BOD, TSS, FOG, and pH)	
403.8(f)(1)(ii) and(iii)	403.8(f)(1)(ii) and (iii) require that CAs require compliance with applicable Pretreatment Standards and Requirements by Industrial Users and that CAs control Industrial Users through a permit, order, or similar means Downers Grove has many industries identified under the Surcharge program including food processors, brewing industries, zero dischargers, Arrow Gear, etc. It is not clear how DGSD is controlling these industries or whether there are industries that need to be permitted for discharges to the POTW.	3.0 B
40 C.F.R. Part	File Reviews	Report Section
403.8(f)(1)(iii)(B) (3) and (4)	Bales Mold Service, Inc. is subject to 40 CFR 433 PSNS and not 413. The requirements of 40 CFR 433.17 (PSNS) have different effluent limits than the effluent limits listed for 413. 40 CFR 433.17 lists Chromium, Copper, Nickel, Silver, and Zinc pollutants that are not on the IU permit.	4.3 A.
403.8(f)(1)(iii)(B) (3)	The Rexnord permit does not separately identify all categorical pollutants effluent limits and Local limits. It is unclear which limit is the most stringent limit.	4.3 A.
403.8(f)(1)(iii)(B) (4)	The Bales Mold Service, Inc. fact sheet stated that Cadmium, Silver, Arsenic, Mercury, and Hexavalent Chromium are not expected to be present in the Wastestream. The other pollutants in the categorical standard are not listed in the permit (total chromium, copper, nickel, and zinc).	4.3 A.
403.8(f)(1)(iii)(B) (4)	The sampling frequency for Rexnord is only identified for Cadmium, Chromium, Copper, Nickel, Zinc, pH, flow and oil & grease (FOG). The sampling frequency is not identified for Cyanide, Lead, and Silver.	4.3 A.
403.8(f)(1)(iii)(B) (5)	403.8(f)(1)(iii)(B)(5) requires that control mechanisms must contain, at a minimum a statement of applicable civil and criminal penalties. The Bales Mold Services IU permit lists potential monetary penalties but does not list any potential criminal penalties.	4.3 A.
403.8(f)(1)(iii)(B) (5)	The Rexnord IU permit does not include a statement on civil and criminal penalties.	4.3 A.
403.8(f)(1)(vi)(A)	The IU permits do not have language, that the CA can seek or assess civil or criminal penalties of \$1,000 a day for each violation.	4.3 A.
403.8(f)(1)(ii)	Bales Mold Service, Inc. subject to 40 CFR 433.17 and the most stringent monthly and daily limit should be applied. Since sampling is done every 6 months, the most stringent limit – the monthly limit - applies for compliance purpose.	4.3 B.
403.8(f)(1)(ii)	The Rexnord Industries Permit is required to identify the most stringent categorical effluent limit (monthly limits) applied at the end of the process/pipe.	4.3 B.

403.8(f)(2)(v)(A) and (C)	DGSD did not sample TTOs at least once per permit cycle and a TOMP was not present for Bales Mold Service, Inc. and Rexnord. Hexavalent Chromium was not sampled.	4.3 C.
403.8(f)(2)(viii)	Rexnord's Chromium violation and Bales Mold Service, Inc.'s Nickel violation met TRC SNC criteria using the most stringent average monthly limit times 1.2 (TRC factor) but were not determined to be SNC.	4.3 D.
403.8(f)(2)(viii)	Bales Mold Service, Inc. and Rexnord's SNC violations were not published in a local newspaper.	4.3 D.
403.8(f)(5)	DGSD did not follow the Enforcement Response Guide to designate violations as SNC when those violations exceeded the Technical Review Criteria (TRC). A toxic pollutant violation meets the TRC SNC criteria when the measured value equals or exceeds 1.2 times the limit.	4.3 D.
403.12(e) & (g)(1) & (h), 403.12(g)(5)	Not all regulated parameters are monitored and reported by IUs under categorical pretreatment standards. The Permits only required semi-annually monitoring for Cadmium, Chromium, Copper, Nickel and Zinc. Silver monitoring is not required even through the local limit has changed.	4.3 E.
403.8(f)(2)(viii) (B)	SNC determinations for Bales Mold Service, Inc. and Rexnord did not consider the TRC criteria correctly.	4.3 E.

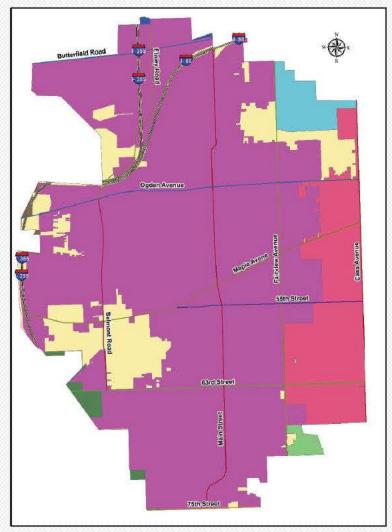
B. Program Recommendations

40 C.F.R. Part	Site Background & Inspection Observations & File Reviews	Report Section
403.8(f)(2)(v)(A) and (C)	CAs and CIUs are required to monitor TTOs at least once per permit cycle. This monitoring is also required semi-annually unless IUs prepare and DGSD approves a TOMP in which case compliance for the semiannual monitoring can be achieved with certification statements. DGSD, Bales Mold Service, Inc. and Rexnord. have not monitored for TTOs nor Hexavalent Chromium and did not have TOMPs.	4.3 C.
403.8(f)(1)(ii)	The most stringent categorical effluent limit (monthly limits) is required to be applied at the end of the process/pipe to determine compliance.	4.3 B.

Rexnord Industries EPA Inspection June 29, 2023 All photos taken by Val Dooling, Environmental Engineer, U.S. EPA Camera: RICOH WG-4 GPS

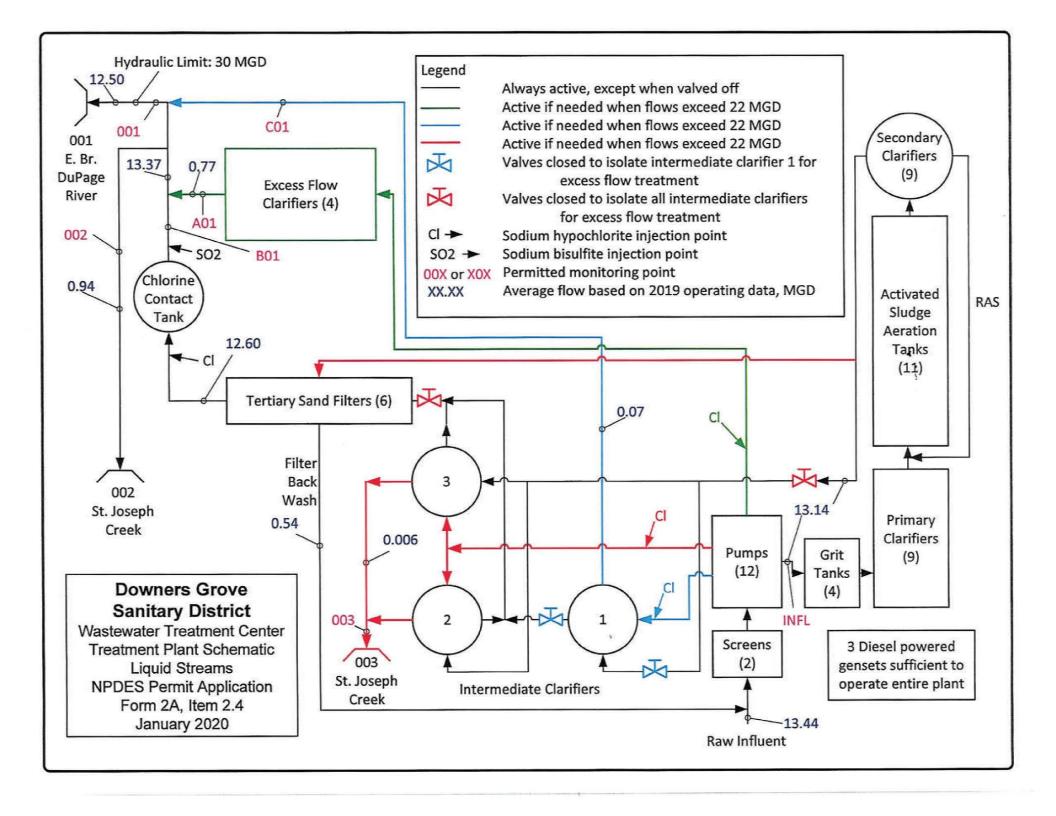
Photos have been removed for confidentiality

DOWNERS GROVE SANITARY DISTRICT

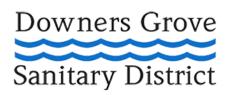




1998
Facility Planning Area (Last Amended)



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



Legal Counsel

General Manager

Daniel McCormick, P.C.

Amy R. Underwood, P.E.

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

September 29, 2023

United States Environmental Protection Agency Sangsook Choi, Water Enforcement and Compliance Branch, EPA Region 5

Attn: ECW-15]

Sent Electronically to: choi.sangsook@epa.gov and r5pretreatment@epa.gov

Subject: NPDES Permit Number IL0028380 **Pretreatment Compliance Inspection Report**

Written Response

Dear Ms. Choi:

Thank you for the inspection report, dated September 6, 2023, on the pretreatment compliance inspection conducted by the U.S. Environment Protection Agency from June 27 to 29, 2023, at the Downers Grove Sanitary District (DGSD or District). As requested by EPA, this written response addresses the areas of concern identified by EPA in the inspection report. This written response also addresses the program recommendations made by EPA.

In order to address some of the areas of concern and program recommendations made by EPA, the Bales Mold Service, Inc. and Rexnord IU permits need to be modified. Please note that the Rexnord permit expires on October 21, 2023 and modifications will be addressed in the renewed permit. The Bales Mold Service, Inc. permit is not currently up for renewal, however, it will be reopened and be updated by December 31, 2023 to address any modifications indicated herein.

Areas of concern

40 C.F.R. Part	Site Background & Inspection Observations	Report Section
403.8(f)(5)(ii)	Downers Grove did not follow it's enforcement response plan (ERP and ERG) for the Technical Review Criteria (TRC) violations that exceeded the product of the daily maximum or monthly average limit times the applicable TRC factor meeting the	3.0 G.

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	significant noncompliance (SNC) definition. TRC = 1.2 X Daily or monthly limit (for all pollutants except BOD, TSS, FOG, and pH)	
	DGSD Response: Rexnord was not in SNC for total chromium (see explanation provided on Page 5). In the future, the District will properly identify TRC violations and follow its enforcement response plan when a TRC violation occurs.	
403.8(f)(1)(ii) and(iii)	403.8(f)(1)(ii) and (iii) require that CAs require compliance with applicable Pretreatment Standards and Requirements by Industrial Users and that CAs control Industrial Users through a permit, order, or similar means Downers Grove has many industries identified under the Surcharge program including food processors, brewing industries, zero dischargers, Arrow Gear, etc. It is not clear how DGSD is controlling these industries or whether there are industries that need to be permitted for discharges to the POTW.	3.0 B
	DGSD Response: Please note that zero dischargers are not identified under the surcharge program. Zero dischargers were identified under the pretreatment program. Many of the zero dischargers are IUs that were permitted in the past and then stopped discharging to the sanitary sewer and started hauling their process waste away. Zero dischargers annually sign a prohibited discharge certification indicating they have not discharged process waste to the DGSD collection system.	
	Zero dischargers, food processors and brewing industries all submit Industrial Waste Surveys when the District sends them out. The responses are reviewed by District staff for any changes in discharge flow or quality that would trigger the need for a permit. The District is currently in the process of conducting its IU Inventory and will be evaluating industrial users and determining if any discharge permits are required to be issued.	
40 C.F.R. Part	File Review	Report Section
403.8(f)(1)(iii)(B) (3) and (4)	Bales Mold Service, Inc. is subject to 40 CFR 433 PSNS and not 413. The requirements of 40 CFR 433.17 (PSNS) have different effluent limits than the effluent limits listed for 413. 40 CFR 433.17 lists Chromium, Copper, Nickel, Silver, and Zinc pollutants that are not on the IU permit.	4.3 A.
	<u>DGSD Response</u> : Bales permit will be amended to indicate the correct categorical standard applicable to its facility and the associated effluent limits.	

403.8(f)(1)(iii)(B) (3)	The Rexnord permit does not separately identify all categorical pollutants effluent limits and Local limits. It is unclear which limit is the most stringent limit.	4.3 A.
	<u>DGSD Response</u> : The most stringent limit between categorical and local limits will be shown in the permit.	
403.8(f)(1)(iii)(B) (4)	The Bales Mold Service, Inc. fact sheet stated that Cadmium, Silver, Arsenic, Mercury, and Hexavalent Chromium are not expected to be present in the Wastestream. The other pollutants in the categorical standard are not listed in the permit (total chromium, copper, nickel, and zinc).	4.3 A.
	<u>DGSD Response</u> : Bales permit will be updated to indicate the correct categorical standard applicable to its facility and associated effluent limits.	
403.8(f)(1)(iii)(B) (4)	The sampling frequency for Rexnord is only identified for Cadmium, Chromium, Copper, Nickel, Zinc, pH, flow and oil & grease (FOG). The sampling frequency is not identified for Cyanide, Lead, and Silver.	4.3 A.
	<u>DGSD Response</u> : The renewed permit will include sampling frequency for all pollutants with limits.	
403.8(f)(1)(iii)(B) (5)	403.8(f)(1)(iii)(B)(5) requires that control mechanisms must contain, at a minimum a statement of applicable civil and criminal penalties. The Bales Mold Services IU permit lists potential monetary penalties but does not list any potential criminal penalties.	4.3 A.
	<u>DGSD Response</u> : A statement indicating that the District may seek applicable criminal penalties will be added to Bales permit when it is updated.	
403.8(f)(1)(iii)(B) (5)	The Rexnord IU permit does not include a statement on civil and criminal penalties.	4.3 A.
	<u>DGSD Response</u> : Section IV.D of the Rexnord IU permit is a statement on the civil penalties which matches Section 10.2 of the District's Pretreatment Ordinance. A statement indicating that the District may seek applicable criminal penalties will be added to Rexnord permit when it is renewed.	
403.8(f)(1)(vi)(A)	The IU permits do not have language, that the CA can seek or assess civil or criminal penalties of \$1,000 a day for each violation.	4.3 A.
	<u>DGSD Response</u> : Section IV.D of both the Bales and the Rexnord IU permits is a statement on the civil penalties which matches	

	Section 10.2 of the District's Pretreatment Ordinance. This specifically includes fines up to \$1,000 per day.	
403.8(f)(1)(ii)	Bales Mold Service, Inc. subject to 40 CFR 433.17 and the most stringent monthly and daily limit should be applied. Since sampling is done every 6 months, the most stringent limit – the monthly limit - applies for compliance purpose.	4.3 B.
	DGSD Response: The most stringent limit between local limits and categorical daily max limits will be shown in the permit for the Daily Maximum limit. The monthly average categorical limits will also be shown in the permit. These are two distinct and separate effluent limits that must be shown in the permit.	
	Both limits must be shown in the event there is more than one sampling event for any given pollutant in one month. Individual samples must be compared to the Daily Max Limit and all samples collected in one month must be averaged and compared to the categorical monthly average limit.	
403.8(f)(1)(ii)	The Rexnord Industries Permit is required to identify the most stringent categorical effluent limit (monthly limits) applied at the end of the process/pipe.	4.3 B.
	<u>DGSD Response</u> : The most stringent limit between local limits and categorical daily max limits will be shown in the permit for the Daily Maximum limit. The monthly average categorical limits will also be shown in the permit. These are two distinct and separate effluent limits that must be shown in the permit.	
403.8(f)(2)(v)(A) and (C)	DGSD did not sample TTOs at least once per permit cycle and a TOMP was not present for Bales Mold Service, Inc. and Rexnord. Hexavalent Chromium was not sampled.	4.3 C.
	DGSD Response: Both Bales and Rexnord will be asked to sample for 40 CFR 433 TTOs and be given the opportunity to request permission from the District to prepare a TOMP. Moving forward, DGSD will sample Bales and Rexnord discharges for 40 CFR 433 TTOs at least once a permit cycle.	
	In the future, DGSD and the industries will sample for hexavalent chromium.	
403.8(f)(2)(viii)	Rexnord's Chromium violation and Bales Mold Service, Inc.'s Nickel violation met TRC SNC criteria using the most stringent average monthly limit times 1.2 (TRC factor) but were not determined to be SNC.	4.3 D.
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	DGSD Response: All valid data collected at the compliance monitoring point for an SIU is to be used to determine compliance and therefore for calculating SNC. Rexnord only had a single daily max violation limit with the result for total chromium of 2.94 mg/L on 5/8/2020, which violates the daily max limit for total chromium of 2.77 mg/L, but not the TRC SNC limit of 3.32 mg/L. Three additional samples were taken in May of 2020, (5/21, 5/28, 5/29) all with results below the detection limit of 0.025 mg/L. This results in a monthly average in May of 0.75 mg/L total chromium, which is below the monthly average categorical limit of 1.71 mg/L and below the monthly average TRC Limit of 2.05 mg/L. In the future, DGSD will review all violations to determine whether they trigger TRC and are therefore in SNC.	
403.8(f)(2)(viii)	Bales Mold Service, Inc. and Rexnord's SNC violations were not published in a local newspaper. DGSD Response: As stated in the previous section, Rexnord was not in SNC. However, all future SNC violations will be published in	4.3 D.
	a local newspaper.	
403.8(f)(5)	DGSD did not follow the Enforcement Response Guide to designate a violation as SNC when those violations exceeded the Technical Review Criteria (TRC). A toxic pollutant violation meets the TRC SNC criteria when the measured value equals or exceeds 1.2 times the limit.	4.3 D.
	<u>DGSD Response</u> : As stated previously, Rexnord was not in SNC. However, DGSD will follow its Enforcement Response Guide in the future to designate violations as SNC when a TRC violation occurs.	
403.12(e) & (g)(1) & (h), 403.12(g)(5)	Not all regulated parameters are monitored and reported by IUs under categorical pretreatment standards. The Permits only required semiannually monitoring for Cadmium, Chromium, Copper, Nickel and Zinc. Silver monitoring is not required even through the local limit has changed.	4.3 E.
	DGSD Response: In Rexnord's permit renewal, all pollutants required to be monitored will be shown in the permit including the most stringent limit for each pollutant between categorical and local limits. Regulated pollutants will be monitored by the IU at least semi-annually.	

403.8(f)(2)(viii) (B)	SNC determinations for Bales Mold Service, Inc. and Rexnord did not consider the TRC criteria correctly.	4.3 E.
	DGSD Response: As stated previously, Rexnord was not in SNC. However, in the future, DGSD will review all violations to determine whether they meet TRC and are therefore in SNC.	

Program Recommendations

40 C.F.R. Part	Site Background & Inspection Observations & File Reviews	Report Section
403.8(f)(2)(v)(A) and (C)	CAs and CIUs are required to monitor TTOs at least once per permit cycle. This monitoring is also required semi-annually unless IUs prepare and DGSD approves a TOMP in which case compliance for the semiannual monitoring can be achieved with certification statements. DGSD, Bales Mold Service, Inc. and Rexnord. have not monitored for TTOs nor Hexavalent Chromium and did not have TOMPs.	4.3 C.
	DGSD Response: Both Bales and Rexnord will be asked to sample for 40 CFR 433 TTOs and if appropriate to submit a TOMP to DGSD for approval. If a TOMP is not approved, the IU will be required to monitor for TTOs semi-annually. If a TOMP is approved, the IU will be required to provide an Alternate to TTO Monitoring certification statement semi-annually and monitor for TTOs at least once a permit cycle. This will be addressed as appropriate in the renewed Rexnord permit and in the updated Bales permit.	
	In the future, DGSD will monitor both IUs for hexavalent chromium annually and for TTOs annually for IUs without a TOMP and at least once per permit cycle for IUs with a TOMP.	
403.8(f)(1)(ii)	The most stringent categorical effluent limit (monthly limits) is required to be applied at the end of the process/pipe to determine compliance.	4.3 B.
	DGSD Response: The most stringent limit between local limits and categorical daily max limits will be shown in the permit for the Daily Maximum limit. The monthly average categorical limits will also be shown in the permit. These are two distinct and separate effluent limits and must be shown in the permit.	

Please note the following clarifications to information included in the PCI report:

- In Section 3.B under Surcharge program, the brewery is "Alter Brewing Company", not "Ultra brewing". Alter is not the latest applicant to connect under the surcharge program. Other restaurants who are monitored under the surcharge program have connected since Alter did.

- In Section 4.E on Page 15, it was stated that the Control Authority did not provide Bales Mold Service, Inc. spill control plan for EPA Review. Bales Chemical Safety Contingency and Emergency Action Plan, which includes their spill-slug control plan, was made available to EPA during the PCI. EPA did not get through all the Bales files during the PCI and gave DGSD a list of documents to provide electronically so that EPA could review them at a later date. The spill-slug control plan was not on the list and was therefore not provided electronically.

We trust that this response reconciles the findings from the PCI. If you have any questions or comments, please contact me at the above phone number or at aunderwood@dgsd.org.

Very Truly Yours,

Amy R. Underwood, P.E. General Manager

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cc: Board of Trustees

Valerie Dooling, EPA (<u>dooling.valerie@epa.gov</u>) Reese Berry, DGSD Laboratory Supervisor Nichole Schaeffer, P.E., BCEE, Baxter & Woodman Board of Trustees Wallace D. Van Buren President Amy E. Sejnost Vice President Jeremy M. Wang Clerk



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Providing a Better Environment for South Central DuPage County

October 1, 2023

Stephanie Flowers, Rebecca Strauss Division of Legal Counsel Illinois Environmental Protection Agency 1021 North Grant Avenue East P.O. Box 19276 Springfield, Illinois 62794-9276

Sent Via: stephanie.flowers@illinois.gov; rebecca.strauss@illinois.gov;

Subject: NPDES Permit Number IL0028380 Support for 30-year SRF Loan Term

Dear Ms. Flowers and Ms. Strauss:

The Illinois Environmental Protection Agency is proposing to modify its State Revolving Fund (SRF) regulations, so that communities are allowed to obtain loans with a maximum term of 30 years, rather than the 20-year maximum that is currently allowed. The Downers Grove Sanitary District strongly supports that change, for several reasons. First, this change is consistent with recent changes to the Federal SRF program, under which 30-year loans are now allowed. Second, allowing communities to obtain 30-year loans will allow those communities to spread out the costs of funding clean water improvements over a longer time period, reducing the near-term economic burden on their ratepayers. Perhaps most importantly, changing the maximum loan terms to 30 years will allow Illinois communities to appropriately distribute the costs of clean water infrastructure across the generations that will ultimately benefit from that infrastructure. Instead of burdening today's ratepayers with all of the expense of constructing infrastructure that will last for decades, water utilities can now more equitably and sustainably finance long-term assets. For all of these reasons, we support the IEPA proposal to allow 30-year loan terms and urge that it be adopted.

In the draft SRF revisions, the 20-year period is maintained in Section 365.240.d for a restructured loan. Please confirm whether this was the intent when the initial loan was a 30-year loan. Section 365.240.e was deleted, so we believe it makes sense to change the language in Section 365.240.d to 30 years also.

General Manager Amy R. Underwood, P.E.

Legal CounselDaniel McCormick, P.C.

Thank you for your consideration.

Very Truly Yours,

Amy R. Underwood, P.E. General Manager

cc: Board of Trustees

Personnel

Brandon Morris has accepted the position as the Sewer System Engineering Technician and will start on Monday October 9. Please be sure to introduce yourself and welcome him to the District when you see him.

Curtiss Road Closure

Construction continues by the Village of Downers Grove on Curtiss Street between Katrine and Belmont. This work is expected to be completed by October 13. They will be detouring traffic westbound on Curtiss Street during that time. You may want to plan alternate routes to avoid the area during that time.

Open House

Open House is Saturday October 7 from 9 - noon. Your supervisor should have communicated your arrival time and what your duties will be. If you have any questions, please see your supervisor or Carly Shaw.

Employee Luncheon

To show appreciation for the staff's hard work and commitment to the Open House we are hosting a luncheon on Thursday, October 12 at 11:30 am in the MSB Garage. Los Arcos will provide the catering for this event.

Flu Shots

The District will again be offering free flu shots to all employees this year. These will take place October 11 from 1:30 pm - 2:30 pm in the Admin Center Board Room. There are flyers posted at the time clock in the MSB and Admin Center which include a QR code you can scan to schedule your time.

Voluntary Life Insurance

October 1 through November 30 is the open enrollment period for the Voluntary Group Life Plan from the National Conference on Public Employees Retirement Systems (NCPERS). This plan is available only through IMRF's participation in NCPERS and our participation in IMRF. The plan is underwritten by Prudential and administered by Member Benefits. This is not an IMRF plan. If you are **NOT** a current participant, please see information enclosed. If you are already enrolled, no action is needed, and your plan will continue. If you have questions, please contact Carly Shaw.

Employee Feedback

If you have any input on what could make our website better for employees or users, please share your ideas with Carly Shaw or Alyssa Caballero.

Remote SCADA Access from District Devices

Concentric has fixed the issue with accessing SCADA remotely from your District issued tablet or cell phone. You can now connect that device under the DGSD Mobile selection for Wi-Fi access and it will allow you to connect remotely to SCADA.

Illinois Wastewater Surveillance System

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

Sewer Rehabilitation/Infiltration and Inflow Removal

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

Status of Projects

1) 001 Outfall Pipe Repair

The outfall pipe is expected to be shipped the first week of November. Archon is coordinating with BNSF to schedule a flagger for when the work is performed.

2) Centex Lift Station Replacement

The contractor, Baxter & Woodman and District are working with ComEd to get service connected to the new equipment. Planning for putting the new station in service is underway.

3) Curtiss Street Trunk Sewer Rehabilitation

A preconstruction meeting was held with Visu-Sewer on October 5. Work is expected to start in December.

4) Venard Forcemain Replacement

Baxter & Woodman is preparing plans and specifications. Soil borings are expected to be taken soon.

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

Visu-Sewer has completed all the work.

6) 2023 Painting Services

The exterior work at College Lift Station is complete. G.P. Maintenance is waiting for dry weather to finish the interior work at College Lift Station. They will return to do the scheduled basement/tunnel work at the WWTC when the weather is cooler.

7) SCADA Platform Replacement (Ignition)

A meeting on SCADA graphics to get District buy-in on the style guide and example lift station screens was held on September 22.

8) Diesel Tank Replacement

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

9) Butterfield Lift Station

Baxter & Woodman is preparing a study on the Butterfield Lift Station.