DOWNERS GROVE SANITARY DISTRICT GENERAL MANAGER'S REPORT February 4, 2022

February Board Meeting

Copies of documentation for the following agenda items are enclosed for the February 8, 2022 meeting:

- 1) Proposed Agenda
- 2) Minutes of the January 18, 2022 regular meeting
- 3) Minutes of the January 18, 2022 Executive Session (Confidential under Separate Cover)
- 4) Claim Ordinance 1910
- 5) Resolution of Appreciation Paul Coultrap
- 6) Memo regarding Appointment of Assistant Clerk and Treasurer
- 7) Memo regarding Appointment of Authorized Agent for IMRF
- 8) Memo regarding revision to authorized bank account signer
- 9) Memo regarding final disposition of executive session records
- 10) Proposed FY 2022-23 Budget/Five Year Plan and Appropriation Ordinance
- 11) Memo regarding General Manager review (Confidential under Separate Cover)

BOLI Meeting

There is a no BOLI meeting this month.

Operations Reports

Copies of the following are enclosed for January 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 Jeff.
- 4) Progress Report from Bob 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 from Alex.

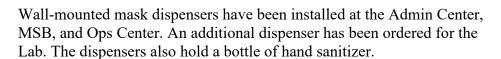
Infiltration/Inflow Removal Work

Inspection efforts on private property under the I/I program with the intention of conducting I/I removal is ongoing in the 1-K-028 (Cass and Burlington, WT) area. A map showing progress for this area is included here, as well as a status summary sheet.

Flow metering continues, including meters in the 1-M-050 (55th and Victor, DG) vicinity to evaluate post-rehabilitation and I/I reduction performance. Data collected during recent storms shows that the local system appears to be operating satisfactorily.

Safety Committee and Related Safety Matters

A Safety Committee meeting was held on January 27, 2022 via Microsoft Teams. Supervisors will take turns attending the 2022 monthly meetings. The goal with supervisor attendance is to ensure that time and resources are allocated to safety projects.







A new light fixture was installed above the time clock in the MSB. The new light remains on at all times and is not linked to the motion sensors for the other garage lighting. This will improve safety for employees who respond to overnight emergencies.

Committee members have continued to implement hazard mitigations for open incident reports.

Financial

A copy of the Investment Schedule as of January 31, 2022 is enclosed.

The Treasurer's Report for January 2022 covering the first nine months of FY 21-22 is included herein, along with a summary cover memo.

<u>Meetings</u>

I attended the following meetings since the January 14, 2022 General Manager's report:

- January 18 attended Metropolitan Mayor's Caucus Environment Committee and Energy Subcommittee Meeting: CEJA and IIJA
- January 18 attended CSWEA Local Arrangements Committee meeting
- January 18 attended IAWA Legislative Committee meeting
- January 28 attended IAWA Nutrient Subcommittee NARP meeting
- January 31 attended IAWA Legislative Committee meeting
- January 31 attended Illinois Business, Municipal and Institutional Clean Energy Coalition: CEJA Clean Up and Implementation Meeting
- January 31 attended CSWEA Local Arrangements Committee meeting

Miscellaneous

Copies of the following items are enclosed:

- 1) FYE 2021 Fiscal Report to IEPA dated January 18
- 2) Notice of Final Approval of Charleston Flushable Wipes Settlement dated January 25

- 3) Report to IEPA re: January 27 manhole overflow4) General Manager's Report to the Employees dated January 28
- 5) Corrections to 2021 WWTC Annual Report

cc: WDVB, AES, PWC, BOLI, MGP, CSS

DOWNERS GROVE SANITARY DISTRICT BOARD OF TRUSTEES MEETING FEBRUARY 8, 2022 – 7:00 PM BOARD ROOM

PROPOSED AGENDA

- I. APPROVAL OF MINUTES
 - A. REGULAR MEETING JANUARY 18, 2022
 - B. EXECUTIVE SESSION JANUARY 18, 2022
- II. APPROVAL OF CLAIM ORDINANCE NO. 1910
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
 - A. RESOLUTION OF APPRECIATION PAUL COULTRAP
 - B. APPOINTMENTS
 - 1. ASSISTANT CLERK AND TREASURER
 - 2. AUTHORIZED AGENT FOR IMRF
 - C. REVISION OF AUTHORIZED BANK ACCOUNT SIGNER
 - D. REVIEW AND FINAL DISPOSITION OF EXECUTIVE SESSION RECORDS
 - E. REVIEW OF FY 2022-23 BUDGET/FIVE YEAR PLAN AND APPROPRIATION ORDINANCE

VI. EXECUTIVE SESSION

To discuss employee compensation and performance per exception 2(c)1 of the Illinois Open Meetings Act.

PUBLIC COMMENT:

The District has an online form for the Public who cannot attend the meeting to submit public comment. District staff shall read aloud any received public comments during the Public Comment portion of the meeting. Public comments for Public not attending the meeting in person need to be submitted before 4:00 p.m. on February 8, 2022. 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, January 18, 2022, 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 and Amy E. Sejnost, General Manager Amy R. Underwood, and Attorney Michael G. Philipp. Trustee Paul W. Coultrap was absent. Due to the absence of Trustee Coultrap, Clerk of the District, Trustee Sejnost served as the Acting Clerk for this meeting.

Minutes of Regular Meeting – December 21, 2021

A motion was made by Trustee Sejnost seconded by Trustee Van Buren approving the minutes of the regular meeting held on November 16, 2021 and authorizing the President and Acting Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren and Sejnost.)

Minutes of Executive Session – December 21, 2021

A motion was made by Trustee Sejnost seconded by Trustee Van Buren approving the minutes of the executive session held on December 21, 2021 and authorizing the President and Acting Clerk to sign same. The motion carried. (Votes recorded: Ayes—Van Buren and Sejnost.)

Claim Ordinance No. 1909

A motion was made by Trustee Sejnost seconded by Trustee Van Buren adopting Claim Ordinance No. 1909 in the total amount of \$543,540.90 as presented and authorizing the President and Acting Clerk to sign same. The motion carried. (Votes recorded: Ayes—Van Buren and Sejnost.)

Public Comment – None

Old Business

General Manager Underwood presented the revised Schedule of Regular Meetings for Calendar Year 2022. A motion was made by Trustee Sejnost seconded by Trustee Van Buren approving the Schedule of Regular Meetings for Calendar Year 2022 as presented and directing staff to proceed with providing notice in accordance with the Open Meetings Act. The motion carried. (Votes recorded: Ayes–Van Buren and Sejnost.)

New Business

Wastewater Treatment Center Operations Summary for 2021

General Manager Underwood presented the 2021 Wastewater Treatment Center Performance Report. The report includes information and comparisons to prior years on flows, available remaining capacity, treatment provided, NPDES permit compliance, sludge quantities produced, biosolids disposal, utilities consumption, digester gas, chemical usage and an overall summary.

Collection System Performance Summary for 2021

General Manager Underwood presented the 2021 Collection System Performance Report as prepared by Sewer System Maintenance Supervisor Robert Swirsky. The report includes information regarding maintenance work progress, manhole overflows, sewer backups, public sewer blockages and building service blockages.

Collection System Construction Summary for 2021

General Manager Underwood presented the 2021 Collection System Construction Summary Report as prepared by Sewer Construction Supervisor Keith Shaffner. The report includes information regarding permits issued, annexations, Board of Local Improvements, Illinois EPA permits and public sewer main construction.

Collection System Work Plan for 2022

General Manager Underwood presented the Collection System Work Plan for 2022 as prepared by Sewer System Maintenance Supervisor Robert Swirsky. The report includes information on proposed work on the collection system during 2022 including cleaning and televising sewers, flow metering, the Private Property Infiltration and Inflow Removal Program and the Building Sanitary Service Repair Assistance Program and manhole inspections.

NPDES Permit Renewal

General Manager Underwood gave a presentation on the District's draft NPDES permit which is currently on Public Notice until February 2, 2022. The presentation focused on the significant changes between the previous permit and the proposed permit, which include a lower total residual chlorine limit, revised fecal coliform concentration limits, the addition of fecal coliform load limits, and an extension to the compliance date for phosphorus limits in exchange for additional watershed projects.

Amendment to Agreement with DuPage River Salt Creek Workgroup

General Manager Underwood presented a proposed Amendment to the Agreement with the DuPage River/Salt Creek Workgroup (DRSCW). The Amendment sets the annual dues and the additional project assessments the District would pay to the DRSCW in 2023, 2024 and 2025 to complete the additional watershed projects that will be required by the District's new NDPES permit when it is issued.

A motion was made by Trustee Sejnost seconded by Trustee Van Buren to approve the Amendment to the Agreement between DGSD and the DRSCW for an extension to the DRSCW local funding program to complete alternate stream restoration projects and for the President and Acting Clerk to sign the same. The motion carried. (Votes recorded: Ayes- Van Buren and Sejnost.)

Other New Business

Trustee Van Buren inquired about delinquent bills and how they are being handled since Clay

Campbell has left. He inquired about the natural gas line leak to the belt filter press building, noted in Maintenance Supervisor Barta's report. He appreciated the planning that went into rebuilding and replacing the Digester 4 gas compressor. He inquired about the analysis mentioned in Staff Engineer Bielawa's report on replacement of the hypochlorite generator (OSEC) versus purchasing bulk hypochlorite. He noted the December 28 email to District employees regarding procedural changes due to increase in COVID cases. Trustee Van Burn commended the work employees did to repair the force main break near Venard Lift Station, noted in Maintenance Supervisor Barta's report. Lastly, he inquired about the status of hiring a new Administrative Supervisor.

Trustee Sejnost inquired about the No Surprises Act.

Executive Session – Employee Compensation

A motion was made by Trustee Sejnost seconded by Trustee Van Buren to recess the regular meeting and convene an executive session at 7:40 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the compensation of specific employees of the District. The motion carried. (Votes recorded: Ayes-Van Buren and Sejnost.)

A motion was made by Trustee Sejnost seconded by Trustee Van Buren to reconvene the regular meeting at 7:47 p.m. The motion carried. (Votes recorded: Ayes- Van Buren and Sejnost.)

A motion was made by Trustee Sejnost seconded by Trustee Van Buren to adjourn the regular meeting at 8:04 p.m. The motion carried.

Approved: February 8, 2022		
	President	
Attest:		
Clerk		

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

Downers Grove, Illinois

Date: February 8, 2022

Claim Ordinance No. 1910

An Ordinance Providing for the Payment of Certain Claims.

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

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

That the following claims be and they are hereby approved and ordered paid and that an order be drawn on the Treasurer of said District out of the funds shown below. Said claims, totaling \$511,472.58 being in words and figures as follows:

02/28/22

Payroll Ending Date: 01/08/22 Payroll Paid Date: 01/14/22

GL Date:

DATE 01/13/22 PERIOD ENI

PERIOD END 01/08/22 PAGE 5

G/L NUMBER COST DESCRIPTION DEBIT CREDIT ______ 01-00.1001 CASH - PAYROLL ACCOUNT 55132.08-01-00.2000 FEDERAL TAX WITHHELD 9497.05-01-00.2001 STATE TAX WITHHELD 3973.96-SOCIAL SECURITY WITHHELD 01-00.2002 6571.64-01-00.2003 IMRF WITHHELD 3865.69-01-00.2013 CREDIT UNION WITHHELD 2419.00-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 3293.73-01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 218.50-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 1186.33-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 396.95-01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 279.36-01-00.2027 DEFERRED COMPENSATION WITHHELD - IPPFA ROTH 240.00-01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 234.80-GENERAL MANAGEMENT 392.05 01-11.A003 01-11.A004 FINANCIAL RECORDS 7146.39 01-11.A005 ADMINISTRATIVE RECORDS 459.15 01-11.A006 ENGINEERING 459.23 01-11.A007 CODE ENFORCEMENT 5295.33 01-11.A008 SAFETY ACTIVITIES 1334.38 01-11.A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE 175.00 01-12.A006 ENGINEERING 1441.26 MAINTENANCE - WWTC 01-12.A011 12542.68 01-12.A014 MAINTENANCE - ELECTRICAL 7616.35 01-12.A021 WWTC - OPERATIONS 17872.06 01-12.A022 WWTC - SLUDGE HANDLING 5091.34 WWTC - ENERGY RECOVERY 01-12.A023 360.91 01-12.A030 BUILDING AND GROUNDS 3998.72 01-13.A041 LAB - WWTC 5604.98 LAB - ENERGY RECOVERY 01-13.A048 62.90 01-14.A006 ENGINEERING 282.60 01-14.A051 SEWER MAINTENANCE 5943.16 01-14.A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS 942.33 01-14.A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS 4200.49 01-14.A063 INSPECTION - PERMIT INSPECTIONS 127.24 01-14.A064 INSPECTION - MISCELLANEOUS 282.16 01-14.A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES 2192.96 01-14.A066 INSPECTION - CODE ENFORCEMENT 2981.66 01-14.A072 SEWER INVESTIGATIONS 176.35 01-15.A006 ENGINEERING 77.72 01-15.A080 LIFT STATION MAINTENANCE 249.69 87309.09 87309.09GENERAL LEDGER RECAP

Payroll Ending Date: 01/15/22 Payroll Paid Date: 01/18/22 GL Date: 02/28/22

DATE 01/18/22 PERIOD END 01/15/22 PAGE 4

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		18413.20-
01-00.2000	FEDERAL TAX WITHHELD		3173.94-
01-00.2001	STATE TAX WITHHELD		1312.55-
01-00.2002	SOCIAL SECURITY WITHHELD		2167.46-
01-00.2003	IMRF WITHHELD		1274.97-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1282.26-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		64.50-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		332.69-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		144.90-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		440.44-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A003	GENERAL MANAGEMENT	6255.26	
01-11.A004	FINANCIAL RECORDS	29.47	
01-11.A007	CODE ENFORCEMENT	8426.46	
01-12.A006	ENGINEERING	88.42	
01-12.A009	OPERATIONS MANAGEMENT	4345.70	
01-12.A011	MAINTENANCE - WWTC	4433.45	
01-12.A014	MAINTENANCE - ELECTRICAL	61.39	
01-12.A021	WWTC - OPERATIONS	108.94	
01-12.A023	WWTC - ENERGY RECOVERY	54.72	
01-12.A030	BUILDING AND GROUNDS	184.73	
01-12.A085	INCENTIVE	200.00	
01-13.A009	OPERATIONS MANAGEMENT	3561.36	
01-13.A041	LAB - WWTC	104.90	
01-13.A042	LAB - PRETREATMENT	262.01	
01-13.A043	LAB - SURCHARGE PROGRAM	261.53	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	58.95	
01-15.A009	OPERATIONS MANAGEMENT	246.68	

28683.97 28683.97-

PERIOD END 01/22/22 PAGE 5

Payroll Ending Date: 01/22/22

Payroll Paid Date: 01/28/22

02/28/22

GL Date:

CREDIT G/L NUMBER COST DESCRIPTION DEBIT ______ 01-00.1001 CASH - PAYROLL ACCOUNT 53704.19-01-00.2000 FEDERAL TAX WITHHELD 9057.46-01-00.2001 STATE TAX WITHHELD 3879.97-01-00.2002 SOCIAL SECURITY WITHHELD 6421.47-01-00.2003 IMRF WITHHELD 3753.44-01-00.2013 CREDIT UNION WITHHELD 2419.00-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 3298.37-01-00.2017 VOLUNTARY GROUP LIFE 208.00-01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 218.50-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 1186.33-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 396.95-01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 327.01-01-00.2027 DEFERRED COMPENSATION WITHHELD - IPPFA ROTH 240.00-DC PLAN LOAN REPAYMENT WITHHELD 01-00.2028 234.80-01-11.A003 GENERAL MANAGEMENT 1077.92 01-11.A004 FINANCIAL RECORDS 7498.22 01-11.A005 ADMINISTRATIVE RECORDS 625.25 01-11.A006 ENGINEERING 56.52 01-11.A007 CODE ENFORCEMENT 4999.65 01-11.A008 SAFETY ACTIVITIES 1656.36 01-11.A085 INCENTIVE 225.00 01-11.A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE 150.00 01-12.A006 ENGINEERING 1865.16 01-12.A011 MAINTENANCE - WWTC 14984.30 01-12.A014 MAINTENANCE - ELECTRICAL 6954.85 01-12.A021 WWTC - OPERATIONS 15545.11 01-12.A022 WWTC - SLUDGE HANDLING 1873.68 WWTC - ENERGY RECOVERY 01-12.A023 498.63 01-12.A030 BUILDING AND GROUNDS 6124.10 01-13.A041 LAB - WWTC 5422.12 01-14.A006 ENGINEERING 113.04 5922.40 01-14.A051 SEWER MAINTENANCE 01-14.A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS 441.97 01-14.A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS 2295.00 01-14.A063 INSPECTION - PERMIT INSPECTIONS 309.77 01-14.A064 INSPECTION - MISCELLANEOUS 969.93 01-14.A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES 1866.94 01-14.A066 INSPECTION - CODE ENFORCEMENT 3074.53 01-14.A072 SEWER INVESTIGATIONS 229.26 01-14.A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE 12.50 01-15.A006 ENGINEERING 226.08 01-15.A080 LIFT STATION MAINTENANCE 327.20

85345.49

85345.49-

GENERAL LEDGER RECAP

DATE 02/02/22 PERIOD END 01/31/22 PAGE 4

Payroll Ending Date: 01/31/22 Payroll Paid Date: 02/02/22 GL Date: 02/28/22

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
	CASH - PAYROLL ACCOUNT		22017.06-
01-00.2000	FEDERAL TAX WITHHELD		3312.76-
01-00.2001	STATE TAX WITHHELD		1496.97-
01-00.2002	SOCIAL SECURITY WITHHELD		2498.24-
01-00.2003	IMRF WITHHELD		1267.05-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1268.30-
01-00.2017	VOLUNTARY GROUP LIFE		64.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		64.50-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		332.69-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		144.90-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		440.44-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A001	TRUSTEES	4500.00	
01-11.A003	GENERAL MANAGEMENT	2924.71	
01-11.A004	FINANCIAL RECORDS	3480.18	
01-11.A005	ADMINISTRATIVE RECORDS	48.37	
01-11.A007	CODE ENFORCEMENT	8426.46	
01-12.A006	ENGINEERING	48.37	
01-12.A009	OPERATIONS MANAGEMENT	3984.08	
01-12.A011	MAINTENANCE - WWTC	4568.73	
01-12.A014	MAINTENANCE - ELECTRICAL	247.82	
01-12.A021	WWTC - OPERATIONS	362.28	
01-12.A023	WWTC - ENERGY RECOVERY	45.10	
01-12.A030	BUILDING AND GROUNDS	109.70	
01-13.A009	OPERATIONS MANAGEMENT	2724.54	
01-13.A041	LAB - WWTC	183.22	
01-13.A042	LAB - PRETREATMENT	411.87	
01-13.A043	LAB - SURCHARGE PROGRAM	91.37	
01-13.A044	LAB - BOD	91.37	
01-13.A045	LAB - SOLIDS	183.22	
01-13.A086	VACATION BUYOUT	504.21	
01-14.A006	ENGINEERING	48.37	

32983.97 32983.97-

===== VENDOR ======	======	===== IN	VOICE =====					
JAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
A-LEN RADIATOR & AUTOMOTIVE	A000070	01/07/22	61859	01-12.C225	Flywheel Replc F250	1219.17	1219.17	063376
ACI Payments Inc.	A000096	01/21/22	10000063148	01-11.B110	OLR Fees	37.10	37.10	103764
ADVOCATE OCCUPATIONAL HEALTH	A000150	01/05/22	814904	01-12.B117	Drug Screening	89.00		
		01/05/22	814904	01-14.B117	Drug Screening	27.00	116.00	063377
ALLAN J COLEMAN	A000245	01/20/22	0258552	01-14.B115	Camera Repair	1207.42	1207.42	063378
ALLIED GARAGE DOOR, INC.	A000253	09/27/21	0000178790	01-12.B804	Grit Bldg Roll Up Dr Cvr	3574.44	3574.44	063379
ALTORFER INDUSTRIES, INC.	A000292	01/19/22	P6AC0024441	01-12.B812	Hyd Motor Salt Spreader	679.11	679.11	103765
SYNCHB/AMAZON	A000295	01/12/22	438957655977	01-11.B113	Face Masks	19.95		
		01/10/22	459359873363	01-11.B113	Cleats	26.99		
		12/12/21	469748478539	01-12.B507	ABS 2 Blower Battery	118.72		
		01/24/22	469773443995	01-12.B117	EB Boots	269.00		
		01/11/22	474394789348	01-11.B118	Admin Smoke and CM Detctr	12.59		
		01/24/22	498593478389	01-11.B113	KN95 Face Masks	135.98		
		01/15/22	596988443483	01-11.B113	Scarf Face Masks	102.10		
		01/10/22	653679349599	01-11.B113	Credit for Damaged Cleats	22.17-		
		01/05/22	656958767467	01-14.B117	OA Outerwear	44.99		
		01/14/22	685936845348	01-11.B113	Credit for Missing Mask	13.99-		
		01/23/22	687487686548	01-11.B113	KN95 Face Masks	62.99		
		01/08/22	759774758393	01-11.B113	Face Masks/Cloth	113.12		
		01/29/22	783667398867	01-12.B117	GC Replacement	100.00		
		01/07/22	798358564936	01-11.B113	Face Masks	19.70		
		01/09/22	897694596547	01-11.B113	Scarf Face Masks	59.96		
		01/19/22	975433445546	01-12.B117	NP Outerwear	169.99	1219.92	063380
ATLAS TOYOTA MATERIAL HANDLING	A000525	01/12/22	L53695	01-12.B512	Forklift Parts	243.17		
		01/13/22	L54075	01-12.B512	Returned Parts	18.02-		
		01/18/22	L54076	01-12.B512	Forklift Parts	26.39		
		01/20/22	L54403	01-12.B512	Forklift Parts	26.21	277.75	103766
AUTOZONE - AZ COMMERCIAL	A000600	02/01/22	25760003018	01-11.C225	Auto Parts	44.18		
		02/01/22	25760003018	01-12.C225	Auto Parts	125.32		
		01/13/22	2576991317	01-12.B513	Batteries Stanly Pwr Pcks	258.38		
		01/14/22	2576991854		Auto Parts	6.09		
		01/25/22	2576998609	01-12.B116	Windshield Washer Fluid	11.37	445.34	063381
BALES ACE HARDWARE	в000030	01/19/22	039613-1	01-14.B116	SS Repair Parts	61.73	61.73	063409
BAXTER & WOODMAN, INC.	в000120	01/21/22	0230774	01-14.B124	Flow Monitoring	62.28		
		01/21/22	0230787	01-11.B124	Sewer Modeling	2231.25		
		01/21/22		01-11.B124	Admin Misc Engineer Serv	984.82		
		01/21/22	0230799	01-15.B827	Venard LS Engineer Serv	2315.00	5593.35	103767
RITTON ELECTRONICS &	B000340	01/25/22	2229096		Belt Prs Feed Sldg Part	908.24	908.24	103768
BRUCKER COMPANY	в000400	01/12/22		01-12.B507		783.40	783.40	103769
SUMPER TO BUMPER WHEATON	в000460		470-178077		Windshield Washer Fluid	39.00	39.00	063410
CDW GOVERNMENT, INC.	C000020	01/13/22			LS UPS Batteries	1108.71	1108.71	103770
CAREERSAFE	C000087		CS-472135		OSHA Course	50.00	50.00	063411
-								
PERTIFIED BALANCE & SCALE CORP	C000130	01/18/22	24987	01-13.B115	Lab Equip Maintenance	1268.00	1268.00	063382
CERTIFIED BALANCE & SCALE CORP		01/18/22 12/31/21			Lab Equip Maintenance MSB Sprklr Head Replace	1268.00 962.00	1268.00	063382
CERTIFIED BALANCE & SCALE CORP CHICAGO METROPOLITAN FIRE	C000130	12/31/21	24987 IN00374153 IN00375853	01-12.B812	Lab Equip Maintenance MSB Sprklr Head Replace Fire Alarm Maintenance	1268.00 962.00 60.00	1268.00	063382 063383

===== VENDOR =====		===== IN	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		01/11/22	4107358023	01-14.B117	SS Uniform Rental	13.09		
		01/18/22	4108006922	01-12.B117	WWTC Uniform Rental	77.20		
		01/18/22	4108006922	01-14.B117	SS Uniform Rental	13.09		
		01/25/22	4108695270	01-12.B117	WWTC Uniform Rental	77.20		
		01/25/22	4108695270	01-14.B117	SS Uniform Rental	13.09		
		02/01/22	4109373812	01-12.B117	WWTC Uniform Rental	77.20		
		02/01/22	4109373812	01-14.B117	SS Uniform Rental	13.09	361.16	063384
Comcast	C000375	02/01/22	932769982	01-11.B112	Fiber Internet Service	830.00	830.00	063385
COMED	C000380	01/14/22	0055025057	01-15.B100	College LS Elec	275.19		
		01/14/22	0068029014	01-15.B100	Centex LS Elec	115.20		
		01/14/22	0120089072	01-15.B100	Wroble LS Elec	474.35		
		01/14/22	0458029046	01-15.B100	Liberty Park LS Elec	286.89		
		01/24/22	0562080004	01-15.B100	Venard LS Elec	361.38		
		01/14/22	1095091170	01-15.B100	Northwest LS Elec	736.11		
		01/14/22	1810068039	01-15.B100	Earlston LS Elec	201.43		
		01/14/22	3240038012	01-15.B100	Butterfield LS Elec	132.15		
		01/14/22	4657083017	01-15.B100	Hobson LS Elec	1206.69		
		01/26/22	6770572011	01-00.2005	BSSRAP Yard Elec Use	227.07		
		01/26/22	6770572011	01-12.B100	Walnut House Elec	76.46		
		01/26/22	8762083052	01-12.B100	Big Top Elec	110.24	4203.16	063386
CONCENTRIC INTEGRATION, LLC	C000410	01/21/22	0230804	01-11.B115	Admin Support Services	1059.96		
		01/21/22	0230804	01-12.B513	WWTC Support Services	2152.04		
		01/21/22	0230819	01-11.B115	Admin T&M Support	2052.00		
		01/21/22	0230819	01-12.B513	WWTC T&M Support	342.00		
		01/21/22	0230819	01-15.B520	Butterfield LS T&M Suppor	308.75	5914.75	103771
CORE & MAIN LP	C000485	01/07/22	Q173096	01-14.B913	Cleanout Box With Lid	1074.00		
		01/14/22	Q200240	01-14.B116	SS Repair Parts	237.98	1311.98	063387
CURTIS MARTIN GROUP, INC.	C000660	01/24/22	8270	01-11.B115	Billing Portal Coordinatn	700.00		
		02/01/22	8279	01-11.B115	Billing Portal Coordinatn	700.00	1400.00	103772
DELTA SONIC	D000220	12/31/21	10447838	01-11.C222	Admin Vehicle Wash	8.33		
		12/31/21	10447838	01-12.C222	WWTC Vehicle Wash	42.49		
		12/31/21	10447838	01-14.C222	SS Vehicle Wash	24.99	75.81	063388
VILLAGE OF DOWNERS GROVE	D000480	01/07/22			Admin Vehicle Fuel	101.16		
		01/07/22	173656	01-12.B812	Gas Can Fuel	84.48		
		01/07/22	173656	01-12.C222	WWTC Vehicle Fuel	1865.54		
		01/07/22	173656		Lab Vehicle Fuel	89.87		
		01/07/22	173656	01-14.C222	SS Vehicle Fuel	944.01		
		01/20/22	173675		Meter Readings	424.04		
			UN-000019		Underground Storage Licns	205.00	3714.10	063389
DUPAGE COUNTY RECORDER	D000620		40381873		Lien Release Docs	11.00	11.00	063390
EJ EQUIPMENT, INC.	E000030	01/12/22			Vac-Con Ball Valve	79.15	79.15	063391
ESRI	E000050		94177978		ArcGIS Annual Fees	1900.00	1900.00	063392
FIRST ENVIRONMENTAL LAB	F000140	01/14/22			FOG Samples	25.20	1,00.00	000002
TIME DAVINGHIAN DAD	1000140	01/14/22			Biosolids Testing	229.20	254.40	103773
FOSTERS TRUCK REPAIR	F000270	12/21/21			SS Vehicle Safety Lane	60.50	60.50	063393
								063393
G COOPER OIL COMPANY INC.	G000005	01/12/22	343/3	01-12.B116	OII DIUMS	1247.40	1247.40	003394

NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
W. W. GRAINGER, INC.	G000520	01/10/22	9172059892	01-11.B113	See Sheet	80.00		
		01/10/22	9172615479	01-12.B512	See Sheet	203.70		
		01/10/22	9172646482	01-12.B513	See Sheet	21.37		
		01/10/22	9173202988	01-12.B812	See Sheet	112.40		
		01/12/22	9176020924	01-12.B113	See Sheet	2.28		
		01/12/22	9176449149	01-12.B512	See Sheet	11.42		
		01/13/22	9176795558	01-12.B512	See Sheet	380.70		
		01/13/22	9176911593	01-14.B113	See Sheet	21.51		
		01/13/22	9177473619	01-12.B116	See Sheet	23.75		
		01/13/22	9177881555	01-12.B807	See Sheet	68.40		
		01/13/22	9178282621	01-12.B512	See Sheet	64.93		
		01/14/22	9178584919	01-12.B802	See Sheet	205.99		
		01/17/22	9180253842	01-12.B513	See Sheet	34.41		
		01/19/22	9182723289	01-12.B812	See Sheet	257.66		
		01/21/22	9185778959	01-12.B511	See Sheet	48.55		
		01/21/22	9185778967	01-12.B512	See Sheet	53.00		
		01/21/22	9186512803	01-12.B113	See Sheet	2.55		
		01/21/22	9186853272	01-13.B114	See Sheet	65.30		
		01/24/22	9187486643	01-12.B512	See Sheet	40.77		
		01/25/22	9190393497	01-12.B116	See Sheet	52.20		
		01/25/22	9190622770	01-12.B512	See Sheet	10.75		
		01/25/22	9190749516	01-12.B512	See Sheet	228.30		
		01/26/22	9191637264	01-13.B117	See Sheet	78.45		
		01/27/22	9192971993	01-14.B113	See Sheet	19.89		
		01/28/22	9194690427	01-12.B116	See Sheet	2.32	2090.60	103774
HACH COMPANY	н000040	01/31/22	12862411	01-13.B114	Lab Chemicals	223.44		
		02/01/22	12865128	01-14.B115	Flow Meter Repair	1917.50		
		02/01/22	12865135	01-14.B115	Flow Meter Repair	1917.50	4058.44	103775
HARRINGTON IND. PLASTICS LLC	н000090	01/24/22	023Н3573	01-12.B508	TWAS Pump Part	87.78	87.78	103776
HOME DEPOT	н000400	01/25/22	2021282	01-12.B509	See Sheet	75.90		
		01/25/22	2021283	01-12.B512	See Sheet	11.94		
		01/25/22	2021284	01-12.B116	See Sheet	11.96		
		01/13/22	4015038	01-12.B505	See Sheet	153.04		
		01/13/22	4020318	01-14.B116	See Sheet	12.97		
		02/01/22	5021824	01-12.B809	See Sheet	176.07		
		02/01/22	5201757	01-12.B811	See Sheet	80.55-		
		02/01/22	5361618	01-12.B811	See Sheet	5.52		
		01/21/22	6042204	01-12.B812	See Sheet	44.94		
		01/31/22	6624770	01-12.B510	See Sheet	203.78		
		01/20/22	7010138	01-12.B116	See Sheet	28.14		
		01/20/22	7020863	01-12.B811	See Sheet	199.09		
		01/19/22	8521597	01-12.B116	See Sheet	78.35		
		01/18/22	9041970	01-12.B812	See Sheet	82.97		
		01/18/22	9041971	01-12.B117	See Sheet	12.88	1017.00	063395
IDEA MARKETING GROUP	1000030	02/01/22	R-12022	01-11.B115	Web Hosting February	95.00		
		01/01/22	R11909	01-11.B115	Web Hosting January	95.00	190.00	063396

====== VENDOR ======	=======	===== 11	VOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
IMPACT NETWORKING INC.	1000400	01/18/22	2403759	01-11.B115	Copier	67.33	67.33	103777
INFOSEND, INC.	I000415	01/31/22	206300	01-11.B121	Customer Bill Mailings	4207.70	4207.70	103778
ISTHA	I000470	01/14/22	G1210005117	01-11.C222	Admin Tolls	37.70		
		01/14/22	G1210005117	01-12.C222	WWTC Tolls	226.20		
		01/14/22	G1210005117	01-13.C222	Lab Tolls	17.00		
		01/14/22	G1210005117	01-14.C222	SS Tolls	90.80	371.70	063412
J.J. Keller & Associates, Inc	. J000011	01/25/22	9106666588	01-11.B113	Concealed Carry Sign	12.89	12.89	063413
JULIE, INC.	J000250	01/10/22	2022-0473	01-14.B127	Julie Service	3982.91	3982.91	063414
KIPP'S LAWNMOWER SALES	K000180	01/19/22	503274	01-12.B513	Stanley Pwr Pk Repair	70.58	70.58	063397
LAI, LTD	L000012	01/25/22	22-18930	01-12.B510	Dig 4&5 Sludge Valves	3330.00	3330.00	103779
MARC MAJEWSKI	M000110	01/20/22	Reimburse	01-12.B112	Crew Msg & Schedule App	318.74	318.74	103780
MCMASTER-CARR SUPPLY COMPANY	M000360	01/11/22	71045683	01-12.B512	Port Welder Parts	151.56		
		01/26/22	71927425	01-12.B511	Filter 5 Parts	24.49	176.05	103781
M.E. SIMPSON CO, INC.	M000400	12/31/21	37951	01-14.B913	FMV Bend 005 Leak Locate	495.00	495.00	063415
MICHAEL G PHILIPP, PC	M000510	01/06/22	1427	01-11.B124	Legal Services	855.00	855.00	063398
MICRO CENTER	M000550	01/20/22	5654868	01-12.B513	UPS for Scada Panels	319.96	319.96	103782
MIDAMERICAN ENERGY SERVICES,	LLM000554	12/01/21	462554	01-12.B100	WWTC Elec	2696.26	2696.26	103783
MOTION INDUSTRIES, INC.	M000750		IL10-727890	01-12.B512	CHP 2 Part	61.64	61.64	103784
MARK J NELSON	N000190		Reimburse	01-14.B910	BSSRAP Repair Reimburse	2689.57	2689.57	063416
NEPTUNE CHEMICAL PUMP COMPANY		02/03/22		01-12.B513	CHP 1&2 Supplies	245.84	245.84	063399
NICOR GAS	N000330		15876210004		Plant 1 Gas	497.70	213.01	003333
1170011 0110	1,000330		44976210003		Chem Feed Gas	388.75		
		01/13/22	51006900008		Plant 2 Gas	287.05		
			54976210002	01-12.B101 01-11.B101		324.21		
		01/13/22	87801017812	01-12.B101	Walnut House Gas	275.21	1772.92	063400
NISSEN ENERGY INC	N000350	01/13/22	256	01-12.B101 01-12.B513	CHP 1&2 Spark Plugs	2121.76	1//2.92	003400
NISSEN ENERGI INC	N000330		258	01-12.B513 01-12.B513				
		01/20/22			CHP Turbo Replacement CHP 2 Expansion Tank	9830.89	12004 70	102705
220 2111 100 201	D000010	01/24/22			-	142.05	12094.70	103785
PACE ANALYTICAL	P000010		2240111729		Jan NPDES Testing	115.00	115.00	103786
PACKEY WEBB FORD	P000020	01/21/22			Auto Parts	46.80	46.80	103787
PIRTEK O'HARE	P000380		BO-T00007662		SS Repair Parts	36.45		
			BOT00007658		Auger Parts	985.94	1022.39	063401
POLYDYNE INC.	P000395	01/28/22			Belt Press Polymer	2515.14	2515.14	103788
PORTABLE JOHN, INC	P000410	02/02/22			Port A Potty WWTC	187.07	187.07	103789
PORTER PIPE AND SUPPLY CO.	P000420		12343655-00		Raw Sewage Sump Parts	297.93	297.93	103790
PRINCIPAL LIFE INSURANCE CO	P000650	01/18/22	1093099		Dental Insurance	2709.29	2709.29	103791
RAINBOW ELECTRIC, LLC	R000070	01/25/22		01-12.B505	<u> </u>	3411.57	3411.57	103792
RENTALMAX ADMINISTRATION	R000250	01/20/22	515679-5	01-12.B116	Fork Lift Fuel	33.69		
		02/01/22	516394-5	01-12.B809	Belt Prs Bldg Gas Piping	169.12	202.81	063417
Republic Services #551	R000264	01/15/22	305513001136	01-12.B102	Grit Dumpster Rental Fee	76.20	76.20	063402
ROADSAFE	R000360	12/31/21	RT347371	01-14.B910	Traffic Control BSSRAP	1600.00		
		12/31/21	RT347373	01-14.B910	Traffic Control BSSRAP	2100.00	3700.00	063403
ROYAL GRAPHICS INC	R000500	01/13/22	98861	01-11.B120	Envelopes & Letterhead	802.00	802.00	063404
SEAWAY SUPPLY CO.	S000200	01/13/22	177698-01	01-12.B116	MSB Supplies	27.50		
		01/17/22	178123	01-12.B116	MSB Supplies	336.24		
		01/22/22	178123-01	01-12.B116	MSB Supplies	107.88		



====== VENDOR =====	=======	===== IN	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		01/20/22	178294	01-12.B116	MSB Supplies	88.75		
		02/01/22	178821	01-12.B116	MSB Supplies	136.90		
		02/01/22	178822	01-13.B116	Lab Supplies	32.00	729.27	103793
STAPLES INC.	S000640	12/22/21	3496695489	01-11.B116	Office Supplies	57.83	57.83	103794
STEPHENS PLUMBING AND	S000680	01/20/22	242976	01-14.B910	Shear Repair	386.40	386.40	063405
TERRACE SUPPLY COMPANY	T000250	02/01/22	70522319	01-12.B116	Cylinder Rentals	103.21		
		02/01/22	70522351	01-12.B113	Welding Supplies	38.47	141.68	103795
TRI-K, INC.	T000535	01/19/22	118111	01-12.B103	Odor Control	679.00	679.00	103796
UNO CONSTRUCTION CO., INC.	U000450	01/31/22	7	01-14.B910	BSSRAP Projects	63292.66	63292.66	103797
VWR INTERNATIONAL INC.	V000030	01/21/22	8807329845	01-13.B114	Lab Chemicals	282.02	282.02	063406
WAGNER COMMUNICATIONS, INC	W000070	02/01/22	220200062	01-11.B112	Answering Service	301.50	301.50	103798
WASTE MANAGEMENT	W000170	01/31/22	144357292370	01-12.B102	Garbage & Recycling	396.86	396.86	063418
WESTFAX	W000350	02/01/22	1386675	01-11.B112	EFax Service	8.99	8.99	103799
VILLAGE OF WESTMONT	W000450	01/13/22	717389	01-11.B121	Meter Readings	370.01	370.01	063407
WILLOW RIDGE GLASS & MIRROR	W000620	01/12/22	DGSD01212022	01-12.B810	Dig Cntrl Bldgs Windw Rep	2000.00		
		01/12/22	DGSD01212022	01-12.B812	Ops Center Window Replace	250.00	2250.00	063408
							=======	
					Total Payments:	166169.12	166169.12	
					ACH Payments Total:	120959.74	.00	
				Ch	eck Payments Total:	45209.38	166169.12	



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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CHASE	в000050	01/18/22	PR 01/08/22	01-00.2000	Federal Taxes	9497.05		
		01/18/22	PR 01/08/22	01-00.2002	Empl Soc Sec Tax	6571.64		
		01/18/22	PR 01/08/22	01-17.E461	Emplr Soc Sec Tax	6571.71	22640.40	103741
CHASE	в000050	01/19/22	SPR 01/15/22	01-00.2000	Federal Taxes	3173.94		
		01/19/22	SPR 01/15/22	01-00.2002	Empl Soc Sec Tax	2167.46		
		01/19/22	SPR 01/15/22	01-17.E461	Emplr Soc Sec Tax	2167.45	7508.85	103742
CHASE	B000050	01/31/22	PR 01/22/22	01-00.2000	Federal Taxes	9057.46		
		01/31/22	PR 01/22/22	01-00.2002	Empl Soc Sec Tax	6421.47		
		01/31/22	PR 01/22/22	01-17.E461	Emplr Soc Sec Tax	6421.46	21900.39	103750
CHASE	B000050	02/03/22	SPR 01/31/22	01-00.2000	Federal Taxes	3312.76		
		02/03/22	SPR 01/31/22	01-00.2002	Empl Soc Sec Tax	2498.24		
		02/03/22	SPR 01/31/22	01-17.E461	Emplr Soc Sec Tax	2498.25	8309.25	103756
BAUM DOWNERS GROVE LLC	в000090	01/25/22	Refund	01-05.3001	Refund On Acct	826.66	826.66	063373
BROOK HILL APTS	B000360	01/25/22	Refunds	01-05.3001	Refund on Accts	8299.57	8299.57	063374
DISCOUNT TIRE	D000260	01/19/22	Multiple	01-14.C225	Tires SS Trucks	2415.00	2415.00	063372
D.G. SANIT DIST #XXXXXXXXX1113	7 D000400	02/09/22	Reimburse	01-00.1001	PR Acct Reimburse	149266.53	149266.53	103759
D.G. SANIT DIST #XXXXXXXXX1114	4 D000420	02/09/22	Reimburse	01-05.3001	User Refund Acct Reimburs	2986.17	2986.17	103760
D.G. SANIT DIST #XXXXXXXXX1112	2 D000440	02/09/22	Reimburse	01-12.B116	MSB Supplies	131.48		
		02/09/22	Reimburse	01-14.B910	BSSRAP Rodding Refunds	3275.95		
		02/09/22	Reimburse	01-14.C225	Motor Oil	59.98	3467.41	103761
DUPAGE CREDIT UNION	D000650	01/14/22	PR 01/08/22	01-00.2013	Empl Authorized W/Holding	2419.00	2419.00	103740
DUPAGE CREDIT UNION	D000650	01/28/22	PR 01/22/22	01-00.2013	Empl Authorized W/Holding	2419.00	2419.00	103749
HEALTH CARE SERVICE CORP.	н000190	01/26/22	165585	01-17.E455	Health Insurance	46669.40	46669.40	103748
HUDSON ENERGY SERVICES, LLC	н000495	01/28/22	Various	01-15.B100	LS Electricity	6590.97	6590.97	063375
ILLINOIS DEPARTMENT OF REVENUE	E I000240	01/18/22	PR 01/08/22	01-00.2001	State Tax	3973.96	3973.96	103743
ILLINOIS DEPARTMENT OF REVENUE	E I000240	01/19/22	SPR 01/15/22	01-00.2001	State Tax	1312.55	1312.55	103744
ILLINOIS DEPARTMENT OF REVENUE	E I000240	02/03/22	SPR 01/31/22	01-00.2001	State Tax	1496.97	1496.97	103757
ILLINOIS DEPARTMENT OF REVENUE	E I000240	01/31/22	PR 01/22/22	01-00.2001	State Tax	3879.97	3879.97	103763
ILLINOIS MUNICIPAL	I000300	02/09/22	Pension	01-00.2003	Empl Pension Deposit	10160.15		
		02/09/22	Pension	01-00.2014	Empl Vol Pension Deposit	9141.52		
		02/09/22		01-17.E460		20591.16	39892.83	103755
INVOICE CLOUD	I000750	02/10/22	607-2022-1		Biller Portal Fees	463.20	463.20	103762
MIDAMERICA ADMIN HRA ACCOUNT	M000557		HRA Funds		HRA Acct Funding	600.00	600.00	103753
PEERLESS NETWORK, INC	P000175	01/25/22			Admin Phone Service	415.14		
·			1214468		WWTC Phone Service	651.50	1066.64	103747
SMARTSIGN	S000432		SMT437379		Life Ring Sign - Reissue	172.77	172.77	063371
TRANSAMERICA RETIREMENT	T000415		PR 01/08/22		Def Comp IPPFA	279.36		
			PR 01/08/22		Def Comp Roth IPPFA	240.00		
			PR 01/08/22		Def Comp Loan Repay IPPFA	234.80	754.16	103745
TRANSAMERICA RETIREMENT	T000415		SPR 01/15/22		Def Comp IPPFA	440.44	731110	103713
	1000113		SPR 01/15/22 SPR 01/15/22		Def Comp Loan Repay IPPFA	77.06	517.50	103746
TRANSAMERICA RETIREMENT	T000415		PR 01/22/22		Def Comp IPPFA	327.01	517.50	103/40
TOTAL OPTION TO A VETT OF SHEET	1000413				Def Comp Roth IPPFA	240.00		
			PR 01/22/22 PR 01/22/22		Def Comp Roth IPPFA Def Comp Loan Repay IPPFA	234.80	801.81	103752
TDANCAMEDICA DETTEMBATE	T000415						001.01	103/32
TRANSAMERICA RETIREMENT	1000415		SPR 01/31/22		Def Comp Loan Bonay IDDEA	440.44	E17 FA	102750
		02/02/22	SPR 01/31/22	01-00.2028	Def Comp Loan Repay IPPFA	77.06	517.50	103758



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NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
Zoom Inc.	Z000200	01/26/22	P-145998748	01-11.B115	Subscription	40.00	40.00	103754
						=======	=======	
					Total Payments:	341208.46	341208.46	
					ACH Payments Total:	322903.49	.00	
				Ch	eck Payments Total:	18304.97	341208.46	



02 IMPROVEMENT FUND STANDARD CHECK REGISTER FOR 02/08/22

==========	VENDOR =====		===== IN	VOICE =====					
NAME		NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN	, INC.	в000120	01/21/22	0230794	02-47.0504	Centex PS Replacement	4095.00	4095.00	103800
							=======	=======	
						Total Payments:	4095.00	4095.00	
						ACH Payments Total:	4095.00	.00	
					Ch	eck Payments Total:	.00	4095.00	
	DATE								
	REVIEWED								
	TRUSTEE APPE	ROVAL							
					PRESIDENT				
					CLERK				



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 02/08/22

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		507377.58-
01-00.1001	CASH - PAYROLL ACCOUNT	149266.53	
01-00.2000	FEDERAL TAX WITHHELD	25041.21	
01-00.2001	STATE TAX WITHHELD	10663.45	
01-00.2002	SOCIAL SECURITY WITHHELD	17658.81	
01-00.2003	IMRF WITHHELD	10160.15	
01-00.2005	CLEARING	227.07	
01-00.2013	CREDIT UNION WITHHELD	4838.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	9141.52	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	1487.25	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	480.00	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	623.72	
01-05.3001	USER RECEIPTS	12112.40	
01-11.B101	NATURAL GAS	324.21	
01-11.B110	BANK CHARGES	37.10	
01-11.B112	COMMUNICATION	1555.63	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	770.29	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	4809.29	
01-11.B116	SUPPLIES	57.83	
01-11.B118	BUILDING AND GROUNDS	12.59	
01-11.B120	PRINTING/PHOTOGRAPHY	802.00	
01-11.B121	USER BILLING MATERIALS	5475.95	
01-11.B124	CONTRACT SERVICES	4071.07	
01-11.C222	GAS/FUEL	147.19	
01-11.C225	OPERATION/REPAIR	44.18	
01-12.B100	ELECTRICITY	2882.96	
01-12.B101	NATURAL GAS	1448.71	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	473.06	
01-12.B103	ODOR CONTROL	679.00	
01-12.B104	FUEL - GENERATORS	205.00	
01-12.B112	COMMUNICATION	970.24	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	103.30	
01-12.B116	SUPPLIES	2460.14	
01-12.B117	EMPLOYEE/DUTY COSTS	949.67	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	2515.14	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	985.94	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	3564.61	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	902.12	
01-12.B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	87.78	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	984.14	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	3533.78	
01-12.B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	73.04	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	1794.39	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	15539.28	
01-12.B802	BLDG AND GROUNDS - DISINFECTION	205.99	
01-12.B804	BLDG AND GROUNDS - GRIT REMOVAL	3574.44	



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 02/08/22

Date: 02/03/22 Time: 3:03pm

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B807	BLDG AND GROUNDS - SECONDARY TREATMENT	68.40	
01-12.B809	BLDG AND GROUNDS - SLUDGE DEWATERING	345.19	
01-12.B810	BLDG AND GROUNDS - SLUDGE DIGESTION	2000.00	
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	124.06	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	2660.63	
01-12.C222	GAS/FUEL	2134.23	
01-12.C225	OPERATION/REPAIR	1391.29	
01-13.B114	CHEMICALS	570.76	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	1268.00	
01-13.B116	SUPPLIES	32.00	
01-13.B117	EMPLOYEE/DUTY COSTS	78.45	
01-13.B123	OUTSIDE LAB SERVICES	369.40	
01-13.C222	GAS/FUEL	106.87	
01-14.B113	EMERGENCY/SAFETY EQUIPMENT	41.40	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	7058.02	
01-14.B116	SUPPLIES	312.68	
01-14.B117	EMPLOYEE/DUTY COSTS	174.35	
01-14.B124	CONTRACT SERVICES	62.28	
01-14.B127	JULIE SYSTEM	3982.91	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	73344.58	
01-14.B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH	1569.00	
01-14.C222	GAS/FUEL	1059.80	
01-14.C225	OPERATION/REPAIR	2541.57	
01-15.B100	ELECTRICITY	10380.36	
01-15.B520	EQPT/EQPT REPAIR - BUTTERFIELD	308.75	
01-15.B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	1108.71	
01-15.B827	BLDG AND GROUNDS - VENARD	2315.00	
01-17.E455	EMPLOYEE GROUP HEALTH	49978.69	
01-17.E460	IMRF	20591.16	
01-17.E461	SOCIAL SECURITY	17658.87	
02-00.1000	CASH		4095.00-
02-47.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	4095.00	
		=========	

511472.58 511472.58-

							T		
Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	ltem Description
Grainger	01/10/22	\$80.00	01-11.B113	ADMIN SAFETY	Delivered	JG		Safety Supplies	Face Masks
Grainger	01/10/22	\$203.70	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies/Keep Stock	Hardware, Valves, Tool attachments
Grainger	01/10/22	\$21.37	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies/Keep Stock	Hardware, Valves, Tool attachments
Grainger	01/10/22	\$112.40	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	Delivered	MR		Indoor Lighting Repair Supplies	(10) Electronic Ballasts
Grainger	01/12/22	\$2.28	01-12.B116	WWTC SUPPLIES	Delivered	MM			Batteries for Sam T. Welding helmet
Grainger	01/12/22	\$11.42	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	NW		Tool Replacement	Thread Pitch Gauge (2)
Grainger	01/13/22	\$380.70	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	СР		Soda Ash Building	Replacement bubbler/mixer for soda ash tank
Grainger	01/13/22	\$21.51	01-14.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	OA		Safety Supplies	Traction Device for Shoes
Grainger	01/13/22	\$23.75	01-12.B116	WWTC SUPPLIES	Delivered	NW		Supplies	AA & 9V Batteries
Grainger	01/13/22	\$68.40	01-12.B807	BLDG & GROUNDS - SECONDARY TREATMENT	Delivered	NP			Pleated Air Filter Merv 8
Grainger	01/13/22	\$64.93	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies/Keep Stock	Hardware & Plumbing Supplies
Grainger	01/13/22	\$205.99	01-12.B802	BLDG & GROUNDS - DISINFECTION	Delivered	СР		Hypo Building Basement	Dehumidifier
Grainger	01/17/22	\$34.41	01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	Delivered	NW		CHP 2 Coolant Leak Repair	1/2" Ball valve (3)
Grainger	01/19/22	\$257.66	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	Delivered	RF		Old Raw Sewage Wet Well Vent Fan & Entry Gate Strobe Light	In-Line Vent Fan & Strobe/Warning Light
Grainger	01/21/22	\$48.55	01-12.B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	Delivered	MR		Filter Building Lighting Repairs / Labeling	1" Vinyl Label For Printer
Grainger	01/21/22	\$53.00	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	MR		Sand Filter Bldg. Lighting	Roll Electrical Tape (10)
Grainger	01/21/22	\$2.55	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	AC		Safety Supplies	Welding Helmet Cover Plate (1)
Grainger	01/21/22	\$65.30	01-13.B114	CHEMICALS	Delivered	DRB		Lab Supplies	ph10 Buffer Solution
Grainger	01/24/22	\$40.77	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	MR		Tool Replacement	Drill & Tap set (3)
Grainger	01/25/22	\$52.20	01-12.B116	WWTC SUPPLIES	Delivered	MM		Supplies	Grinding discs for shop
Grainger	01/25/22	\$10.75	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies	1/2" NPT Stainless Steel Coupling
Grainger	01/25/22	\$228.30	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Lifting Hardware for Garage and Trucks	Shackles, Eye Bolts, Lifting Straps
Grainger	01/26/22	\$78.45	01-13.B117	EMPLOYEE/DUTY COSTS	Delivered	DRB	shopped various sites	Office Heater	radiant heat space heater for lab office
Grainger	01/27/22	\$19.89	01-14.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	DJ		Safety	Traction Device for Shoes
Grainger	01/28/22	\$2.32	01-12.B116	WWTC SUPPLIES	Delivered	JPB		Supplies	(2) #2450 Coin Batteries
Home Depot	01/25/22	\$75.90	01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	In-Store	AC	Same Visit	Belt Press Feed Sludge Pit Transducer Replacement	SS Chain (40'), SS Quick link (2)
Home Depot	01/25/22	\$11.94	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	AC	Same Visit	Tool Replacement	1/2" Drive Socket (2)
Home Depot	01/25/22	\$11.96	01-12.B116	WWTC SUPPLIES	In-Store	AC	Same Visit	Maintenance Repair Supplies	3/8" Rope - 100' (2)
Home Depot	01/13/22	\$153.04	01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	In-Store	СР		Bar Screen Compactor 1 Overhaul	Weather Stripping/Gasket Material, Hardware, Ratchet Wrench & Dead Blow Hammer
Home Depot	01/13/22	\$12.97	01-14.B116	SEWER SYSTEM SUPPLIES	In	DJ		Tools	Groove Joint Plyers
Home Depot	02/01/22	\$176.07	01-12.B809	BLDG & GROUNDS - SLUDGE DEWATERING	In-Store	AC		HVAC Gas Piping	1" Black Gas Pipe & Fittings
Home Depot	02/01/22	-\$80.55	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	MR	Same Trip	Filter Building Lighting Repairs	Electrical Supplies & Devices
Home Depot	02/01/22	\$5.52	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	MR	Same Trip	Filter Building Lighting Repairs	Electrical Supplies & Devices
Home Depot	01/21/22	\$44.94	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	ST			Replacement hose racks
Home Depot	01/31/22	\$203.78	01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	In-Store	ST		Grit and Sludge Protective water	Various pipe fittings for sludge recirc. Protective water system
Home Depot	01/20/22	\$28.14	01-12.B116	WWTC SUPPLIES	In-Store	СР		Supplies	Bleach & Storage Totes
Home Depot	01/20/22	\$199.09	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	MR		Filter Building Light Switch Replacements	20 amp Light Switches, Switch covers
Home Depot	01/19/22	\$78.35	01-12.B116	WWTC SUPPLIES	In-Store				
Home Depot	01/18/22	\$82.97	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	RF		MSB Garage Lighting	Conduit & Electrical Supplies
Home Depot	01/18/22	\$12.88	01-12.B117	EMPLOYEE/DUTY COSTS	In-Store	AC		Outerwear Purchase	Winter Hat (Adam)

Date:	2/3/2022	Petty Cash Checking Reimbursement	D-440
Duo Date	. 2/0/2022		

Due Date: 2/8/2022 Invoice #: Reimburse

Date	Purchased From	Description	Code	Amount	Ck No.
01/18/22	Costco	MSB Supplies	12.B116	131.48	3745
	Costco	Motor Oil	14.C225	59.98	3745
01/20/22	Josephine Shaw	BSSRAP Rodding Refund	14.B910	394.13	3746
02/01/22	Therese Berry	BSSRAP Rodding Refund	14.B910	382.65	3747
02/01/22	Ernesto Catral	BSSRAP Rodding Refund	14.B910	664.13	3748
02/01/22	Christopher Martin	BSSRAP Rodding Refund	14.B910	394.13	3749
02/01/22	Michael Bianco	BSSRAP Rodding Refund	14.B910	382.65	3750
02/01/22	CMS Condominium	BSSRAP Rodding Refund	14.B910	394.13	3751
02/01/22	CMS Condominium	BSSRAP Rodding Refund	14.B910	664.13	3752
		Total Re	eceipts/Reimbursement	3467.41	

Expense by code

12.B116	131.48
14.C225	59.98
14.B910	3275.95

3467.41

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Amy R. Underwood General Manager

FROM: Carly Shaw

Administrative Supervisor

DATE: February 4, 2022

RE: Resolution of Appreciation

Attached is a Resolution of Appreciation for Paul W. Coultrap for his years of dedicated service to the District as a Trustee. We will present the original framed Resolution to him at a later time with a copy remaining on file at the District. This item should be placed on the agenda for the February 8 Board meeting.

Attachment

C: WDVB, AES, PWC, KJR, RTJ, MJS, MGP

RESOLUTION OF APPRECIATION

WHEREAS, PAUL W. COULTRAP, has served the residents of the DOWNERS GROVE SANITARY DISTRICT as a Trustee of the District from 2016 to 2022; and

WHEREAS, the exemplary leadership and guidance of PAUL W. COULTRAP as Clerk of the BOARD OF TRUSTEES has resulted in the orderly and efficient provision of sanitary sewer service and wastewater treatment in the District; and

WHEREAS, the outstanding professional expertise, judgment and foresight exhibited by PAUL W. COULTRAP has ensured the continuation of innovative programs and solutions to matters of concern to the District and the residents thereof; and

WHEREAS, PAUL W. COULTRAP has exhibited a keen interest and dedication to public service by his comprehensive and careful review and attention to all matters brought before the Board of Trustees for consideration;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, that PAUL W. COULTRAP be and he is hereby commended for his dedicated and exemplary service to the DOWNERS GROVE SANITARY DISTRICT and to the residents thereof; and

BE IT FURTHER RESOLVED that a copy of this Resolution be spread upon the records of the DOWNERS GROVE SANITARY DISTRICT and an embossed copy thereof be delivered by the Clerk of this District to the said PAUL W. COULTRAP.

PASSED AND APPROVED by the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, this 8th day of February 2022, in honor of the outstanding service by PAUL W. COULTRAP to the District.

BY:		
Presid	lent	
ATTEST:_	Vice President	

DOWNERS GROVE SANITARY DISTRICT

DOWNERS GROVE SANITARY DISTICT

MEMO

TO: Board of Trustees

FROM: Amy R. Underwood

General Manager

DATE: February 4, 2022

RE: Appointment of Officer Positions

Keith Shaffner, Construction Supervisor for the District, currently serves as the Assistant Clerk and Amy Underwood, General Manager serves as the Treasurer for the District. As a result of her promotion to the Administrative Supervisor, I am recommending that Carly Shaw be appointed as the new Assistant Clerk and Treasurer. This is consistent with the Administrative Supervisor job description. I will be working with our various financial institutions to ensure Carly is listed as an authorized signer on those various accounts.

As a reference, I have attached the pertinent excerpt of the minutes from the November 16, 2021 meeting with the two necessary motions highlighted.

cc: KJR, RTJ, MJS, WCC, KWS, MGP

MINUTES

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, November 16, 2021, convening at 7:00 p.m. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were Trustees Wallace D. Van Buren, Amy E. Sejnost and Paul Coultrap, General Manager Amy R. Underwood, Administrative Supervisor W. Clay Campbell, Information Coordinator Alyssa J. Caballero, and Attorney Michael G. Philipp.

Minutes of Regular Meeting – October 19, 2021

A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the minutes of the regular meeting held on October 19, 2021 and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Claim Ordinance No. 1907

A motion was made by Trustee Sejnost seconded by Trustee Coultrap adopting Claim Ordinance No. 1907 in the total amount of \$531,781.58 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Public Comment - None

New Business

Appointment of Assistant Clerk and Treasurer

The following appointments were made: A motion was made by Trustee Sejnost seconded by Trustee Coultrap appointing Keith W. Shaffner as Assistant Clerk. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.) A motion was made by Trustee Coultrap seconded by Trustee Sejnost appointing Amy R. Underwood as Treasurer. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Resolution No. R2021-01, Appointment of Authorized Agent for the Illinois Municipal Retirement Fund (IMRF)

Staff presented Resolution No. R2021-01. This resolution appoints Amy R. Underwood as the new Authorized Agent for the Illinois Municipal Retirement Fund due to William Clay Campbell's letter of resignation effective on November 28. A motion by Trustee Sejnost seconded by Trustee Van Buren was made adopting Resolution No. R2021-01 and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes-Van Buren and Sejnost. Abstained-Coultrap.)

Revision Of Authorized Bank Account Signer

Staff presented a memo revieing the current arrangement of District bank accounts and authorized signers and recommending removal of William Clay Campbell from all bank and investment

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

TO: Board of Trustees

FROM: Amy R. Underwood

General Manager

DATE: February 4, 2022

RE: Resolution No. R2022-01

Appointment of Authorized Agent for the Illinois Municipal Retirement Fund (IMRF)

Due to the Administrative Supervisor position being vacated, I, Amy R. Underwood, General Manager for the District, currently serve as the Authorized Agent for the District to IMRF. As a result of promoting Carly Shaw to the position of Administrative Supervisor, I am recommending that she be appointed as the new Authorized Agent. As the District's Administrative Supervisor, she meets all the qualifications deemed appropriate for the position as laid out by IMRF in the attached excerpt from the Authorized Agent Manual. The following attached items are necessary to make the appointment effective.

- 1) Resolution No. R2022-01 This Resolution requires adoption by the Board and the signatures of the President and Clerk.
- 2) Notice of Appointment of Authorized Agent form This form has a Certification block which requires the signature of the Clerk.

These items will be on the agenda for the February 8 meeting.

Attachments

cc: CSS, MGP

Home > 2. Authorized Agent > 2.20 Qualifications of an Authorized Agent

2.20 Qualifications of an Authorized Agent

The Authorized Agent should be a person with the necessary skills and authority to serve both the unit of government (the IMRF employer) and its IMRF members.

It is recommended that the Authorized Agent be a member of IMRF. (A "member" refers to an employee working in an IMRF-qualified position as well as an employee receiving an IMRF pension and working in a position that does not qualify for IMRF participation or provides the employee the option of participating in IMRF, e.g., elected office.)

All Authorized Agents, regardless of IMRF participation status, may submit a nominating petition and cast a ballot in an Executive Trustee election. The Authorized Agent's governing body must still delegate such powers to the Authorized Agent on his or her notice of appointment (Form 2.20). The Authorized Agent does not need to be an officer in the unit of government, but preferably should be a full-time employee.

The Authorized Agent need not be an officer in the unit of government, but preferably should be a full-time employee.

An Authorized Agent should have the following qualifications:

- A close working knowledge of all personnel employed by the unit of government, including new and terminated employees.
- 2. Access to personnel records, payrolls, and other employee compensation records.
- 3. An adequate channel of communications with the local governing body or chief executive officer.
- 4. Sufficient time to perform local administrative IMRF functions.

IMRF Manual for Authorized Agents - 2021 (e-Ver. 9.0)	Authorized Agent / Section 2
To print this page, click anywhere on this page. Then use your browser's Print	command.

RESOLUTION NO. R2022-01

A RESOLUTION FOR THE APPOINTMENT OF AUTHORIZED AGENT FOR THE DOWNERS GROVE SANITARY DISTRICT TO THE ILLINOIS MUNICIPAL RETIREMENT FUND

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

<u>Section 1:</u> That CARLY SHAW, ADMINISTRATIVE SUPERVISOR, of the DOWNERS GROVE SANITARY DISTRICT, be and she is hereby appointed the Authorized Agent of the DOWNERS GROVE SANITARY DISTRICT to the ILLINOIS MUNICIPAL RETIREMENT FUND.

<u>Section 2:</u> That as the Authorized Agent of the DOWNERS GROVE SANITARY DISTRICT, CARLY SHAW shall have all of the powers and duties of an Authorized Agent as specified by the Illinois Pension Code, all of the general powers and duties necessary for the administration of the Illinois Municipal Retirement Fund for the DOWNERS GROVE SANITARY DISTRICT, and in addition thereto she shall have the specific powers and duties outlined below:

- A. To file a petition for nomination, and to cast the ballot for election of Executive Trustees of the Illinois Municipal Retirement Fund on behalf of the DOWNERS GROVE SANITARY DISTRICT.
- <u>Section 3:</u> All resolutions or parts of resolutions in conflict with this resolution are hereby repealed.

<u>Section 4:</u> This resolution shall be in full force and effect from and after the date of its passage and approval.

PASSED AND APPROVED by the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT at a regular meeting of the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, DuPage County, Illinois, this 8th day of February, 2022.

DOWNERS GROVE SANITARY DISTRICT

	BY:	
	President	
Attest:		
Clerk		



NOTICE OF APPOINTMENT OF AUTHORIZED AGENT

IMRF Form 2.20 (Rev. 10/2014)

INSTRUCTIONS

- The governing body of an IMRF employer (including townships) can appoint any qualified party as the employer's IMRF Authorized Agent.
- · The governing body makes the appointment by adopting a resolution.
- · The clerk or secretary of the governing body must certify the appointment (see Certification below).
- · Mail the completed form to the Illinois Municipal Retirement Fund.
- · A copy of the completed form should be retained by the employer.
- · The new Authorized Agent will need to register for a new User ID on IMRF Employer Access.

EMPLOYER NAME DOWNERS GROVE SANITARY	EMPLOYER MRF I.D. NUMBER 3266				
AUTHORIZED AGENT'S SALUTATION LA	ST NAME FI	RST NAME	MIDDLE INITIAL JR., SR., II, ETC.		
☐ Dr. ☐ Mr. ☑ Mrs. ☐ Ms. S	HAW C	CARLY	S		
TYPE OF GOVERNING BODY SANITARY DISTRICT					
DATE APPOINTMENT MADE (MM/DD/YYYY)	EFFECTIVE DATE OF APPOINT	MENT (MM/DD/YYYY) POSI	TION TITLE		
02/08/2022	02/08/2022	AD	MINISTRATIVE SUPERVISOR		
Powers and duties delegated to Authoremoved the requirement that the Au			sion Code by governing body (P.A. 97-0328 tition or cast a ballot):		
To file Petition for N	lominations of an Executive	Trustee of IMRF	Yes No		
To cast a Ballot for	Election of an Executive Tru	ustee of IMRF	Yes No		
X			02/08/2022		
SIGNATURE OF AUTHORIZED AGENT NAME	D ABOVE		DATE (MM/DD/YYYY)		
CERTIFICATION					
PAUL W. COULTRAP, do hereby certify that I am CLERK					
of the _DOWNERS GROVE SANITARY DISTRICT					
NAME OF EMPLOYER and the keeper of its books and records and the foregoing appointment and delegation were made by resolution duly adopted on the date indicated.					
SEAL					
			SIGNATURE OF CLERK OR SECRETARY		
BUSINESS ADDRESS All correspondence and communicati	ons with the Authorized Age	ent are to be addressed	as follows:		
NAME (IF DIFFERENT FROM ABOVE) Mrs. rs. □ Ms. CARL					
BUSINESS ADDRESS					
2710 CURTISS ST					
CITY STATE AND ZIP + 4					
DOWNERS GROVE, IL 60515					
DAYTIME TELEPHONE NO. (with Area Code)		ALTERNATE TELE	PHONE NUMBER (with Area Code)		
(630) 353	-3603		(630) 969-0664		
FAX NO. (with Area Code)		EMAIL ADDRESS			
(630) 969-0827 cshaw@dgsd.org					

IMRF

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

TO: Board of Trustees

FROM: Amy R. Underwood

General Manager

DATE: February 4, 2022

RE: Bank Account Signature Changes

The purpose of this Memo is to review the current arrangement of District's bank accounts and authorized signers and to get Board approval to add Carly Shaw, Administrative Supervisor, to those accounts as well as the District's investment accounts after her appointment as Treasurer.

Chase Bank Accounts-Signature Review

The attached Account Summary, dated November 16, 2021, provides a current listing of all Chase Bank accounts, restrictions for issuance of checks, and check signature requirements. This arrangement was established to provide a high level of control, requiring three of four signatures of Trustees and the General Manager, on the accounts which have the largest balances at any time – the Deposit Account and the Disbursement Account. The Payroll, Petty Cash and User Refund Checking Accounts are imprest accounts and require only one signature of a staff person. The General Manager and the Administrative Supervisor are the authorized signers on these imprest accounts.

Staff recommends that the authorized signers on the imprest accounts be revised to the General Manager and the Treasurer, as shown on the attached Account Summary, dated February 8, 2022.

Actions Required

Upon Carly Shaw's appointment as Treasurer for the District, District Staff will complete all the necessary documents to implement the actions listed below.

- 1) Add Carly Shaw as a Security Administrator for the District's Chase Bank accounts.
- 2) Add Carly Shaw as an authorized signer to the District's imprest accounts at Chase Bank.
- 3) Add Carly Shaw as an authority on the District's Illinois Funds account.
- 4) Add Carly Shaw as an authorized signature on all of the District's investment accounts.

Staff will request the **Board take the following actions** at their February 8, 2022 regular board meeting:

- 1) "I move that the authorized signers on the District's Payroll, Petty Cash, User Refund and Flexible Benefits accounts be revised to be the General Manager and the Treasurer."
- 2) "I move to add Carly Shaw as an authorized signed on the District's Payroll, Petty Cash, User Refund and Flexible Benefits accounts and all investment accounts (as listed on the District's Investment Schedule as of 01/31/22), hereby authorizing all signatures to effectuate such a change."

Staff will be making a good faith effort to reflect these changes on all District accounts as soon as possible after the February 8th Board meeting.

Enclosures

cc: KJR, RTJ, MJS, MGP, CSS

DOWNERS GROVE SANITARY DISTRICT ACCOUNT SUMMARY

FUND	ISSUANCE PROCEDURES	CHECK SIGNATURE REQUIREMENTS
General Corporate, Improvement, Construction, Public Benefit and	Funds transferred from deposit account to disbursement account to cover checks issued	Checks for withdrawal from deposit account require three of four: Trustees, General Manager.
Sewer Extensions Escrow		Checks from disbursement account under \$15,000 Require one of
Deposit Acct. No (JP Morgan Chase & Co.)		four: Trustees, General Manager.
Disbursement Acct. No (JP Morgan Chase & Co.)		Checks from disbursement account for \$15,000 or greater Require three of four: Trustees, General Manager.
Payroll Checking Acct. No. (JP Morgan Chase & Co.)	Imprest account reimbursed by General Corporate check in accordance with procedures for same. (Checking account maintains \$277,100 balance.)	All checks require one of two: General Manager, Administrative Supervisor.
Petty Cash Checking Acct. No. (JP Morgan Chase)	Same as payroll account. (Checking account maintains \$3,700 balance.)	All checks require one of two: General Manager, Administrative Supervisor.
User Refund Checking Acct. No. (JP Morgan Chase)	Same as payroll account. (Checking account maintains \$1,400 balance.)	All checks require one of two: General Manager, Administrative Supervisor.
Flexible Benefits Checking Acct. No. (JP Morgan Chase)	Account is funded annually at the start of plan year. (Account is charged through periodic ACH transactions by MidAmerica.)	All checks require one of two: General Manager, Administrative Supervisor.

DOWNERS GROVE SANITARY DISTRICT ACCOUNT SUMMARY

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General Corporate, Improvement, Construction, Public Benefit and	Funds transferred from deposit account to disbursement account to cover checks issued	Checks for withdrawal from deposit account require three of four: Trustees, General Manager.
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Petty Cash Checking Acct. No. (JP Morgan Chase)	Same as payroll account. (Checking account maintains \$3,700 balance.)	All checks require one of two: General Manager, Treasurer.
User Refund Checking Acct. No. (JP Morgan Chase)	Same as payroll account. (Checking account maintains \$1,400 balance.)	All checks require one of two: General Manager, Treasurer.
Flexible Benefits Checking Acct. No. (JP Morgan Chase)	Account is funded annually at the start of plan year. (Account is charged through periodic ACH transactions by MidAmerica.)	All checks require one of two: General Manager, Treasurer.

DOWNERS GROVE SANITARY DISTRICT MEMO

TO: Amy R. Underwood General Manager

FROM: Carly Shaw

Administrative Supervisor

DATE: February 4, 2022

RE: Executive Session Minutes

State statutes require that public bodies meet, at least semi-annually, to review minutes of all closed sessions. At such meeting, a determination is made and reported in open session that:

- 1. the need for confidentiality still exists as to all or part of the minutes, or
- 2. the minutes, or portions thereof, no longer require confidential treatment and are available for public inspection.

The executive session minutes were last reviewed on August 17, 2021. The executive session minutes of December 21, 2021 have not yet been reviewed. Copies of the minutes for these dates are attached.

I am recommending the following:

A. The minutes of December 21, 2021 should be made available for public inspection as there is no longer a need for confidentiality.

In addition to the written record of closed sessions, beginning January 1, 2004, all closed sessions must be recorded. The statute allows for the verbatim record to be destroyed, without notification to or the approval of a records commission or the State Archivist under the Local Records Act, no less than 18 months after the completion of the recorded meeting, but only after:

- 1) The public body approves the destruction of a particular recording, and
- 2) The public body approves minutes of the closed meeting.

The written record for the executive session meetings held on July 21, 2020 was previously approved by the Board and made available for public inspection during its February 9, 2021 review (copy of written record attached).

Therefore, I am recommending that:

B. The verbatim record of the executive sessions held on July 21, 2020 be destroyed.

cc: WDVB, AES, PWC, KJR, RTJ, MJS, MGP

Attachments

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

EXECUTIVE SESSION MINUTES

A motion was made by Trustee Sejnost seconded by Trustee Coultrap to recess the regular meeting and convene an executive session at 7:42 p.m. under exception 2(c)11 of the Open Meetings Act to discuss probable litigation. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Present were President Van Buren, Trustees Sejnost and Coultrap, General Manager Underwood, Attorney Philipp, Staff Engineer Bielawa and Administrative Supervisor Campbell.

General Manager Underwood explained that Copenhaver Construction, Inc., which submitted the lowest bid on the Outfall Sewer Sag Repair Project, requested to withdraw their bid due to a clerical error. After discussions with Baxter & Woodman and Attorney Philipp, District Staff intends to ask Copenhaver to pay for the District's rebid expenses of \$9,500 in exchange for return of their bid bond. Trustee Coultrap asked General Manager Underwood whether she was sure that the District's rebid expenses are just \$9,500. General Manager Underwood explained what was included in the estimated rebid expenses. The Trustees expressed their general concurrence with Staff's intended approach to handling this situation.

A motion was made by Trustee Coultrap seconded by Trustee Sejnost to adjourn the executive session at 7:56 p.m. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Approved: August 18, 2020

Willand Villand

Clark

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

DATE: February 4, 2022

TO: Board of Trustees

FROM: Amy R. Underwood

General Manager

RE: Five-Year Financial Plan

Enclosed please find copies of the following items:

- 1. Five-year financial plan for Fiscal Years 2022-2023 to 2026-2027.
- 2. Notice of availability of Appropriation Ordinance/Budget for public review.
- 3. Revised Budget Calendar.
- 4. Appropriation Ordinance for Fiscal Year 2022-2023.

Staff will review these documents with the Board at the February 8 meeting. We will be seeking Board approval to publish the notice of availability in the Downers Grove Suburban Life on February 10. Final action is scheduled for the March 15 Board meeting.

cc: KJR, RTJ, MJS, MGP, CSS

DOWNERS GROVE SANITARY DISTRICT
FIVE YEAR FINANCIAL PLAN
FISCAL YEARS 2022-2023 TO 2026-2027

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Introduction

This five-year plan presents recommended expenditures and revenues necessary to meet the operation, maintenance, replacement, capital improvement and debt service requirements of the District over the five-year period from May 1, 2022 to April 30, 2027. The plan contains separate projections for the combined General Corporate and Replacement Fund (operation, maintenance and replacement needs), the Construction Fund (Wastewater Treatment Center capital improvements), the Improvement Fund (sewer system and pump station capital improvements) and the Public Benefit Fund. A brief overview of each of these separate projections is provided below.

General Corporate Fund – This plan treats the Replacement Fund as a designated portion of the General Corporate Fund. The balance in the Replacement Fund is maintained throughout the five-year period at the April 30, 1991, level of \$820,000. This treatment allows major replacements to be included in the operation and maintenance budget of the General Corporate Fund, allows all interest earned on the Replacement Fund to be fully utilized, and applies the balance in the Replacement Fund towards meeting the minimum recommended working balance in the General Corporate Fund.

The plan includes expenditures for the replacement and rehabilitation of the wastewater collection system, including building service repairs to help control sewer system backups and overflows. The goal is to sustain annual replacement and rehabilitation expenses at a level equal to 1.0% of the replacement value of the sewer infrastructure. Expenses include the portion of ARRA loan repayments to the Illinois Environmental Protection Agency (IEPA) associated with sewer rehabilitation work previously conducted with ARRA loan funding.

Planned replacements and major maintenance items for non-sewer fixed assets necessary for continued reliable operation are identified. The FY 2022-23 non-sewer annual replacement, rehabilitation and upgrade expenses budget for all funds represents about 295% of the FY 2020-21 annual depreciation of non-sewer fixed assets. This percentage is much higher than in previous years due to the Centex Lift Station construction start being delayed.

The user rate is proposed to increase from the current level of \$1.95 per 1,000 gallons to \$2.05 per 1,000 gallons in FY 2022-23 with a \$0.15 increase projected in FY 2023-24, \$0.20 increases projected in FY 2024-25 and FY 2025-26 and no user rate increase projected in FY 2026-27. Monthly service fees are proposed to increase from the current amount of \$17.00 to \$19.00 in FY 2022-23 with \$2.00 increases projected in FY 2023-24 through FY 2026-27. The projected user rate and monthly service fee increases for FY 2022-23 through FY 2025-26 result in higher rate and fee increases than the District has historically implemented. The higher increases are proposed due to current inflation in the cost of goods and services which the District has experienced in the past year and planned increases that have been shared with District Staff from vendors. The higher increases are also needed to address aging infrastructure. The increases continue to accommodate the desired levels of sewer system replacement and rehabilitation expenditures while keeping up with inflation. The surcharge rates are proposed to be increased for an average surcharge customer by 8.1% in FY 2022-23 with proposed increases ranging from 2.4% to 7.6% in the four subsequent years. The surcharge rate increases are planned to gradually bring the costs per pound of biological oxygen demand (BOD) and per pound of total suspended solids (TSS) up to the match the cost of service. Other user charges such as sampling and monitoring charges will increase as the cost to provide services increases with inflation.

<u>Construction Fund</u> – The primary source of revenue to the Construction Fund is sewer permit fees. These fees are utilized for improvements and additions at the WWTC and for the repayment of loans from the IEPA. Revenues are accumulated for the next major expansion of WWTC capacity, purchase of adjacent property, or other capital improvements that upgrade the facility. Improvements to biosolids processing are planned for FY 2023-24. Design and construction of a chemical feed system for phosphorus removal are planned in FY2025-26 and FY 2026-27, respectively. It should be noted that the remainder of the construction costs for the chemical feed system would be expended in FY 2027-28, which is outside of this five-year plan.

Improvement Fund – The primary sources of revenue to the Improvement Fund have historically been trunk and lateral sewer service charges. Revenues are accumulated for sewer additions and sewer and lift station capital improvements. Starting in FY 2021-22, additional revenue to the Improvement Fund will include transfers from the General Corporate Fund. This is necessary as the cost of address aging infrastructure at the lift stations is outpacing the revenue received from trunk and lateral sewer service charges.

The Improvement Fund is used to finance special assessments extending sewers into unsewered areas, with funds repaid by the owners of properties benefited by the new sewers using vouchers. Replacement of the Centex Lift Station is included in FY 2022-23. Replacement of the Venard Lift Station force main is planned for FY 2023-24. Replacement of the Butterfield Lift Station is planned for FY2026-27.

<u>Public Benefit Fund</u> – The public benefit fund may only be used to pay for the portion of sewer extensions or sewer special assessments which the Board of Trustees deems to be of benefit to an area larger than the immediate service area.

	EV 47 40	EV 40 40	EV 40.00	EV 00 04	EV 04 00	FY 21-22	EV 22 22	EV 00 00	EV 00 04	EV 24 25	EV 05 00	EV 00 07
	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	Projected Actual	FY 22-23 Budget	FY 22-23 Appropriation	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
	, totaai	7 totaai	, totaai	, totaai	Daaget	, totaai	Daagot	, ippropriation	i iojectou	, rojectou	, rojectou	. rojectou
11. Administration												
A. Salary & Wages												
001. Trustees	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000		\$18,000	\$18,000	\$18,000	\$18,000
002. B.O.L.I.	0	0	0	0	900	0	900		900	900	900	900
003. General Management	212,437	234,862	345,560	242,887	296,500	240,814	256,600		269,400	278,800	288,600	298,700
004. Financial Records	186,692	197,403	203,039	198,066	201,550	206,987	211,350		221,900	229,700	237,700	246,050
005. Administrative Records	40,688	49,549	28,343	25,335	24,600	27,714	27,250		28,600	29,600	30,650	31,800
006. Engineering			7,067	4,503	5,900	4,793	5,150		5,400	5,600	5,800	6,000
007. Code Enforcement	328,764	375,864	420,277	366,512	368,950	337,957	367,100		385,450	398,950	412,900	427,350
008. Safety Activities	1,212	810	11,895	27,658	39,850	34,526	48,000		50,400	52,150	54,000	55,900
030. Building & Grounds	1,988	1,333	605	1,006	5,400	1,021	1,350		1,400	1,450	1,500	1,550
085. Incentive					2,800	2,025	0		0	0	0	0
086. Vacation Buyout					12,700	5,650	0		0	0	0	0
090. Work from Home Reimbursement Allowance				4,475	4,550	4,325	5,200		0	0	0	0
Subtotal	\$789,783	\$877,821	\$1,034,786	\$888,440	\$981,700	\$883,812	\$940,900	\$1,080,000	\$981,450	\$1,015,150	\$1,050,050	\$1,086,250
B. Operation & Maintenance												
100. Electricity	\$5,092	\$2,118	\$3,172	\$3,737	\$4,450	\$11,161	\$10,000		\$10,400	\$10,800	\$11,250	\$11,700
101. Natural Gas	1,161	1,278	1,240	912	3,000	1,855	3,000		3,100	3,200	3,300	3,400
102. Water, Garbage, Other	1,316	454	741	767	1,250	944	1,250		1,250	1,300	1,350	1,400
110. Bank Charges	15,709	14,746	15,158	20,299	19,000	22,702	23,200		24,350	25,500	26,750	28,050
112. Communication	12,907	13,883	16,562	22,190	24,000	27,500	29,200		29,550	30,100	30,700	31,250
113. Emergency/Safety Eqpt				29,399	29,000	17,400	30,000		20,400	10,850	14,350	15,050
115. Eqpt/Eqpt Repair	86,011	87,084	92,596	88,604	142,000	136,550	169,700		133,150	201,550	97,550	136,650
116. Supplies	6,811	6,792	7,109	3,020	7,500	5,400	6,800		6,900	6,950	7,000	7,100
117. Employee/Duty Costs	10,280	11,050	19,256	4,988	16,750	5,900	24,750		24,450	24,900	16,900	17,200
118. Building & Grounds	53,584	12,541	20,157	26,947	166,000	67,000	167,000		72,950	49,500	26,300	28,950
119. Postage	6,262	6,308	4,225	3,286	8,000	4,450	7,550		7,900	10,300	8,700	9,100
120. Printing/Photography	7,935	11,509	8,121	7,125	12,500	10,000	12,700		12,500	13,150	12,750	13,400
121. User Billing Material	60,735	64,580	63,831	67,672	75,000	70,500	84,150		71,350	76,550	80,750	86,000
124. Contract Services	92,766	135,569	70,220	52,387	106,500	71,000	150,300		151,700	154,550	158,000	161,050
137. Memberships/Subscriptions	9,929	6,969	8,469	7,497	9,500	7,500	8,500		8,400	8,600	8,600	8,800
Subtotal	\$370,498	\$374,883	\$330,858	\$338,832	\$624,450	\$459,864	\$728,100	\$870,000	\$578,350	\$627,800	\$504,250	\$559,100
C. Vehicles												
222. Gas/Fuel	\$933	\$858	\$1,114	\$299	\$1,500	\$800	\$2,000		\$2,000	\$2,000	\$2,000	\$2,000
225. Operation/Repair	334	1,113	2,217	380	2,600	1,700	2,600		2,650	2,700	2,800	2,850
226. Vehicle Purchase	0	0	0		17,500	0	12,000		0	24,000	0	0
Subtotal	\$1,267	\$1,971	\$3,331	\$680	\$21,600	\$2,500	\$16,600	\$20,000	\$4,650	\$28,700	\$4,800	\$4,850
TOTALS	\$1,161,547	\$1,254,674	\$1,368,974	\$1,227,952	\$1,627,750	\$1,346,176	\$1,685,600	\$1,970,000	\$1,564,450	\$1,671,650	\$1,559,100	\$1,650,200

						FY 21-22						
	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Projected	FY 22-23	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	Actual	Actual	Actual	Actual	Budget	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
12. Wastewater Treatment Center												
A. Salary & Wages			COO 470	\$47,440	#44.000	ΦE4 070	#40.000		Φ Ε4 Ω ΕΩ	\$50,050	ΦE4.000	#FC 000
006. Engineering 009. Oper. Management	¢110.050	¢00 E40	\$29,473 107,667	\$47,440 100,206	\$41,600	\$51,873 101,075	\$48,800 108,550		\$51,250	\$53,050 117,950	\$54,900	\$56,800 126,350
010. Maintenance	\$112,052 498,714	\$99,519 542,819	524,751	526,489	99,750 591,900	576,880	696,250		114,000 752,600	778,950	122,100 806,200	834,400
020. WWTC	513,848	531,533	536,379	520,469 597,945	569,400	592,096	561,750		589,850	610,500	631,850	653,950
030. Building & Grounds	65,648	57,751	87,810	104,344	112,150	98,492	107,250		113,300	117,250	121,350	125,600
085. Incentive	05,040	57,751	07,010	200	3,400	2,000	107,230		113,300	117,230	121,330	125,000
086. Vacation Buyout				200	24,850	4,871	0		0	0	0	0
090. Work from Home Reimbursement Allowance				288	650	4,871 50	0		0	0	0	0
090. Work from Home Reimbursement Allowance				200	030	30	U		U	U	U	U
Subtotal	\$1,190,263	\$1,231,621	\$1,286,080	\$1,376,912	\$1,443,700	\$1,427,336	\$1,522,600	\$1,750,000	\$1,621,000	\$1,677,700	\$1,736,400	\$1,797,100
B.Operation & Maintenance												
100. Electricity	\$140,576	\$75,263	\$80,975	\$125,288	\$93,000	\$69,000	\$53,600		\$51,000	\$52,000	\$53,100	\$54,100
101. Natural Gas	6,820	6,010	6,346	4,991	10,000	9,500	10,400		10,800	11,250	11,700	12,200
102. Water, Garbage, Other	28,603	22,573	17,838	23,816	35,000	29,000	48,400		34,400	35,450	36,500	37,600
103. Odor Control	4,591	3,603	39,195	1,806	3,000	2,800	3,000		3,100	3,200	3,300	3,400
104. Fuel - Generators	16,023	15,301	3,382	3,423	14,000	10,300	12,500		12,900	13,250	13,650	14,100
112. Communication	15,620	15,094	17,690	18,515	22,000	22,750	24,900		23,900	24,100	25,300	25,500
113. Emergency/Safety Eqpt	9,538	15,005	13,018	10,391	23,000	19,390	43,600		24,300	25,000	25,750	27,200
116. Supplies	29,175	27,058	31,799	26,144	31,300	27,500	31,350		31,550	32,500	33,500	34,500
117. Employee/Duty Costs	22,151	19,573	20,039	11,348	26,000	14,750	26,000		26,450	26,950	27,400	27,900
124. Contract Services	127,218	131,034	203,705	209,816	216,100	216,110	222,600		203,500	204,300	205,000	27,300
130. NPDES Permit Fees	53,000	53,000	53,000	53,000	53,000	53,000	53,000		53,000	53,000	53,000	53,000
131. Sludge Hauling/Disposal Services	20,000	64,274	134,615	119,669	80,000	80,000	85,000		43,800	45,100	46,450	47,850
400. Chemicals	84,369	127,772	125,859	109,342	130,250	130,300	229,800		236,700	243,800	251,100	258,650
500. Eqpt/Eqpt Repair	763,286	642,336	997,579	2,178,507	1,094,550	928,450	1,191,250		1,435,650	1,825,000	1,742,750	899,800
800. Building & Grounds	200,700	222,016	231,631	242,897	245,850	213,850	412,350		324,950	334,850	243,150	228,300
Subtotal	\$1,521,669	\$1,439,911	\$1,976,672	\$3,138,955	\$2,077,050	\$1,826,700	\$2,447,750	\$2,940,000	\$2,516,000	\$2,929,750	\$2,771,650	\$1,751,400
C. Vehicles												
222. Gas/Fuel	\$18,255	\$16,834	\$16,360	\$10,798	\$22,000	\$22,800	\$24,500		\$25,250	\$26,000	\$26,750	\$27,600
225. Operation/Repair	9,911	10,073	5,065	5,132	8,000	7,500	8,500		8,750	9,000	9,300	9,550
226. Vehicle Purchase	4,851	10,778	64,060	0	54,500	50,850	59,000		24,000	(7,000)	55,000	0
Subtotal	\$33,017	\$37,685	\$85,486	\$15,930	\$84,500	\$81,150	\$92,000	\$110,000	\$58,000	\$28,000	\$91,050	\$37,150
TOTALS	\$2,744,949	\$2,709,217	\$3,348,238	\$4,531,797	\$3,605,250	\$3,335,186	\$4,062,350	\$4,800,000	\$4,195,000	\$4,635,450	\$4,599,100	\$3,585,650

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 22-23 Appropriation	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
13. Laboratory												
A. Salary & Wages	ΦΕ4.000	Φ 7 Ε 400	Φ 7 Ε 000	Φ 7 0.004	#00.450	# 00 7 40	#05.050		#00 F00	#00.050	#05.000	#00.050
009. Oper. Management	\$54,228	\$75,106 145,486	\$75,903	\$78,304 164,103	\$82,150	\$66,710	\$85,250		\$89,500	\$92,650 198,650	\$95,900	\$99,250
040. Laboratory 085. Incentive	156,506	145,466	158,457	164,102	172,200 600	181,146 400	182,800		191,950 0	198,000	205,650 0	212,800 0
086. Vacation Buyout					4,600	1,934	0		0	0	0	0
090. Work from Home Reimbursement Allo	Wonoo			25	4,600	1,934	0		0	0	0	0
090. Work from Home Reimbursement Allo	wance			25	U	U	U		U	U	U	U
Subtotal	\$210,735	\$220,591	\$234,360	\$242,431	\$259,550	\$250,189	\$268,050	\$310,000	\$281,450	\$291,300	\$301,550	\$312,050
B. Operation & Maintenance												
112. Communication					\$3,500	\$2,150	\$4,300		\$3,500	\$4,200	\$3,600	\$4,300
114. Chemicals	\$9,566	\$11,478	\$16,704	\$12,740	22,400	18,390	24,500		25,500	26,500	27,500	29,000
115. Eqpt/Eqpt Repair	29,948	18,238	12,532	12,480	53,000	37,820	36,000		28,000	56,000	21,000	20,000
116. Supplies	11,721	8,171	13,207	13,186	23,000	18,190	24,900		25,900	26,900	28,000	29,100
117. Employee/Duty Costs	2,498	3,039	2,265	2,224	5,500	2,100	5,500		5,600	5,700	5,800	5,850
122. Monitoring Equipment	377	769	1,508	2,419	9,000	2,400	9,500		5,500	9,500	5,500	9,500
123. Outside Lab Services	13,344	16,701	18,498	19,321	31,400	20,520	23,000		23,900	24,900	25,900	26,900
Subtotal	\$67,454	\$58,395	\$64,713	\$62,368	\$147,800	\$101,569	\$127,700	\$150,000	\$117,900	\$153,700	\$117,300	\$124,650
C. Vehicles												
222. Gas/Fuel	\$392	\$362	\$444	\$251	\$600	\$530	\$650		\$650	\$700	\$700	\$750
225. Operation/Repair	96	106	1,245	189	250	120	250		250	250	300	300
226. Vehicle Purchase	0	0	0	0	0	0	18,500		0	0	27,500	0
Subtotal	\$487	\$469	\$1,689	\$440	\$850	\$650	\$19,400	\$30,000	\$900	\$950	\$28,500	\$1,050
TOTALS	\$278,675	\$279,455	\$300,762	\$305,239	\$408,200	\$352,408	\$415,150	\$490,000	\$400,250	\$445,950	\$447,350	\$437,750

						FY 21-22						
	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Projected	FY 22-23	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	Actual	Actual	Actual	Actual	Budget	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
14. Collection System												
A. Salary & Wages												
006. Engineering			\$8,324	\$7,641	\$10,250	\$3,303	\$9,600		\$10,050	\$10,400	\$10,750	\$11,150
050. Sewer Maintenance	\$161,571	\$184,433	189,689	233,518	203,350	224,575	202,800		212,950	220,400	228,100	236,100
060. Inspection	271,723	295,613	195,426	168,752	247,100	220,361	294,400		309,100	319,950	331,150	342,700
070. Investigations	10,595	9,245	4,245	1,312	4,800	1,983	1,550		1,600	1,650	1,700	1,800
085. Incentive	.,	-, -	, -	200	1,400	1,400	0		0	0	0	0
086. Vacation Buyout					10,850	0	0		0	0	0	0
090. Work from Home Reimbursement Allo	wance			800	1,300	238	650		0	0	0	0
Subtotal	\$443,889	\$489,291	\$397,684	\$412,223	\$479,050	\$451,859	\$509,000	\$590,000	\$533,700	\$552,400	\$571,700	\$591,750
Castolai	Ψ110,000	Ψ100,201	φοστ,σστ	Ψ112,220	Ψ170,000	Ψ101,000	φοσο,σσσ	φοσο,σσο	φοσο, 1 σσ	ψουΣ, 100	φον 1,100	φοσ 1,7 σσ
B. Operation & Maintenance												
112. Communication	\$8,534	\$7,605	\$7,828	\$8,100	\$11,500	\$8,100	\$13,400		\$13,300	\$13,700	\$13,600	\$13,800
113. Emer/Safety Equipment	4,697	1,031	958	3,580	4,600	2,960	2,800		3,100	3,200	3,300	3,400
115. Eqpt/Eqpt Repair	73,191	27,514	50,497	21,821	37,400	36,230	59,000		40,700	41,900	43,200	61,950
116. Supplies	4,893	4,943	3,077	4,786	4,500	6,400	4,650		5,400	5,550	5,750	5,900
117. Employee/Duty Costs	9,951	7,708	9,315	6,063	13,500	5,050	13,600		13,850	14,100	14,350	14,600
124. Contract Services	71,093	107,940	120,840	80,808	105,000	79,752	105,000		105,000	105,000	105,000	105,000
127. JULIE	17,386	16,526	16,489	16,224	15,750	15,800	16,100		16,400	16,700	17,000	17,300
128. Overhead Sewer Program	11,080	22,634	6,088	27,333	40,000	14,800	15,000		15,000	15,000	15,000	15,000
129. Public Sewer Blockage Program	3,232	5,426	502	3,559	12,000	7,300	12,000		12,000	12,000	12,000	12,000
900. Collection System Repair	1,887,222	1,972,430	1,054,951	1,412,771	2,833,600	1,686,823	3,796,600		2,391,600	2,417,600	2,408,600	2,476,600
Subtotal	\$2,091,278	\$2,173,756	\$1,270,544	\$1,585,044	\$3,077,850	\$1,863,213	\$4,038,150	\$4,850,000	\$2,616,350	\$2,644,750	\$2,637,800	\$2,725,550
C. Vehicles												
222. Gas/Fuel	\$14,490	\$13,263	\$12,253	\$8,436	\$26,000	\$15,400	\$22,000		\$22,700	\$23,850	\$25,050	\$26,300
225. Operation/Repair	10,189	6,188	12,175	6,994	6,700	6,300	7,000		7,100	7,200	7,300	7,400
226. Vehicle Purchase	36,242	411	25,720	26,461	(12,500)	30,795	0		555,500	28,000	62,000	170,000
Subtotal	\$60,921	\$19,862	\$50,149	\$41,891	\$20,200	\$52,495	\$29,000	\$40,000	\$585,300	\$59,050	\$94,350	\$203,700
TOTALS	\$2,596,088	\$2,682,909	\$1,718,377	\$2,039,158	\$3,577,100	\$2,367,568	\$4,576,150	\$5,480,000	\$3,735,350	\$3,256,200	\$3,303,850	\$3,521,000

						FY 21-22						
	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Projected	FY 22-23	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	Actual	Actual	Actual	Actual	Budget	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
15. Lift Stations												
A. Salary & Wages												
006. Engineering			\$1,361	\$726	\$9,150	\$5,012	\$6,850		\$7,200	\$7,450	\$7,700	\$7,950
009. Oper. Management	\$5,734	\$9,494	3,998	106	4,000	1,698	300		300	300	350	350
030. Building & Grounds	1,943	1,355	3,394	286	7,200	1,103	750		750	800	800	850
080. Lift Station Maint.	73,740	69,327	53,858	11,861	65,650	9,356	21,650		25,600	26,450	27,400	28,350
Subtotal	\$81,418	\$80,176	\$62,611	\$12,979	\$86,000	\$17,170	\$29,550	\$40,000	\$33,850	\$35,000	\$36,250	\$37,500
B. Operation & Maintenance												
100. Electricity	\$109,875	\$115,955	\$119,635	\$101,719	\$135,000	\$115,940	\$128,000		\$133,100	\$138,400	\$143,900	\$149,700
102. Water, Garbage, Other	0	0	0	. ,	0	0	. ,		0	0	0	0
104. Fuel - Generators	3,337	3,729	2,789	3,734	3,500	3,600	3,750		3,900	4,000	4,100	4,250
112. Communication	4,040	4,228	4,396	4,390	6,500	4,550	6,300		6,150	6,250	6,350	6,650
113. Emer/Safety Eqpt.	74	0	274	59	1,000	1,200	1,000		1,050	1,050	1,100	1,150
116. Supplies	387	432	73	183	400	120	300		300	300	350	350
500. Eqpt/Eqpt Repair	93,296	155,538	112,519	72,416	398,700	364,940	675,550		707,650	698,750	645,000	1,160,150
800. Building & Grounds	61,657	36,795	88,461	15,122	149,500	92,700	62,350		63,950	45,850	39,750	46,700
Subtotal	\$272,665	\$316,677	\$328,148	\$197,622	\$694,600	\$583,049	\$877,250	\$1,050,000	\$916,100	\$894,600	\$840,550	\$1,368,950
TOTALS	\$354,083	\$396,853	\$390,759	\$210,601	\$780,600	\$600,219	\$906,800	\$1,090,000	\$949,950	\$929,600	\$876,800	\$1,406,450
17. Insurance & Employee Benefits												
E. Insurance & Payroll												
452. Liability/Property	\$182,779	\$173,012	\$190,591	\$199,837	\$220,000	\$215,000	\$231,000		\$232,950	\$233,250	\$234,900	\$237,100
455. Employee Group Coverage	456,818	509,573	472,701	451,363	524,000	521,000	597,300		631,850	668,900	717,050	750,400
460. I.M.R.F.	311,454	320,556	275,719	296,425	317,000	289,000	296,000		339,600	335,700	331,200	326,100
461. Social Security	209,026	213,468	218,714	220,546	242,000	229,000	245,000		257,500	266,000	275,000	284,500
TOTALS	\$1,160,077	\$1,216,608	\$1,157,725	\$1,168,171	\$1,303,000	\$1,254,000	\$1,369,300	\$1,570,000	\$1,461,900	\$1,503,850	\$1,558,150	\$1,598,100
GRAND TOTALS	\$8,295,420	\$8,539,717	\$8,284,836	\$9,482,918	\$11,301,900	\$9,255,557	\$13,015,350	\$15,400,000	\$12,306,900	\$12,442,700	\$12,344,350	\$12,199,150

						FY 21-22						
	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Projected	FY 22-23	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	Actual	Actual	Actual	Actual	Budget	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
REVENUES	40.404.505	* 0.400.000	** ***	*** • • • • • • • • • • • • • • • • • •	.	40 500 000	*** • • • • • • • • • • • • • • • • • •	* • • • • • • • • • • • • • • • • • • •	40.074.000	* 4.0= 000	* 4	* 4
User receipts	\$3,181,525	\$3,132,389	\$3,097,564	\$3,317,633	\$3,470,300	\$3,589,362	\$3,692,500	\$3,692,500	\$3,874,800	\$4,135,300	\$4,393,600	\$4,343,600
Surcharges	335,186	333,079	343,452	310,537	307,500	343,425	312,000	\$312,000	336,000	360,000	384,000	393,000
Monthly service fees	3,571,582	3,843,884	4,068,677	4,126,210	4,132,000	4,132,047	4,535,600	4,535,600	5,019,700	5,503,700	5,987,800	6,471,800
Plan review fees	2,481	364	418	230	500	2,837	500	500	500	500	500	500
Const inspection fees	0	0	0	0	500	548	500	500	500	500	500	500
Permit inspection fees	27,661	25,810	24,728	16,952	20,000	16,285	20,000	20,000	20,000	20,000	20,000	20,000
Interest	14,562	43,087	51,925	21,539	18,000	5,860	7,000	7,000	4,800	3,350	3,200	4,300
Sampling & monitoring charges	94,702	100,401	103,235	104,388	75,000	109,350	105,000	105,000	110,250	113,550	116,950	120,500
Real estate taxes	1,144,467	1,183,080	1,219,196	1,255,378	1,291,800	1,301,388	1,339,900	1,339,900	1,379,600	1,420,400	1,462,400	1,505,700
Television inspection fees	0	0	0	0	150	0	150	150	150	150	150	150
Replacement taxes	72,184	74,500	98,083	92,480	75,000	132,105	85,000	85,000	85,000	85,000	85,000	85,000
Lease payments	33,375	33,899	34,456	34,707	35,000	35,626	35,600	35,600	35,950	36,300	36,650	37,050
Miscellaneous	15,017	14,225	13,502	31,930	10,000	8,200	10,000	10,000	10,000	10,000	10,000	10,000
Grease Waste	201,690	224,488	186,142	149,426	220,000	199,670	210,000	210,000	220,000	220,000	220,000	220,000
Renewable Energy Credits	4,644	11,627	3,722	0	3,000	2,000	3,000	3,000	3,000	3,000	3,000	3,000
Grants and Incentives						230,260	1,150,000	1,150,000	0	0	0	0
TOTAL REVENUES	\$8,699,075	\$9,020,833	\$9,245,099	\$9,461,410	\$9,658,750	\$10,108,962	\$11,506,750	\$11,506,750	\$11,100,250	\$11,911,750	\$12,723,750	\$13,215,100
TOTAL EXPENSES	\$8,295,420	\$8,539,717	\$8,284,836	\$9,482,918	\$11,301,900	\$9,255,557	\$13,015,350	\$15,400,000	\$12,306,900	\$12,442,700	\$12,344,350	\$12,199,150
EXCESS (DEFICIT) REVENUES												
OVER EXPENSES	\$403,655	\$481,117	\$960,263	(\$21,507)	(\$1,643,150)	\$853,405	(\$1,508,600)	(\$3,893,250)	(\$1,206,650)	(\$530,950)	\$379,400	\$1,015,950
ENDING FUND BALANCE	\$2,796,510	\$3,277,627	\$4,237,890	\$4,216,382	\$2,573,232	\$5,069,788	\$3,561,188	\$1,176,538	\$2,354,538	\$1,823,588	\$2,202,988	\$3,218,937
DESIGNATED FOR REPLACEMENT	\$820,000	\$820,000	\$820,000	\$820,000	\$820,000	\$820,000	\$820,000		\$820,000	\$820,000	\$820,000	\$820,000
UNDESIGNATED	\$1,976,510	\$2,457,627	\$3,417,890	\$3,396,382	\$1,753,232	\$4,249,788	\$2,741,188		\$1,534,538	\$1,003,588	\$1,382,988	\$2,398,937
ENDING FUND BALANCE AS PERCENTAGE												
	240/	200/	F40/	4.40/	000/	55%	070/		400/	450/	400/	000/
OF TOTAL EXPENSES	34%	38%	51%	44%	23%	55%	27%		19%	15%	18%	26%
USER RATE	\$1.65	\$1.65	\$1.70	\$1.80	\$1.95	\$1.95	\$2.05		\$2.20	\$2.40	\$2.60	\$2.60
OSERTATE	φ1.05	φ1.05	φ1.70	ψ1.00	ψ1.95	φ1.93	Ψ2.03		Ψ2.20	Ψ2.40	Ψ2.00	Ψ2.00
INCREASE FROM PRIOR YEAR'S RATE	0.0%	0.0%	3.0%	5.9%	14.7%	14.7%	5.1%		7.3%	9.1%	8.3%	0.0%
MONTHLY SERVICE FEE	\$15.00	\$16.00	\$17.00	\$17.00	\$17.00	\$17.00	\$19.00		\$21.00	\$23.00	\$25.00	\$27.00
INCREASE FROM RRIOR VEARINGEE	44 40/	0.70/	0.00/	0.00/	0.00/	0.00/	44.00/		40 50/	0.50/	0.70/	0.00/
INCREASE FROM PRIOR YEAR'S FEE	11.1%	6.7%	6.3%	0.0%	0.0%	0.0%	11.8%		10.5%	9.5%	8.7%	8.0%

GENERAL CORPORATE FUND EXPENDITURES

<u>Summary</u>

The annual budgets for operation, maintenance and replacement for the next five years are contained in Exhibit 1. The proposed budget amounts represent the best estimates of actual expenditures each year. Necessary contingencies for FY 2022-23 are provided in the proposed appropriation amounts for the major categories in each department. The appropriation amounts represent the legal limit on spending during the year as established in the appropriation ordinance.

Actual expenditures for FY 2021-22 are projected to be \$9,255,557, which is approximately 18% less than was budgeted. A large portion of this difference is due to the outfall sewer repair project bid being delayed and hence the construction being moved into FY 2022-23. Total operation, maintenance and replacement expenditures for FY 2022-23 are budgeted at \$13,015,350 and actual expenditures are expected to be 100% of budget. The FY 2022-23 budget is approximately 15% higher than the FY2021-22 budget. This increase in budgeted expenses over the previous year's budget is primarily due to the delay in bidding the outfall sewer repair project and the Centex Lift Station replacement bids coming in over budget. For the past few years, the ending fund balance has been above the target level, which is 25% of the total annual expenses. The increase in expenditures in FY 2022-23 will spend down the surplus. The following table presents budget and actual totals for the last ten years and projected budget totals for the next five years:

	O & M	Actual	% of Actual	Annual Increase in Actual
Figaal Voor				
<u>Fiscal Year</u>	<u>Budget</u>	<u>Expenditures</u>	to Budget	<u>Expenditures</u>
2012-13	7,275,100	7,414,342	102%	-4.8%
2013-14	7,589,050	7,559,060	100%	2.0%
2014-15	7,509,450	7,546,493	100%	-0.2%
2015-16	7,824,150	7,379,248	94%	-2.2%
2016-17	8,343,000	8,299,047	99%	12.5%
2017-18	8,796,200	8,295,420	94%	0.0%
2018-19	9,204,250	8,539,717	93%	2.9%
2019-20	9,429,400	8,284,836	88%	-3.0%
2020-21	10,931,950	9,482,918	87%	14.5%
2021-22	11,301,900	9,255,557*	82%*	-2.4%*
2022-23	13,015,350	13,015,350*	100%*	40.6%*
2023-24	12,306,900	12,306,900*	100%*	-5.4%*
2024-25	12,442,700	12,442,700*	100%*	1.1%*
2025-26	12,344,350	12,344,350*	100%*	-0.8%*
2026-27	12,199,150	12,199,150*	100%*	-1.2%*
*Projected	· · · · ·			

The decrease in FY 2012-13 was primarily due to reduced operating costs associated with low rainfall totals during this period. The increase from FY 2015-16 to FY 2016-17 represents the successful completion of new and outstanding sewer system rehabilitation and replacement projects and new equipment in the sewer televising truck. The increase from FY 2017-18 to FY 2018-19 represents an increase in the annual expenditures for sewer replacement and rehabilitation. The increase from FY 2019-20 to FY 2020-21 is due to

carryover of FY 2019-20 projects as well as CHP engine replacement. In general, the increase in proposed O&M budget for the next five years over expenditures for the past ten years is due to several projects and equipment replacements associated with aging infrastructure which are shown in Exhibit 2. The FY 2022-23 is significantly higher than the projected actual expenditures in FY 2021-22 for several additional reasons, which are discussed in more detail below.

Analysis by Type of Expenditure

I. Salaries and Wages

<u>Year</u>	Salaries and Wages	<u>Change</u>	Full Time <u>Equivalents</u>
FY 2017-18	2,716,088	4.8%	37.8
FY 2018-19	2,899,501	6.8%	38.7
FY 2019-20	3,015,522	4.0%	36.7
FY 2020-21	2,932,985	-2.7%	35.5
FY 2021-22	3,030,367	3.3%	36.3
FY 2022-23	3,270,100	7.9%	37.4
FY 2023-24	3,431,650	5.5%	37.7
FY 2024-25	3,571,550	3.5%	37.7
FY 2025-26	3,695,950	3.5%	37.7
FY 2026-27	3,824,650	3.5%	37.7

Increases in FY 2017-18 and FY 2018-19 reflect turnover at the sewer technician position and some overlapping hires needed to address pending retirements. The increase in FY 2019-20 reflects the retirement of an inspector, the addition of a staff engineering position, and some overlapping hires needed to address pending retirements. Salaries and wages decreased in FY 2020-21 reflects turnover at two higher salary positions, the general manager and sewer construction supervisor positions, due to retirement. The increase in FY 2021-22 reflects hiring of a permit technician to fill the position that was vacated by a promotion to the sewer construction supervisor position, hiring an operator due to a pending retirement, and the COVID pandemic related compensation, including the work from home allowance, vaccination incentives and a vacation buyout. The increase in FY 2021-22 due to these items was offset by the administrative supervisor position being open for a couple of months. The increase in FY 2022-23 reflects an average full-time salary adjustment of 5% plus expected hire of a mechanic in July 2022. FY 2023-24 salaries and wages also reflects a 5% salary adjustment. Annual salary adjustments of 3.5% at full staffing account for future increases beyond FY 2023-24.

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II. O & M Expenses – Utilities

<u>Year</u>	<u>Utilities</u>	<u>Change</u>
FY 2017-18	293,443	-13.5%
FY 2018-19	223,652	-23.8%
FY 2019-20	229,948	2.8%
FY 2020-21	261,230	13.6%
FY 2021-22	237,400	-9.1%
FY 2022-23	254,650	7.3%
FY 2023-24	244,050	-4.2%
FY 2024-25	252,400	3.4%
FY 2025-26	261,100	3.4%
FY 2026-27	270,100	3.4%

Reductions in FY 2017-18 and FY 2018-19 reflect implementation of the second phase of the CHP gas utilization system. The increases in FY 2019-20 and FY 2020-21 are due to one and at times both CHP gas utilization systems being out of service. The CHP system to replace the CHP unit that failed in 2019 was placed into full-time operation in March of 2021. The decrease in FY 2021-22 is due to the second CHP system being in service for the entire year. The increase in FY 2022-23 and subsequent decrease in FY 2023-24 is due to garbage expenses associated with years of accumulated grit removed from the sewer system during cleaning and spent media from the biogas cleaning system, which are planned to be removed in 2022. Electric price increases are projected to grow at 2% per year. Natural gas use is expected to remain low compared to historic levels.

III. O & M Expenses – Other

<u>Year</u>	O & M Expenses - Excluding Utilities	<u>Change</u>
FY 2017-18	4,030,120	-4.1%
FY 2018-19	4,139,970	2.7%
FY 2019-20	3,740,986	-9.6%
FY 2020-21	5,061,591	35.3%
FY 2021-22	4,596,995	-9.2%
FY 2022-23	7,964,300	73.3%
FY 2023-24	6,500,650	-18.4%
FY 2024-25	6,998,200	7.7%
FY 2025-26	6,610,450	-5.5%
FY 2026-27	6,259,550	-5.3%

The increase from FY 2017-18 to FY 2018-19 represents an increase in the annual expenditures for sewer replacement and rehabilitation. The FY 2020-21 expenses are significantly higher than previous years due to replacement of a CHP engine and a composting pilot as well as the WAS thickener project not being completed in FY 2019-20 as originally planned. In general, expenses over the next five years are significantly higher in comparison to the last five years to address aging infrastructure. Expenses for FY 2022-23 are significantly higher than previous years for several reasons in addition to aging infrastructure. These include the outfall sewer sag repair project bid being delayed, Centex Lift Station bids coming in high, higher than historic inflation rates, ADA compliance issues being addressed at the Administrative Center,

digester cleaning, and SCADA software upgrades. Another major expense budgeted for FY 2022-23 is the Curtiss St inceptor lining project which was included in the Fiscal Year 2022 Interior, Environment, and Related Agencies Funding Bill approved by the House Appropriations Committee. The requested federal share for this project is included under FY 2022-23 revenue. Should the funding not be approved, sufficient funds would not be available in FY 2022-23 and a smaller sewer project would be completed instead. Three major lift station projects will be funded out of the Improvement Fund over the next five years. The Improvement Fund does not have a sufficient balance to fully fund these projects. As a result, transfer of funds from the General Corporate Fund is planned for every year in the five-year period. A biosolids processing/storage improvements project is planned to be funded out of the Construction Fund in FY 23-24. Transfer of funds from the General Corporate Fund to replenish the Construction Fund for future needs is planned for FY 24-25 and FY 25-26. Major planned expenses are detailed in Exhibit 2.

IV. Vehicles

<u>Year</u>	Vehicle <u>Expenses</u>	Number of <u>Vehicles</u>	<u>Change</u>
FY 2017-18	95,692	2	120.7%
FY 2018-19	59,986	1	-37.3%
FY 2019-20	140,654*	3*	134.5%
FY 2020-21	58,941	1	-58.1%
FY 2021-22	136,795	4	132.1%
FY 2022-23	157,000	4	14.8%
FY 2023-24	648,850	4	313.3%
FY 2024-25	116,700	2	-82.0%
FY 2025-26	218,700	6	87.4%
FY 2026-27	246,750	1	12.8%

^{*}Revenue from the sale of a portion of the vehicles replaced is not included in the expense shown, whereas it is for all other years.

Vehicle expenses fluctuate based on vehicle replacement needs and average \$188,007 per year during the ten-year period shown. Small vehicles are generally scheduled for replacement after six years of use, while larger heavy-duty vehicles have a longer service life. Small CNG vehicles are scheduled for replacement after 10 years. The planned replacement schedule, however, has been affected by the COVID pandemic. Ordered vehicles are taking much longer to arrive, vehicle costs have significantly increased, and the District has opted to keep a few vehicles after the replacement arrived to limit employees riding in a vehicle together. Replacement of the heavy-duty sewer system jetter/vacuum truck is anticipated in FY 2023-24. The budgeted value for this vehicle was substantially increased above what was budgeted previously based on recent quotes received. Proposed vehicle replacements are detailed in Exhibit 2 under budget codes 11C226, 12C226, 13C226 and 14C226. The two vehicles which were planned to be sold in FY19-20 were not sold until FY20-21 due to delays associated with the COVID pandemic. Rather than posting the revenue against the vehicle expenses as is normally done, the \$20,251 sales revenue was posted to miscellaneous revenue for FY20-21.

V. <u>Insurance and Employee Benefits</u>

<u>Year</u>	Ins/Emp Benefits	<u>Change</u>
FY 2017-18	1,160,077	3.3%
FY 2018-19	1,216,608	4.9%
FY 2019-20	1,157,725	-4.8%
FY 2020-21	1,168,171	0.9%
FY 2021-22	1,254,000	7.3%
FY 2022-23	1,369,300	9.2%
FY 2023-24	1,461,900	6.8%
FY 2024-25	1,503,850	2.9%
FY 2025-26	1,558,150	3.6%
FY 2026-27	1,598,100	2.6%

The proposed increases in these expenditures are due to anticipated premium increases on all coverages, particularly employee group medical, workers compensation and property and liability. IMRF contributions are expected to decrease moderately each year over the next five years due to anticipated retirement activity. Proposed employee group insurance expenses reflect the addition of another employee. Proposed IMRF and social security expenses reflect the proposed annual salary adjustments.

Analysis by Department

The following tables provide an analysis of proposed expenditures from the General Corporate Fund by Department.

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 22-23 Appropriation	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT ADMINISTRATION												
SALARIES AND WAGES % CHANGE FROM PRIOR YEAR	\$789,783 1.9%	\$877,821 11.1%	\$1,034,786 17.9%	\$888,440 -14.1%	\$981,700 10.5%	\$883,812 -0.5%	\$940,900 6.5%	\$1,080,000	\$981,450 4.3%	\$1,015,150 3.4%	\$1,050,050 3.4%	\$1,086,250 3.4%
OFFICE EXPENSES % CHANGE FROM PRIOR YEAR	\$370,498 6.5%	\$374,883 1.2%	\$330,858 -11.7%	\$338,832 2.4%	\$624,450 84.3%	\$459,864 35.7%	\$728,100 58.3%	\$870,000	\$578,350 -20.6%	\$627,800 8.6%	\$504,250 -19.7%	\$559,100 10.9%
VEHICLE EXPENSES % CHANGE FROM PRIOR YEAR	\$1,267 -1.7%	\$1,971 55.6%	\$3,331 69.0%	\$680 -79.6%	\$21,600 3077.6%	\$2,500 267.8%	\$16,600 564.0%	\$20,000	\$4,650 -72.0%	\$28,700 517.2%	\$4,800 -83.3%	\$4,850 1.0%
TOTAL ADMINISTRATION EXPENSES % CHANGE FROM PRIOR YEAR	\$1,161,547 3.3%	\$1,254,674 8.0%	\$1,368,974 9.1%	\$1,227,952 -10.3%	\$1,627,750 32.6%	\$1,346,176 9.6%	\$1,685,600 25.2%	\$1,970,000	\$1,564,450 -7.2%	\$1,671,650 6.9%	\$1,559,100 -6.7%	\$1,650,200 5.8%

Salaries and Wages

Salary levels generally increase with projected salary adjustments. The higher salary level in FY19-20 was a result of succession planning for the General Manager position. The decrease in salary level in FY20-21 was a result of retirements at the General Manager and Sewer Construction Supervisor positions. The projected actual salary in FY21-22 is lower than budgeted due to the planned IT Specialist position not being filled, the Administrative Supervisor position being open for two months and a much larger portion of the Permit Tech's time being spent on inspections (which are coded to the Collection System Department) instead of permit work.

Office

Planned improvements to the Administration Center include remodeling the reception area, a kitchenette in the Board room, new carpeting and re-roofing. Office servers, network infrastructure, software updates, a new timekeeping system and new accounting system software are also included in the five-year plan. With the FY21-22 change in staffing at the Administrative Supervisor position, contract services for IT support have been increased and are reflected in the office costs.

Vehicles

Vehicle costs reflect fuel, normal maintenance and repairs and replacement of vehicles in FY22-23 and FY24-25. Starting in FY22-23, the Sewer Maintenance Supervisor vehicle, which was historically shared with office staff, has been moved out of this billing code and into the Collection System Department vehicles costs.

						FY 21-22						
	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Projected	FY 22-23	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	Actual	Actual	Actual	Actual	Budget	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT WASTEWATER TREATMENT CENTER												
SALARIES AND WAGES % CHANGE FROM PRIOR YEAR	\$1,190,263 4.7%	\$1,231,621 3.5%	\$1,286,080 4.4%	\$1,376,912 7.1%	\$1,443,700 4.9%	\$1,427,336 3.7%	\$1,522,600 6.7%	\$1,750,000	\$1,621,000 6.5%	\$1,677,700 3.5%	\$1,736,400 3.5%	\$1,797,100 3.5%
OPERATION & MAINTENANCE EXPENSES % CHANGE FROM PRIOR YEAR	\$1,521,669 -2.5%	\$1,439,911 -5.4%	\$1,976,672 37.3%	\$3,138,955 58.8%	\$2,077,050 -33.8%	\$1,826,700 -41.8%	\$2,447,750 34.0%	\$2,940,000	\$2,516,000 2.8%	\$2,929,750 16.4%	\$2,771,650 -5.4%	\$1,751,400 -36.8%
VEHICLE EXPENSES % CHANGE FROM PRIOR YEAR	\$33,017 106.8%	\$37,685 14.1%	\$85,486 126.8%	\$15,930 -81.4%	\$84,500 430.4%	\$81,150 409.4%	\$92,000 13.4%	\$110,000	\$58,000 -37.0%	\$28,000 -51.7%	\$91,050 225.2%	\$37,150 -59.2%
TOTAL PLANT EXPENSES % CHANGE FROM PRIOR YEAR	\$2,744,949 1.1%	\$2,709,217 -1.3%	\$3,348,238 23.6%	\$4,531,797 35.3%	\$3,605,250 -20.4%	\$3,335,186 -26.4%	\$4,062,350 21.8%	\$4,800,000	\$4,195,000 3.3%	\$4,635,450 10.5%	\$4,599,100 -0.8%	\$3,585,650 -22.0%

Salaries and Wages WWTC salaries and wages reflect full staffing and projected annual salary adjustments. Retirement of an operator in March of 2022 and hiring an additional mechanic in

Summer of 2022 are also reflected.

Operation & Maintenance Planned upgrades and replacements are detailed in Exhibit 2 under codes 12B500 and 12B800. Operation & maintenance expenses in FY22-23 are planned to

increase due to digester cleaning, wheel loader replacement, SCADA PLC upgrades and SCADA software platform replacement. Costs are also budgeted higher due to expected increases in pricing from vendors across all items. The increase shown for FY24-25 and FY25-26 is for a planned transfer to the Construction Fund as repayment for the proposed FY23-24 biosolids improvements project. The significant decrease in FY26-27 is due to no major expenditures other than digester cleaning

being planned for that FY at this time.

Vehicles Vehicle costs vary based on replacement needs. Vehicle replacements are detailed in Exhibit 2 under budget code 12C226.

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 22-23 Appropriation	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT LABORATORY												
SALARIES AND WAGES % CHANGE FROM PRIOR YEAR	\$210,735 5.8%	\$220,591 4.7%	\$234,360 6.2%	\$242,431 3.4%	\$259,550 7.1%	\$250,189 3.2%	\$268,050 7.1%	\$310,000	\$281,450 5.0%	\$291,300 3.5%	\$301,550 3.5%	\$312,050 3.5%
OPERATION & MAINTENANCE EXPENSES % CHANGE FROM PRIOR YEAR	\$67,454 -42.1%	\$58,395 -13.4%	\$64,713 10.8%	\$62,368 -3.6%	\$147,800 137.0%	\$101,569 62.9%	\$127,700 25.7%	\$150,000	\$117,900 -7.7%	\$153,700 30.4%	\$117,300 -23.7%	\$124,650 6.3%
VEHICLE EXPENSES % CHANGE FROM PRIOR YEAR	\$487 -93.3%	\$469 -3.9%	\$1,689 260.5%	\$440 -73.9%	\$850 93.0%	\$650 47.6%	\$19,400 2884.2%	\$30,000	\$900 -95.4%	\$950 5.6%	\$28,500 2900.0%	\$1,050 -96.3%
TOTAL LABORATORY EXPENSES % CHANGE FROM PRIOR YEAR	\$278,675 -13.7%	\$279,455 0.3%	\$300,762 7.6%	\$305,239 1.5%	\$408,200 33.7%	\$352,408 15.5%	\$415,150 17.8%	\$490,000	\$400,250 -3.6%	\$445,950 11.4%	\$447,350 0.3%	\$437,750 -2.1%

Salaries and Wages Projected lab salaries and wages reflect future annual salary adjustments with 2 full-time analysts.

Operation & Maintenance Major expenditures include casework replacements, mold abatement, scheduled equipment replacements and renewal of the online analyzer service

contracts.

Vehicles Vehicle fuel and repair costs for the five year period, with replacement of the lab car identified for FY22-23 and the lab van in FY25-26.

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 22-23 Appropriation	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT COLLECTION SYSTEM												
SALARIES AND WAGES % CHANGE FROM PRIOR YEAR	\$443,889 0.1%	\$489,291 10.2%	\$397,684 -18.7%	\$412,223 3.7%	\$479,050 16.2%	\$451,859 9.6%	\$509,000 12.6%	\$590,000	\$533,700 4.9%	\$552,400 3.5%	\$571,700 3.5%	\$591,750 3.5%
OPERATION & MAINTENANCE EXPENSES % CHANGE FROM PRIOR YEAR	\$2,091,278 -6.8%	\$2,173,756 3.9%	\$1,270,544 -41.6%	\$1,585,044 24.8%	\$3,077,850 94.2%	\$1,863,213 17.5%	\$4,038,150 116.7%	\$4,850,000	\$2,616,350 -35.2%	\$2,644,750 1.1%	\$2,637,800 -0.3%	\$2,725,550 3.3%
VEHICLE EXPENSES % CHANGE FROM PRIOR YEAR	\$60,921 223.0%	\$19,862 -67.4%	\$50,149 152.5%	\$41,891 -16.5%	\$20,200 -51.8%	\$52,495 25.3%	\$29,000 -44.8%	\$40,000	\$585,300 1918.3%	\$59,050 -89.9%	\$94,350 59.8%	\$203,700 115.9%
TOTAL COLLECTION SYSTEM EXPENSES % CHANGE FROM PRIOR YEAR	\$2,596,088 -4.1%	\$2,682,909 3.3%	\$1,718,377 -36.0%	\$2,039,158 18.7%	\$3,577,100 75.4%	\$2,367,568 16.1%	\$4,576,150 93.3%	\$5,480,000	\$3,735,350 -18.4%	\$3,256,200 -12.8%	\$3,303,850 1.5%	\$3,521,000 6.6%

Salaries and Wages The plan reflects full staffing and normal planned annual increases.

Operation & Maintenance Continued implementation of the Building Sanitary Service Repair Assistance Program (BSSRAP) is reflected, with an expected increase. This is anticipated due to the need to rebid the BSSRAP services in early FY22-23 as the current 5-year contract will be ending. The increase in operation & maintenance costs for FY22-23 is a result of planned replacement of a section of the Wastewater Treatment Center outfall sewer pipe and the proposed Curtiss St interceptor lining project. The Curtiss St lining project will only be done in FY22-23 if federal funding is received. The expected federal funding is reflected under grants and incentives revenue for FY22-23.

Vehicles

Vehicle costs reflect fuel and normal maintenance and repairs. Future vehicle purchases are shown in Exhibit 2 under section 14C226. FY23-24 includes replacement of the combination vacuum/jet truck and FY26-27 includes the replacement of the jetter truck.

						FY 21-22						
	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Projected	FY 22-23	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	Actual	Actual	Actual	Actual	Budget	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT LIFT STATIONS												
SALARIES AND WAGES % CHANGE FROM PRIOR YEAR	\$81,418 116.0%	\$80,176 -1.5%	\$62,611 -21.9%	\$12,979 -79.3%	\$86,000 562.6%	\$17,170 32.3%	\$29,550 72.1%	\$40,000	\$33,850 14.6%	\$35,000 3.4%	\$36,250 3.6%	\$37,500 3.4%
OPERATION & MAINTENANCE EXPENSES % CHANGE FROM PRIOR YEAR	\$272,665 0.9%	\$316,677 16.1%	\$328,148 3.6%	\$197,622 -39.8%	\$694,600 251.5%	\$583,049 195.0%	\$877,250 50.5%	\$1,050,000	\$916,100 4.4%	\$894,600 -2.3%	\$840,550 -6.0%	\$1,368,950 62.9%
TOTAL LIFT STATION EXPENSES % CHANGE FROM PRIOR YEAR	\$354,083 15.0%	\$396,853 12.1%	\$390,759 -1.5%	\$210,601 -46.1%	\$780,600 270.7%	\$600,219 185.0%	\$906,800 51.1%	\$1,090,000	\$949,950 4.8%	\$929,600 -2.1%	\$876,800 -5.7%	\$1,406,450 60.4%

Salaries and Wages The budget reflects salary adjustments based on the proportion of recent time spent on lift stations for maintenance staff. The higher increase shown for FY22-23 reflects anticipated staff time spent on the larger lift station projects planned for the next few years, as shown in Exhibit 2.

Operation & Maintenance Planned expenses for the lift stations are shown in Exhibit 2 under 15B500 and 15B800. Major expenses include internal testing of the Wroble forcemain and transfer of

funds to the Improvement Fund for replacement of the Centex and Butterfield Lift Stations and the Venard force main.

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 22-23 Appropriation	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT INSURANCE AND EMPLOYEE BENEFITS												
TOTAL INSURANCE/EMPLOYEE BENEFITS % CHANGE FROM PRIOR YEAR	\$1,160,077 3.3%	\$1,216,608 4.9%	\$1,157,725 -4.8%	\$1,168,171 0.9%	\$1,303,000 11.5%	\$1,254,000 7.3%	\$1,369,300 9.2%	\$1,570,000	\$1,461,900 6.8%	\$1,503,850 2.9%	\$1,558,150 3.6%	\$1,598,100 2.6%

Projected expenses for insurance and employee benefits reflect the following factors:

- 1. Generally expecting annual net increases in liability and property premiums of 5%.
- 2. An increase of 12% for employee group medical was included for FY22-23 at the recommendation of the District's broker. Increases of 6% for employee group medical and dental are included for each year thereafter. This year's budget request also includes additional anticipated expenses related to providing this benefit for an additional employee planned to be hired during the course of the fiscal year.
- 3. IMRF contributions are expected to decrease moderately each year over the next five years. This is due to significant investment returns in 2019 (19.57%) being reflected now in the District's funded status and employer contribution rate. There are several longer-term employee retirements anticipated in the next four years which will impact projected employer contribution rates in the years following.
- 4. No change is expected in the District's social security contribution rate. The overall social security expense accounts for potential increases in wages associated with the hiring of an additional employee as discussed.

GENERAL CORPORATE FUND	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
11B115 (ADMIN-Eqpt/Eqpt Repair) 1. MS Office software licensing updates 2. Replace data servers 3. Update website	10,200	10,400 30,000 10,000	10,600	10,800	11,050 30,000
Replace entire network infrastructure Replace timeclock & accounting system software	55,000	.,	100,000		
Annual Totals	\$65,200	\$50,400	\$110,600	\$10,800	\$41,050
11B118 (ADMIN-Building & Grounds) 1. Remodel front entrance/kitchenette 2. Replace carpeting	130,000	25,000			
Re-roof admin building Annual Totals	\$130,000	\$25,000	17,500 \$17,500	\$0	\$0
11B137 (ADMIN-Dues/Subscriptions)					
National association of clean water agencies Illinois association of wastewater agencies	1,200 4,600	1,200 4,650	1,250 4,750	1,250 4,800	1,250 4,900
Annual Totals	\$5,800	\$5,850	\$6,000	\$6,050	\$6,150
11C226 (ADMIN-Vehicle Purchases)					
Administration vehicles Sale of old vehicles	18,000 (6,000)		28,000 (4,000)		
Annual Totals	\$12,000	\$0	\$24,000	\$0	\$0
12B124 (WWTC-Contract Services)					
1.DRSCW membership/stream restoration	222,600	203,500	204,300	205,000	27,300
Annual Totals	\$222,600	\$203,500	\$204,300	\$205,000	\$27,300
12B130 (WWTC-NPDES Permit Fees) 1. Annual permit fees Annual Totals	53,000 \$53,000	53,000 \$53,000	53,000 \$53,000	53,000 \$53,000	53,000 \$53,000
42P424 (MMTC Studge Hauling/Dienegal Samilara)					
12B131 (WWTC-Sludge Hauling/Disposal Services) 1. Class B Land Application Annual Totals	85,000 \$85,000	43,800 \$43,800	45,100 \$45,100	46,450 \$46,450	47,850 \$47,850

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
12B500 (WWTC-Eqpt/Eqpt Repair)					
Raw sewage pumping					
a. Compactor overhaul	8,500			9,000	9,250
b. Bar screen motor replacement	20,000				
2. Grit removal system					
a. Conveyor overhaul	25,000				
b. Grit classifier overhaul					16,000
c. Grit pump overhaul	6,750	7,000		7,500	
3. Primary treatment					
a. Scum trough replacement	20,000	20,600	21,200		
b. Sludge collector replacement	8,250	8,500	8,750		9,000
c. Sludge collector gear reducer replacement	·				11,000
Secondary treatment					•
a. Protective coatings - secondary clarifiers	48,500	50,000	51,500		40,000
b. Secondary clarifier main gear reducer	,	•	•	25,000	25,000
c. Secondary clarifier weir replacement			70,000	•	•
d. Hoffman/PD blower overhaul	5,000		,	24,500	25,000
e. Aeration tank influent gate actuator	-,		8,500	,	,
f. DO probe replacement		15,000	0,000		
g. Railing, decking and concrete repairs	59,000	40,000			
h. RAS pump overhaul	6,500	15,500	16,000		
i. RAS system VFDs	15,000	10,000	10,000		
5. Intermediate clarifiers	10,000				
a. Protective coatings	37,500	38,600	39,750		
b. Railings	17,500	18,150	18,750		
c. Intermediate sludge pump overhaul	7,500	7,750	10,700		
6. Sand filters	7,500	7,730			
a. Waste washwater pump overhaul	5,250	5,500			
7. Disinfection equipment	3,230	3,300			
a. Fiberglass tank inspections/repairs			35,000		
b. OSEC brine pump replacement			33,000		10,000
c. Bisulfite pump replacements		8,500		9,000	10,000
		4,700		9,000	
d. Hypochlorite feed pump VFD replacements					
e. Hypo brine transfer pump replacement 8. Excess flow tanks		12,500			
		12,000			
a. Overhaul sludge grinder	20.000	12,000			
b. Clarifier scum trough replacement	20,000		0.500		
c. Overhaul sludge pumps	7,750		8,500		20,000
d. Clarifier scraper blade/roller wheel replacements				00.000	20,000
e. Protective Coatings - Bridge				80,000	
9. Sludge concentration				05.000	05.750
a. Concentrator main gear reducers				25,000	25,750
b. WAS thickener feed pump replacement				15,000	45 500
c. TWAS pump replacement					15,500
10. Sludge digestion	44.000				
a. Re-coat/repair covers	14,000	00.000			
b. Digester 3 gas wasting control upgrade	45.000	20,000			
c. Digester 5 gas flare burner replacement	15,000		475.000		
d. Replace digester 2 mixing equipment			175,000		
e. Digester mixing compressor overhaul	405 555	7,250		7,500	7,750
f. Digester cleaning	100,000	105,000	107,500	110,000	110,000
g. Grease grinder overhaul			5,000	5,000	
h. Grease pump replacement				15,000	15,500

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
11. Sludge dewatering system					
Belt press feed pump replacement	12,750			14,500	
b. Belt press conveyor liner replacement					12,000
c. Belt press washwater system pump motor/skid					15,000
12. Biosolids aging and disposal					
a. Wheel loader replacement	78,000			85,000	
b. Auger rebuilds	12,500	12,500	12,500	12,500	12,500
c. Dump truck - 12 yd, replacement		100,000			
d. Curtiss lagoon drain system repairs	30,000				
e. Transfer to Construction Fund (Biosolids Imprvmnts)			500,000	500,000	
13. Maintenance/utilities	2 500				
a. Maintenance Services Building equipment	3,500				0.500
b. Replace portable pump	12 200		700		9,500
c. Main switchgear maintenance d. CHP Engine/Generator overhaul	12,300 10,500	299,000	11,500	318,000	12,500
e. Emergency generator control panel replacement	10,500	299,000	100,000	310,000	12,500
f. SCADA PLC Upgrades	85,000	70,000	80,000	75,000	
g. SCADA software platform replacement	80,000	70,000	70,000	70,000	
h. Software Upgrades (MP2, Hach W MS, BioWin)	2,500	13,500	19,500	2,500	2,500
i. Yard piping repairs	42,400	43,700	45,000	46,400	47,750
Annual Totals	\$816,450	\$1,005,250	\$1,404,650	\$1,386,400	\$451,500
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12B800 (WWTC-Building & Grounds)					
1. Roof repairs	4,000	18,000	27,500	35,000	9,500
2. Road / sidewalk repair	25,000	25,000	50,000	17,500	25,000
3. Window / door replacement	50,500	56,750	54,750	14,500	49,000
4. HVAC repairs	25,000	11,000	20,000		•
5. Outside stairs, railings, gratings, and fencing	10,000				
6. Tuckpointing	40,000	30,000	30,000	30,000	20,000
7. Interior painting	60,000	60,000	35,000	25,000	
8. Locker room remodeling	2,000	10,000			
9. Code review	85,000				
Annual Totals	\$301,500	\$210,750	\$217,250	\$122,000	\$103,500
12C226 (WWTC-Vehicle Purchases)					
Operations supervisor pickup				29,000	
Maintenance supervisor pickup				29,000	
3. Electric cart	16,000			17,500	
4. OPS/Maintenance/Electrical trucks		40,000			
5. Lift station pickup	55,500				
6. Sale of old vehicles	(12,500)	(16,000)	(7,000)	(20,500)	
Annual Totals	\$59,000	\$24,000	(\$7,000)	\$55,000	\$0
13B115 (LAB-Eqpt/Eqpt Repair)					
Casework/mold abatement	15,000				
Autosampler replacement		7,000		10,000	
3. Autoclave			15,000		
4. Incubators	10,000	10,000			
5. pH/Mult-function Meter					5,000
6. TSS Drying Oven			00.000		4,000
7. Amtax/Phosphax/Filtrax Service Partnership	#05.000	¢47.000	30,000	¢40.000	#0.000
Annual Totals	\$25,000	\$17,000	\$45,000	\$10,000	\$9,000
13C226 (LAB-Vehicle Purchase)					
Lab Supervisor vehicle	26,000				
2. Lab supervisor verilicie	20,000			35,000	
3. Sale of old vehicle	(7,500)			(7,500)	
Annual Totals	\$18,500)	\$0	\$0	\$27,500	\$0
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DOWNERS GROVE SANITARY DISTRICT MAJOR REPLACEMENTS AND PURCHASES BY BUDGET CODE FISCAL YEARS 2022-23 TO 2026-27

AADAAS (OSMED OVOTEN SVSA.D)	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
14B115 (SEWER SYSTEM-Eqpt/Eqpt Repair) 1. Camera and monitor Annual Totals	17,500 \$17,500	\$0	\$0	\$0	17,500 \$17,500
14B124 (SEWER SYSTEM-Contract Services) 1. Contract Televising Annual Totals	100,000 \$100,000	100,000 \$100,000	100,000 \$100,000	100,000 \$100,000	100,000 \$100,000
 14B900 (SEWER SYSTEM-System Repairs) 1. Structural/O&M a. Main sewers b. Manholes c. Building sanitary services 2. Sewer replacements and rehabilitation 	80,000 30,000 600,000	80,000 30,000 600,000	80,000 30,000 600,000	80,000 30,000 600,000	80,000 30,000 600,000
a. Sewer replacement 3. I/I Program 4. Outfall pipe rehabilitation and repair 5. IEPA ARRA loan repayment Annual Totals	1,675,000 100,000 1,130,000 181,600 \$3,796,600	1,350,000 100,000 50,000 181,600 \$2,391,600	500,000 100,000 926,000 181,600 \$2,417,600	1,100,000 100,000 317,000 181,600 \$2,408,600	900,000 100,000 585,000 181,600 \$2,476,600
14C226 (SEWER SYSTEM-Vehicle Purchases)1. Inspection/technician vans/trucks2. Supervisor pickup3. Combination vacuum/jet truck4. Sale of old vehiclesAnnual Totals	\$0	35,000 28,000 600,000 (107,500) \$555,500	28,000 \$28,000	77,000 (15,000) \$62,000	200,000 (30,000) \$170,000
15B500 (LIFT STATIONS-Eqpt/Eqpt Repair) 1. Butterfield lift station a. Pump overhaul b. Transfer to Improvement Fund (LS replacement) 2. Centex lift station		3,600	3,700 500,000	500,000	1,000,000
a. Transfer to Imprvmnt Fund (LS replacement) 3. College lift station a. Pump overhaul b. Air relief valves	250,000 15,000 16,000		16,000		17,000
4. Earlston lift station a. Replace pump 5. Hobson lift station			25,000		
a. Pump overhaulb. Intake valve replacementc. Motor replacementd. Switchgear PM	10,000 20,000	10,500	10,750	45,000	8,000
Northwest lift station a. Pump overhaul b. Intake valve replacement c. VFD replacement	3,500 9,000 5,000	5,150		5,450	5,000
7. Venard lift station a. Pump overhaul b. Transfer to Improvement Fund (FM replacement) 8. Wroble lift station	250,000	600,000	11,500	12,000	12,500
a. Pump overhaul b. Forcemain internal investigation c. VFD replacement 9. General maintenance	7,000	5,150 45,000	5,300		
a. Portable pump replacements Annual Totals	8,500 \$594,000	\$669,400	\$572,250	\$562,450	25,000 \$1,067,500

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
15B800 (LIFT STATIONS-Building & Grounds)					
Northwest access road improvements	25,000				
Cathodic protection testing		1,500			1,650
3. Painting	8,250	17,500	15,000		14,000
4. Earlston biofilter replacement		15,000	•		•
5. Hobson elevator repair/rehabilitation	20,000				
6. Roof replacements				8,000	
7. Venard concrete repairs	5,000				
Annual Totals	\$58,250	\$34,000	\$15,000	\$8,000	\$15,650
MPROVEMENT FUND					
Future special assessments	200,000	200,000	200,000	200,000	200,000
2. IEPA loan repayment	93,200	93,200	93,200	93,200	93,200
3. Replace Centex LS	1,538,000	,	,	,	,
4. Replace Venard LS forcemain	50,000	800,000			
5. Replace Butterfield LS	•	,			2,000,000
6. Transfer from General Corporate Fund	(500,000)	(600,000)	(500,000)	(500,000)	(1,000,000)
Annual Totals	\$1,381,200	\$493,200	(\$206,800)	(\$206,800)	\$1,293,200
CONSTRUCTION FUND					
IEPA loan repayment	28,900	28,900	28,900	28,900	28,900
Biosolids processing/storage improvements		1,000,000		,	
3. Chemical feed system - phosphorus removal		, ,		121,000	605,000
4. Transfer from General Corporate Fund			(500,000)	(500,000)	, , , , , , ,
Annual Totals	\$28,900	\$1,028,900	(\$471,100)	(\$350,100)	\$633,900
GRAND TOTALS	\$7,770,500	\$6,911,150	\$4,575,350	\$4,506,350	\$6,513,700

GENERAL CORPORATE FUND REVENUES

<u>Summary</u>

General Corporate Fund revenues are detailed on the last page of Exhibit 1. Actual revenues for the last five years and budgeted revenues for the next five years are presented in this exhibit. Revenues are adequate to fund the expenditure levels recommended in this plan. Per the District's Fund Balance/Net Assets Policy, the fund balance is held near 25% of annual expenses. Due to growing expenses associated with aging infrastructure and the current high inflation rate, the expenses for the next three years are projected to outpace the revenue, causing the fund balance to drop below the target of 25% of annual expenses. Rate and fee increases are proposed to bring the fund balance back up to the target of 25% of annual expenses by the end of the five-year plan.

Analysis by Revenue Type

The District's annual residential charge for wastewater collection and treatment includes user charges, the monthly service charge and the real estate tax levy for sewer rehabilitation, as detailed in Exhibit 3.

I. <u>User Receipts</u>

This plan reflects an increase in the user rate from \$1.95 to \$2.05 per 1000 gallons of metered water consumption. A user rate increase of \$0.15 is anticipated in FY 2023-24 with an increase \$0.20 anticipated in FY 2024-25 and FY 2025-26 and no user rate increase anticipated in FY 2026-27. User receipts during FY 2021-22 are projected at \$3,589,362. This estimate of billable flow compares with recent experience as indicated below:

		Amount of
	Net Billable	Summer Usage
Fiscal Year	Flow (MGD)	<u>Adjustments</u>
2002-03	6.661	135,641
2003-04	6.601	83,400
2004-05	6.333	96,616
2005-06	6.645	296,891
2006-07	6.236	125,215
2007-08	6.223	183,910
2008-09	5.893	112,621
2009-10	5.913	110,369
2010-11	5.753	112,363
2011-12	5.633	107,538
2012-13	5.768	251,934
2013-14	5.537	109,116
2014-15	5.242	60,919
2015-16	5.257	68,643
2016-17	5.243	82,814
2017-18	5.291	139,711
2018-19	5.121	94,995
2019-20	4.960	76,759
2020-21	4.992	187,250
2021-22	5.064*	160,930
*Projected for final	2 months	

FY 2017-18 had a dry summer, compared to recent years, temporarily reversing the downward trend of billable flow. The downward trend in billable flow also reversed in FY 2020-21, likely due to customers being at home more during the COVID pandemic. The summer usage adjustments also appear to have been impacted in FY 2020-21 by the COVID pandemic, likely by customers who were at home more than in a normal year having more time to focus on their lawns. FY 2022-23 projections of user receipts are based on a billable flow of 4.962 MGD, which represents a billable flow 2.0% less than the FY 2021-22 levels. Water supply utilities' efforts at reducing water consumption are expected to continue to result in future reductions in billable flow. After FY 2022-23, this plan reflects a 2.0% per year reduction in billable flow consistent with target reductions established by water supply utilities, corroborated by historic trends.

II. Surcharges

Surcharge rates for discharges in excess of normal domestic waste strengths (200 mg/l BOD and 250 mg/l TSS) are proposed to increase by 8.1% for an average customer in FY 2022-23. This increase is not evident in Exhibit 1 as the projected actual for FY 2021-22 is much higher than proposed for FY 2022-23 due to one surcharge customer paying a large delinquent bill in FY 2021-22. Surcharge rate increases varying between 2.4% and 7.6% are planned for FY 2023-24 through FY 2026-27. These increases will bring the per pound cost of treating BOD and TSS closer to the per pound costs that non-surcharge customers pay by the end of the five-year period.

III. Monthly Service Fees

The plan reflects an increase in the monthly fee from \$17.00 per month (\$204.00 per year) for FY 21-22 to \$19.00 per month (\$228.00 per year) for FY 22-23, with \$2.00 increases in each of the following fiscal years. The monthly fee was last increased in April 2019. The number of customers is not expected to change over the 5-year period.

IV. Plan Review Fees

Plan review fees are assessed based upon the estimated construction cost of proposed sanitary sewer extensions. These fees are not expected to change over the next few years.

V. Construction Inspection Fees

Construction inspection fees represent the cost of inspections by District personnel of sanitary sewer extensions. These fees are not expected to change over the next five years.

VI. Permit Inspection Fees

The cost of inspections by District personnel of service connections and new building construction is recovered from permit inspection fees. The number of inspections decreased in FY 2020-21 and is projected to also be lower than previous years in FY 2021-22. After FY 2021-22, the number of inspections is expected to return to pre-2020 levels and remain constant.

VII. Interest

Interest is estimated based on the average fund balance each year and an interest rate of roughly 0.16% over the five-year period.

VIII. Sampling and Monitoring Charges

Sampling and monitoring charges are assessed to all users subject to surcharge or pretreatment to recover the costs to sample and analyze wastewater from these users and are projected to increase as the cost to provide these services increases.

IX. Real Estate Taxes

The real estate tax levy is included in the General Corporate Fund and is utilized for operation, maintenance and repair of sewerage facilities. It is proposed that these levies be increased by 5% each year. The amount of future levies is limited in accordance with the tax cap limitation, reflected in budgeted increases of 2.9% each year over the 5-year planning period.

X. <u>Television Inspection Fees</u>

Television inspection fees are assessed to developers for the costs of televising new sewers prior to the expiration of the one-year warranty period.

XI. Replacement Taxes

Personal property replacement taxes received from the state, estimated at \$85,000 per year for FY 2022-23 and projected to continue at this level, will be used to fund sewer system repairs.

XII. Lease Payments

During FY 1996-97, the District signed a lease with the Village of Downers Grove for District property located on Walnut Avenue, adjacent to the Village's public works facility. The lease agreement provides for lease payments by the Village to the District.

XIII. <u>Miscellaneous</u>

Miscellaneous revenues include revenues from levying and collecting special assessments, fees to administer recapture agreements, and costs received for other District services. These revenues are estimated at \$10,000 each year.

XIV. Grease Waste

Hauled restaurant grease trap waste continues to be accepted for treatment at the WWTC. The amount of grease waste accepted in FY 2020-21 was reduced due to only one CHP unit being in operation and also due to limitations on the amount of gas which can be flared. The new CHP unit was placed into operation at the end of FY 2020-21. As a result, the District increased the amount of grease waste that is accepted. This is reflected in the projected revenue for FY 2022-23 and is expected to remain constant over the five-year period.

XV. Renewable Energy Credits

Renewable energy credits can be sold as they are generated by the new CHP equipment. The budget reflects anticipated market pricing and production.

XVI. Grants and Incentives

The grants and incentives revenue code was created under the General Corporate Fund in FY 2021-22. The first three incentive payments from the ComEd Energy Efficiency program for operation of the new CHP unit are expected in FY 2021-22 with the fourth expected in FY 2022-23. The final amount of the incentive will be based upon the actual output during the first year of operation of the new CHP unit. The anticipated federal funding for the Curtiss St inceptor lining project is reflected in FY 2022-23.

GENERAL CORPORATE FUND FUND BALANCE

<u>Summary</u>

The projected fund balance of the consolidated General Corporate and Replacement Fund as of 4/30/22 is \$3,561,188. The fund balance is projected to be spent down in FY 2023-24 and FY 2024-25 causing the fund balance to drop below the target of 25% of annual expenses identified in the District's Fund Balance/Net Assets Policy. With the proposed rate and fee increases, the fund balance will return to 25% of total annual expenditures by the end of the five-year plan. Projected fund balance levels are presented on the last page of Exhibit 1.

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Actual	FY 22-23 Budgeted	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
USER CHARGES										
RATE PER 1000 GALS	\$1.65	\$1.65	\$1.70	\$1.80	\$1.95	\$2.05	\$2.20	\$2.40	\$2.60	\$2.60
AVERAGE ANNUAL USAGE	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000
ANNUAL USER CHARGES	\$158.40	\$158.40	\$163.20	\$172.80	\$187.20	\$196.80	\$211.20	\$230.40	\$249.60	\$249.60
PROPERTY TAXES										
YEAR TAXES PAID	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
MEDIAN ASSESSED VALUE	\$88,150	\$93,940	\$95,680	\$101,120	\$104,575	\$108,758	\$113,108	\$117,633	\$122,338	\$127,231
DISTRICT TAX RATE	0.0413	0.0404	0.0398	0.0406	0.0400	0.0396	0.0392	0.0388	0.0384	0.0380
ANNUAL TAXES PAID	\$36.41	\$37.95	\$38.08	\$41.05	\$41.83	\$43.07	\$44.34	\$45.64	\$46.98	\$48.35
MONTHLY SERVICE FEE										
MONTHLY SERVICE FEE	\$15.00	\$16.00	\$17.00	\$17.00	\$17.00	\$19.00	\$21.00	\$23.00	\$25.00	\$27.00
ANNUAL SERVICE FEE	\$180.00	\$192.00	\$204.00	\$204.00	\$204.00	\$228.00	\$252.00	\$276.00	\$300.00	\$324.00
TOTAL ANNUAL COST	\$374.81	\$388.35	\$405.28	\$417.85	\$433.03	\$467.87	\$507.54	\$552.04	\$596.58	\$621.95
TOTAL MONTHLY COST	\$31.23	\$32.36	\$33.77	\$34.82	\$36.09	\$38.99	\$42.29	\$46.00	\$49.71	\$51.83
ANNUAL PERCENT CHANGE	4.5%	3.6%	4.4%	3.1%	3.6%	8.0%	8.5%	8.8%	8.1%	4.3%
TEN YEAR AVERAGE ANNUAL PERCENT CHANGE	3.3%	2.9%	3.2%	3.4%	3.7%	4.3%	4.9%	5.4%	5.8%	5.7%

DOWNERS GROVE SANITARY DISTRICT FIVE YEAR FINANCIAL PLAN CONSTRUCTION FUND FISCAL YEARS 2022-23 TO 2026-27

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
REVENUES											
Sewer permit fees Interest Repayments - equipment replacement	\$296,607 \$324	\$189,349 \$1,559	\$237,232 \$9,114	\$259,377 \$1,564	\$250,000 \$1,400	\$345,000 \$400	\$250,000 \$1,200	\$250,000 \$1,000	\$250,000 \$950	\$250,000 \$1,450	\$250,000 \$1,500
Plant switchgear Transfer from General Corporate Fund State of Illinois Grant	\$194,588 \$197,876								\$500,000	\$500,000	
ICECF Grant Total Revenues	\$689,395	\$190,908	\$500,000 \$746,346	\$260,941	\$251,400	\$345,400	\$251,200	\$251,000	\$750,950	\$751,450	\$251,500
EXPENSES											
IEPA loan repayment Digester gas utilization equipment Grease receiving expansion	\$28,807 \$378,775 \$594,682	\$28,807	\$28,807	\$28,807	\$28,900	\$28,807	\$28,900	\$28,900	\$28,900	\$28,900	\$28,900
Biosolids processing/storage improvements Chemical feed system - phosphorus removal	Ψ034,002							\$1,000,000		\$121,000	\$605,000
Total Expenses	\$1,002,265	\$28,807	\$28,807	\$28,807	\$28,900	\$28,807	\$28,900	\$1,028,900	\$28,900	\$149,900	\$633,900
Excess (Deficiency) of Revenues over Expenses	(\$312,870)	\$162,100	\$717,539	\$232,134	\$222,500	\$316,593	\$222,300	(\$777,900)	\$722,050	\$601,550	(\$382,400)
Ending Fund Balance	\$153,270	\$315,371	\$1,032,909	\$1,265,043	\$1,487,543	\$1,581,636	\$1,803,936	\$1,026,036	\$1,748,086	\$2,349,636	\$1,967,236

CONSTRUCTION FUND

Summary

The Construction Fund is intended to provide funds for improvements and expansions to the WWTC. The primary source of revenue to the Construction Fund, sewer permit fees, is directly related to development activity within the District. As development proceeds, sewer permit fees are generated and accumulated to construct WWTC facilities. As of December 31, 2021, there are 37,823 population equivalents of hydraulic capacity remaining on the WWTC. It is not anticipated that the next incremental expansion in capacity, from 11.0 MGD to 12.0 MGD, will be needed during the next five years. Permit fees are projected to continue at historic levels over the 5-year plan. The plan for the Construction Fund envisions the continued accumulation of funds for future improvements, expansions or property acquisition adjacent to the WWTC if such property becomes available for purchase.

Revenues

- 1. Sewer permit fees These fees are projected to remain at \$250,000 per year going forward. Development activity is not expected to decline during the 5-year period.
- 2. Interest Interest is estimated based on the average fund balance each year and an interest rate of 0.07%.
- 3. Transfers from the General Corporate Fund Transfers from the General Corporate Fund are planned in FY 2024-25 and FY 2025-26. These transfers are included under 12B500 in Exhibit 1 and are also shown in Exhibit 2 and Exhibit 4. The transfers are proposed to reimburse the Construction Fund for planned expenditures on biosolids processing/storage improvements in FY 2023-24.

Expenses

- 1. IEPA loan repayment Repayments to IEPA associated with ARRA-funded treatment plant projects being repaid from this fund are expected to be \$28,900 per year until the loan principal is fully repaid in 2031.
- 2. Biosolids processing/storage improvements are proposed to be made in FY 2023-24.
- 3. Chemical feed system for the addition of phosphorus reducing chemicals is expected to be designed in FY 2025-26 and constructed in FY 2026-27 and FY 2027-28.

Fund Balance

The balance in the Construction Fund is projected to be \$1,967,236 by April 30, 2026, as depicted in Exhibit 4. This balance will be reserved for future improvements and expansions to the WWTC.

DOWNERS GROVE SANITARY DISTRICT FIVE YEAR FINANCIAL PLAN IMPROVEMENT FUND FISCAL YEARS 2022-23 TO 2026-27

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
REVENUES											
Trunk and lateral sewer service charges Interest Repayments	\$115,496 14,183	\$47,857 21,542	\$57,500 24,628	\$107,112 7,373	\$90,000 3,000	\$138,885 663	\$90,000 250	\$90,000 50	\$90,000 100	\$90,000 200	\$90,000 150
Special assessment vouchers	247 200							200,000	200,000	200,000	200,000
Sewer replacements Transfer from General Corporate Fund	317,200				275,000	275,000	500,000	600,000	500,000	500,000	1,000,000
Total Revenues	\$446,879	\$69,399	\$82,128	\$114,485	\$368,000	\$414,548	\$590,250	\$890,050	\$790,100	\$790,200	\$1,290,150
EXPENSES											
Unsewered areas Planning Special assessments	\$3,163	\$6,174	\$11,370	\$900	\$500	\$250	\$500	\$7,500 200,000	\$500 200,000	\$500 200,000	\$7,500 200,000
Lift station improvements Liberty Park replacement Centex replacement Venard forcemain replacement Butterfield replacement	894,366	150,658		39,346	1,310,000	70,795	1,538,000 50,000	800,000			2,000,000
IEPA Loan Repayment Total Expenses	93,191 \$990,720	93,191 \$250,024	93,191 \$104,561	93,191 \$133,437	93,200 \$1,403,700	93,191 \$164,236	93,200 \$1,681,700	93,200 \$1,100,700	93,200 \$293,700	93,200 \$293,700	93,200 \$2,300,700
Excess (Deficiency) of Revenues over Expenses	(\$543,841)	(\$180,625)	(\$22,433)	(\$18,952)	(\$1,035,700)	\$250,312	(\$1,091,450)	(\$210,650)	\$496,400	\$496,500	(\$1,010,550)
Ending Fund Balance	\$1,342,254	\$1,161,629	\$1,139,196	\$1,120,244	\$84,544	\$1,370,556	\$279,106	\$68,456	\$564,856	\$1,061,356	\$50,806

IMPROVEMENT FUND

Summary

The Improvement Fund is intended to be utilized for sewer system and lift station expansions and improvements. The historic source of revenue for this fund, trunk and lateral sewer service charges, is projected to continue at average levels over the 5-year plan. As development proceeds, charges are generated and accumulated to construct additional system capacity and improvements, as needed. The unsewered area plan does not currently identify any specific capacity needs to serve remaining unsewered areas in the facility planning area. I/I removal generally provides the most cost-effective way of creating system capacity where needed. The plan anticipates a full replacement of the Centex Lift Station in FY 2022-23, replacement of the Venard Lift Station force main in FY 2023-24 and replacement of the Butterfield Lift Station in FY 2026-27. Historically, the plan for the Improvement Fund envisioned the gradual accumulation of funds for future improvements or expansions. The lift station needs, however, are greater than the current revenue to the Improvement Fund can sustain. The plan shows transfers from the General Corporate Fund to the Improvement Fund every year from FY 2021-22 through FY 2026-27 to ensure sufficient funds are available to complete the above-mentioned projects.

Revenues

- 1. Trunk and lateral sewer service charges These charges are projected at \$90,000 annually for the five-year period.
- 2. Interest Interest is estimated based on the average fund balance each year and an interest rate 0.03%.
- 3. Annual repayments from special assessments These amounts represent reimbursements from special assessment projects for costs advanced by the improvement fund.
- 4. Transfers from the General Corporate Fund Transfers from the General Corporate Fund are planned in every year in the five-year plan. These transfers are included in 15B500 in Exhibit 1 and are also shown in Exhibit 2 and Exhibit 5.

Expenses

- 1. Planning for unsewered areas The plan depicting the locations of proposed sanitary sewers in currently unsewered areas within the District facility planning area was prepared in FY 2006-07 and is updated annually. The reduction in unsewered area planning expenses shown in Exhibit 5 reflects shifting the unsewered area plan updates from the District's engineering consultant to the District's Staff Engineer. It is anticipated that the District will have the engineering consultant review the unsewered area plan every third year based on their experience with the construction market.
- 2. Special assessments in unsewered areas The improvement fund advances funds to approved special assessment projects and is then reimbursed by the issuance of vouchers for each special assessment project. Exhibit 5 anticipates limited potential future Special Assessment project activity starting in FY 2023-24.

- 3. IEPA Loan Repayment Repayments to IEPA associated with ARRA-funded collection system projects being repaid from this fund are expected to be \$93,200 per year until the loan principal is fully repaid in 2031.
- 4. Centex Lift Station Replacement The budget includes costs associated with replacing the Centex Lift Station as it reaches the end of its useful service life. The project was bid and awarded in FY 2021-22. The start of construction has been delayed by the contractor and is now planned for FY 2022-23. The expenses shown for FY 2022-23 reflect the actual bid results and expected construction engineering services.
- 5. Venard Lift Station Force Main Replacement The budget includes anticipated costs associated with replacing the Venard Lift Station force mains. The older of the two force mains had two breaks in 2020 and one break in 2022. The newer force main had a break in 2021. Design is planned for FY 2022-23, and construction is planned for FY 2023-24.
- 6. Butterfield Lift Station Replacement The budget includes anticipated costs associated with replacing the Butterfield Lift Station as it reaches the end of its useful service life. Construction is planned for FY 2026-27.

Fund Balance

The balance in the improvement fund is projected to be \$50,806 on April 30, 2026. Future expenses for sewer extensions into unsewered areas will be determined based upon the maintenance of an adequate balance in this fund.

DOWNERS GROVE SANITARY DISTRICT FIVE YEAR FINANCIAL PLAN PUBLIC BENEFIT FUND FISCAL YEARS 2022-23 TO 2026-27

EXHIBIT 6

	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Projected Actual	FY 22-23 Budget	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
REVENUES											
Interest Total Revenues	\$349 \$349	\$542 \$542	\$856 \$856	\$480 \$480	\$350 \$350	\$13 \$13	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
EXPENSES											
Sewer deepening Total Expenses	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Excess (Deficiency) of Revenues over Expenses	\$349	\$542	\$856	\$480	\$350	\$13	\$0	\$0	\$0	\$0	\$0
Ending Fund Balance	\$35,926	\$36,468	\$37,325	\$37,805	\$38,155	\$37,818	\$37,818	\$37,818	\$37,818	\$37,818	\$37,818

PUBLIC BENEFIT FUND

Summary

The Public Benefit Fund may only be used to pay for the portion of sewer extensions or sewer special assessments which the Board of Trustees deems to be of benefit to an area larger than the immediate service area. The projected balance in this fund as of April 30, 2022, is \$37,818.

Revenues

In 2021, money market interest rates had fallen so significantly that the interest earned by Fund 03 investments could not justify staff's bookkeeping expenses. In July of 2021, the District Treasurer transferred the Fund 03 money markets funds to Fund 01 money market funds and the same amount from Fund 01 cash to Fund 03 cash. This essentially reclassified the Fund 03 investment funds to cash. No revenue is shown in the five-year plan.

Expenses

There are no planned expenses over the duration of the five-year plan.

Fund Balance

The remaining fund balance at the end of FY 2026-27, projected to be \$37,818, will be available to fund improvements with public benefit.

When this fund is depleted, the tax cap limitation would prevent the District from adopting a tax levy for public benefit without decreasing the general corporate levy for sewer system repairs by an identical amount. As funding of any future public benefit expenditures may be made from the Improvement or General Corporate Funds, it would not be necessary to continue the Public Benefit Fund.

PROJECTS NOT INCLUDED IN PLAN

There are several major projects which have not been included in this financial plan. As these projects may be incorporated into the plan in a future update, they are listed below for reference.

I. WWTC

A. Improvements/Enhancements

- 1. Capacity expansion from 11.0 MGD to 12.0 MGD and from 12.0 MGD to 15.0 MGD, as needed.
- 2. Aeration tank feed flow splitter.
- 3. Nitrogen removal processes.
- 4. Secondary clarifier feed flow splitter.
- 5. Additional sludge drying beds.
- 6. Increase paved area for sludge treatment and storage, included a covered storage area.
- 7. Composting facility.
- 8. Improved odor control facilities.
- 9. Outfall 003 excess flow treatment optimization improvements

B. Replacements

- 1. Influent bar screens.
- 2. Raw sewage pumps nos. 1 5.
- 3. Excess clarifier sludge scraping equipment.

II. SEWER SYSTEM

- A. Permanent flow metering network.
- B. Purchase of sewer grouting equipment.

III. LIFT STATIONS

- A. Install odor control equipment at the Butterfield, Centex, College, Liberty Park, Northwest, Venard and Wroble lift stations.
- B. Major upgrades to College lift station
- C. Second NWLS force main crossing under I-355.

IV. ADMINISTRATION

A. Relocate office to WWTC site.

DOWNERS GROVE SANITARY DISTRICT APPROPRIATION ORDINANCE/BUDGET AVAILABLE FOR PUBLIC REVIEW

The Appropriation Ordinance/Budget of the Downers Grove Sanitary District for the fiscal year May 1, 2022 to April 30, 2023 will be considered for adoption at a regular meeting of the Board of Trustees on March 15, 2022 at 7:00 p.m. at the District office. All Board of Trustees meetings are open to the public for in-person attendance. A copy of the proposed Appropriation Ordinance/Budget will be available for public inspection at the District office beginning February 9, 2022. The District office is located at 2710 Curtiss Street, Downers Grove. Office hours are Monday through Friday, 10:00 a.m. to 12:00 p.m. and 1:00 p.m. to 3:00 p.m. Digital versions of the proposed Appropriation Ordinance and Budget will be available at the following links as well starting on February 9, 2022: Appropriation Ordinance - https://www.dgsd.org/wp-content/uploads/appord2023draft.pdf; Budget - https://www.dgsd.org/wp-content/uploads/5yrplan2023draft.pdf

Please contact the District at (630) 969-0664 or https://www.dgsd.org/contact-us/ with any questions.

DOWNERS GROVE SANITARY DISTRICT BUDGET CALENDAR FOR PREPARATION OF FISCAL YEAR 2022-23 BUDGET

<u>TASK</u>	COMPLETION DATE	<u>PERSON</u> <u>RESPONSIBLE</u>
Prepare and distribute budget calendar.	Complete	WCC
2) Prepare and distribute blank Department 12 & 15 budget expense spreadsheets	Complete	ARU
Prepare and distribute blank wage recommendations spreadsheet to supervisors	Complete	ARU
4) Submit completed wage recommendations.	Complete	SUPERVISORS
5) Submit completed preliminary budget requests.	Complete	SUPERVISORS & STAFF ENGINEER
6) Completion of DGSD survey re wages and benefits.	Complete	ARU
7) Prepare proposed salary schedule for submittal to Board (for increases effective March 20, 2022 and April 1, 2022).	Complete	ARU
8) Review salary schedule.	Complete	BOARD
9) Review and adjust updated budget requests.	Complete	SUPERVISORS/ARU
10) Complete proposed five-year financial plan and appropriation ordinance for submittal to Board.	02/04/22	ARU
11) Initial review of budget documents and authorize publication of availability of appropriation ordinance for public review.	02/08/22	BOARD & STAFF
12) Publish notice that appropriation ordinance is available for public review.	02/09/22	CSS
13) Prepare ordinance revisions concerning fees and charges and submit to Board.	03/11/22	ARU
14) Second review of budget documents at regular meeting.	03/15/22	BOARD & STAFF
15) Approve five-year financial plan and adopt appropriation ordinance and ordinance revisions concerning fees and charges.	03/15/22	BOARD
16) Publish appropriation ordinance and user rate ordinance (if applicable).	03/24/22	CSS
17) File appropriation ordinance and budget with County Clerk and County Chairman's Office.	04/15/22	CSS
18) Prepare levy ordinance and submit to Board.	06/10/22	ARU
19) Adopt levy ordinance.	06/14/22	BOARD
20) File levy ordinance with County Clerk and County Chairman's Office.	06/30/22	CSS

APPROPRIATION ORDINANCE

AN ORDINANCE MAKING APPROPRIATIONS FOR THE CORPORATE PURPOSES OF THE DOWNERS GROVE SANITARY DISTRICT FOR THE FISCAL YEAR COMMENCING ON THE FIRST DAY OF MAY, A.D. 2022 AND ENDING APRIL THIRTIETH, A.D. 2023.

BE IT ORDAINED by the Downers Grove Sanitary District, a body politic and corporate of the County of DuPage and State of Illinois:

SECTION 1. That the sums hereinafter set forth, or as much thereof as may be authorized by law, be and the same are hereby appropriated for the corporate purposes of the Downers Grove Sanitary District as hereinafter specified, for the fiscal year commencing on the First Day of May, A.D. 2022 and ending on the Thirtieth Day of April, A.D. 2023.

I.	ADMINISTRATION A. Salary and Wages B. Office Oper & Maint Expenses C. Vehicles Oper, Maint & Purchase	\$ 1,080,000 870,000 20,000 \$1,970,000
II.	PLANT A. Salary and Wages	\$ 1,750,000
	B. Operation & Maintenance Expenses	2,940,000
	C. Vehicles Oper, Maint & Purchase	110,000
	c. Venicles Oper, Maint & Lutenase	\$4,800,000
		\$4,800,000
III.	LABORATORY SERVICES	
	A. Salary and Wages	\$ 310,000
	B. Operation & Maintenance Expenses	150,000
	C. Vehicles Oper, Maint & Purchase	30,000
		\$ 490,000
IV.	SYSTEM	
	A. Salary and Wages	\$ 590,000
	B. Operation & Maintenance Expenses	4,850,000
	C. Vehicles Oper, Maint & Purchase	40,000
		\$5,480,000
V.	LIFT STATIONS	
	A. Salary and Wages	\$ 40,000
	B. Operation & Maintenance Expenses	1,050,000
		\$1,090,000
VI.	INSURANCE AND EMPLOYEE BENEFITS	\$1,570,000
TOTA	AL OPERATION AND MAINTENANCE	\$15,400,000

CAPITAL IMPROVEMENTS

VII. TREATMENT CENTER/LABORATORY

A. Renovations to Buildings & Systems \$\frac{\$50,000}{\$50.000}\$

VIII. COLLECTION SYSTEM/LIFT STATIONS

A. Construction/Upgrading – Sewer system, pump station improvements, unsewered area plan revisions

\$ 1,900,000 \$ 1,900,000

TOTAL CAPITAL IMPROVEMENTS \$ 1,950,000

GRAND TOTAL \$17,350,000

SECTION 2. That the sums hereinafter set forth are estimated receipts and expenditures for the Downers Grove Sanitary District for the fiscal year commencing on the First Day of May, A.D. 2022 and ending on the Thirtieth Day of April, A.D. 2023.

CASH FLOW FISCAL YEAR 2022-2023

SEE ATTACHMENT A, attached hereto and made a part of this Ordinance.

RECAPITULATION

SECTION 3. That the total sum of Seventeen Million Three Hundred Fifty Thousand Dollars (\$17,350,000) is hereby appropriated. It is furthermore provided that all unexpended balances of any item or items of any general appropriation made by this ordinance may be expended in making up any insufficiency in any item or items for the same general purpose or in a like appropriation made by this ordinance.

SECTION 4. This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.

	Passed this 15th day of March, A.D. 2022
	Recording Vote:
	Ayes:
	Nays:
	Approved this 15 th day of March, A.D. 2022
	BY:
	President, Board of Trustees of Downers Grove Sanitary District, DuPage County, Illinois
ATTEST:	
Clerk	
Recorded this 15 th day o	of March, A.D. 2022

ATTACHMENT A

CASH FLOW FISCAL YEAR 2022-2023

	General <u>Corporate</u>	<u>Improvement</u>	Construction	Public <u>Benefit</u>
Projected Cash Balance on 5/1/22	\$ 5,069,788	\$ 1,370,556	<u>\$ 1,581,636</u>	\$ 37,818
Receipts:				
Const and Televising Insp Fees	650			
User Fees	8,228,100			
Interest	7,000	250	1,200	
Plan Review Fees	500			
Surcharges	312,000			
Permit Insp Fees	20,000			
Sampling Charges	105,000			
Tap-in Fees			250,000	
Trunk and Lateral Sewer Charges		90,000		
Replacement Taxes	85,000			
Real Estate Taxes	1,339,900			
Grease Waste	210,000			
Miscellaneous	1,198,600	500,000		
Total Receipts	11,506,750	590,250	251,200	
Subtotal	\$ 16,576,538	\$ 1,960,806	\$ 1,832,836	\$ 37,818
Disbursements:				
O & M Budget	15,400,000			
Capital Improvements Budget		1,900,000	50,000	0
Total Disbursements	15,400,000	1,900,000	50,000	0
Projected Cash Balance on 4/30/21	<u>\$ 1,176,538</u>	<u>\$ 60,806</u>	\$ 1,782,836	\$ 37,818

STATEMENT OF ESTIMATED REVENUES

I, Carly Shaw, Treasurer of the Downers Grove Sanitary District, do hereby state that the above document entitled "Cash Flow, Fiscal Year 2022-2023" indicates an estimate of revenues by source anticipated to be received in Fiscal Year 2022-2023.

DOWNERS GROVE SANITARY DISTRICT

BY:			
	Treasurer		

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

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

TO: Board of Trustees

FROM: Carly Shaw

Administrative Supervisor

DATE: February 4, 2022

RE: Administrative Services Progress Report – January 2022

<u>ADMINISTRATIVE</u>

Personnel

I have been promoted to the Administrative Supervisor effective February 1, 2022. The District will be posting the position for the Accounting Assistant in early February.

Technology Update

Evaluation of a cloud-based phone system as an upgrade for the District's mix of desk phones and smartphones infrastructure continues to be on hold at this time.

Concentric Integration and Kazys Motekaitis of Exodus Technology Services continue to provide IT support services. Within the next couple of months, the District will be replacing its firewall and implementing multi-factor authentication for remote users, as recommended by our insurance agent.

The customer billing portal project with CityInsight is continuing to proceed. CityInsight plans to do their internal testing of the portal February 21 – March 4. If everything proceeds as planned, we anticipate going live with the new customer billing portal in June. CityInsight will be working with the District's Information Coordinator in the next few months to develop promotional materials to inform customers of the new billing portal.

The following is a detailed summary of the Invoice Cloud portal's utilization in the last month and since the portal's launch in February 2015 through the end of last month:

# of Customers registered in the last month:	107
# of Customers paying their bills online in the last month:	1836
Amount of Money processed through the Portal in the last month:	\$108,866.38
# of Customers signing up for Autopay through the Portal in the last month:	93
# of Customers enrolled in paperless billing in the last month:	85
# of customers registered for pay by text in the last month:	29
Cost to District for providing Invoice Cloud service in the last month:	\$463.20
Cost to District's customers (convenience fees) in the last month:	\$2,975.94
Estimated Monthly savings from customers enrolled in paperless billing:	\$104.85
# of Customers registered from launch through last month:	6,762

# of Customers signing up for Autopay through the Portal from launch through last month:	2,748
# of Customers enrolled in paperless billing from launch through last month:	3,495
# of customers registered for pay by text from launch through last month:	2,112

FINANCIAL

<u>Treasurer's Report and Investment Activity</u>

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.

There have been no updates to the current investments. With the anticipated increase in interest rates during 2022, we will evaluate the existing investments to see if there are better options available.

User Billing

Detailed billing information is attached to this report.

cc: WDVB, AES, PWC, KJR, RTJ, MJS, MGP

USER BILLING SUMMARY

User Charge System

Billings for January 2022 were as follows:

User	\$235,762.55
Surcharge	19,352.65
Monthly fees	335,330.19
Total	\$590,445.39
Summer Usage Adjustment	\$0.00
Billable Flow	120,903,872
Budgeted Billable Flow	119,231,210
% Actual/Budgeted Billable Flow	101.40%
YTD Billable Flow	1,712,633,753
YTD Budgeted Billable Flow	1,495,058,038
% Actual/Budgeted Billable Flow	114.55%

The user accounts receivable balance on 1/31/2022 is \$678,436.54 and consists of:

Current charges due 2/15/2022	\$479,032.61
Past due charges and penalty	199,403.93
Total	\$678,436.54

The past due charges represent:

Age	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$67,335.30	\$8,560.21	\$75,895.51
60 days past due	26,962.83	4,709.09	31,671.92
90 days & greater past due	77,774.61	14,061.89	91,836.50
Totals	\$172,072.74	\$27,331.19	\$199,403.93

Summary of Past Due Charges (90 Days and Over)

Five Year Comparison

January

Year	<u>User Charges</u>	Penalty	<u>Total</u>
2022	\$77,774.61	\$14,061.89	\$91,836.50
2021	105,977.30	15,756.19	121,733.49 ****
2020	40,668.53	5,110.21	45,778.74 ****
2019	40,850.54	4,813.96	45,664.50 ***
2018	43,493.66	5,378.84	48,872.50 ***

^{****}All accounts that were dug up/disconnected from sewer have been paid

Twelve Months Ending January 2022

Month Ending	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
1/31/22	\$77,774.61	\$14,061.89	\$91,836.50
12/31/21	75,563.02	14,423.46	89,986.48
11/30/21	75,609.04	14,075.95	89,684.99
10/31/21	67,897.08	13,646.54	81,543.62
9/30/21	82,506.50	24,480.75	106,987.25
8/31/21	85,080.45	13,899.39	98,979.84
7/31/21	81,057.19	12,872.45	93,929.64
6/30/21	83,697.16	13,417.21	97,114.37
5/31/21	84,924.29	13,494.61	98,418.90
4/30/21	77,863.95	12,505.71	90,369.66
3/31/21	79,415.08	12,379.57	91,794.65
2/28/21	79,355.03	11,905.29	91,260.32

All accounts that were disconnected for non payment of sewer charges have been paid. One of these accounts still remains disconnected and has no current plans to reconnect in the future.

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

^{**}Includes \$13,020.74 in sewer disconnection costs on 4 accounts plus late fees

^{*}Includes \$17,128.69 in sewer disconnection costs on 6 accounts plus late fees

To: Amy Underwood, General Manager

From: Marc Majewski, Operations Supervisor

Re: Month of January 2022, WWTC Operations Report.

Date: February 1, 2022

Attached please find detailed operating data for January. The BOD data for January 31 will not be available until next week, as noted on the attached table. The monthly report to Illinois EPA for January will submitted once the BOD data is finalized and will be provided with next month's Operations Report. Through January 30, we had no excursions over our permit limits.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 8.16 MGD. Total precipitation at the WWTC was .28". There were no excess flow events during the month of January. There were 2 days of discharge over 11 MGD.
- Activated sludge: Operating performance improved throughout the month of January. Floc formers are predominating leading to good solids settling.
- Anaerobic Digesters: Pumped a total of 1,282,718 gallons of primary sludge, 297,110 gallons of TWAS, and 354,913 gallons of waste grease for a total of 1,934,741 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 70.1% for January.
- Digester gas: Total digester gas production was 6,028,029 cubic feet. 200,095 cubic feet of gas was used for anaerobic digestion heat, and 5,385,067 cubic feet was used in the CHP facilities. 61,540 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 381,328 cubic feet of gas.
- Bio-solids: No bio-solids were distributed in the month of January.
- Miscellaneous: Bio-mechanics have been in the in the process of doing PM work on all augers, loaders, dump trucks and other portable pumps and equipment throughout the plant in preparation for the upcoming spring season.
- Electricity: Overall net energy from ComEd was: -50,430 KW-Hrs. Electricity Generated by the CHP system was 437,524 KW-Hrs. Monthly net energy (including natural gas usage) was 4 MW-Hrs for the month of January.

C: WDVB, AES, PWC, KJR, RTJ, MJS, MGP

Downers Grove Sanitary District January 2022

	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
1/1/2022	0.00	14.74	8.93	11.40	0.00	0.00	0.00	0.00	0.00	0.00	11.40	14.74	0.00
1/2/2022	0.01	14.84	8.17	11.07	0.00	0.00	0.00	0.00	0.00	0.00	11.07	14.84	0.00
1/3/2022	0.00	14.12	7.56	10.52	0.00	0.00	0.00	0.00	0.00	0.00	10.52	14.12	0.00
1/4/2022	0.00	14.85	7.02	10.22	0.00	0.00	0.00	0.00	0.00	0.00	10.22	14.85	0.00
1/5/2022	0.00	15.19	6.85	9.46	0.00	0.00	0.00	0.00	0.00	0.00	9.46	15.19	0.00
1/6/2022	0.00	14.48	5.89	8.83	0.00	0.00	0.00	0.00	0.00	0.00	8.83	14.48	0.00
1/7/2022	0.00	12.31	5.50	8.38	0.00	0.00	0.00	0.00	0.00	0.00	8.38	12.31	0.00
1/8/2022	0.04	12.10	5.40	8.47	0.00	0.00	0.00	0.00	0.00	0.00	8.47	12.10	0.00
1/9/2022	0.01	12.78	5.48	8.34	0.00	0.00	0.00	0.00	0.00	0.00	8.34	12.78	0.00
1/10/2022	0.00	12.32	5.10	8.09	0.00	0.00	0.00	0.00	0.00	0.00	8.09	12.32	0.00
1/11/2022	0.00	10.69	4.83	8.05	0.00	0.00	0.00	0.00	0.00	0.00	8.05	10.69	0.00
1/12/2022	0.03	11.60	4.72	8.07	0.00	0.00	0.00	0.00	0.00	0.00	8.07	11.60	0.00
1/13/2022	0.00	11.38	4.97	8.28	0.00	0.00	0.00	0.00	0.00	0.00	8.28	11.38	0.00
1/14/2022	0.00	13.21	5.05	7.96	0.00	0.00	0.00	0.00	0.00	0.00	7.96	13.21	0.00
1/15/2022	0.01	13.06	4.63	7.71	0.00	0.00	0.00	0.00	0.00	0.00	7.71	13.06	0.00
1/16/2022	0.05	13.19	4.57	7.76	0.00	0.00	0.00	0.00	0.00	0.00	7.76	13.19	0.00
1/17/2022	0.00	10.74	4.81	7.80	0.00	0.00	0.00	0.00	0.00	0.00	7.80	10.74	0.00
1/18/2022	0.00	11.98	4.43	7.83	0.00	0.00	0.00	0.00	0.00	0.00	7.83	11.98	0.00
1/19/2022	0.00	12.60	4.82	7.63	0.00	0.00	0.00	0.00	0.00	0.00	7.63	12.60	0.00
1/20/2022	0.00	10.89	4.56	7.64	0.00	0.00	0.00	0.00	0.00	0.00	7.64	10.89	0.00
1/21/2022	0.00	12.06	4.61	7.46	0.00	0.00	0.00	0.00	0.00	0.00	7.46	12.06	0.00
1/22/2022	0.00	10.84	4.41	7.49	0.00	0.00	0.00	0.00	0.00	0.00	7.49	10.84	0.00
1/23/2022	0.00	10.27	4.30	7.28	0.00	0.00	0.00	0.00	0.00	0.00	7.28	10.27	0.00
1/24/2022	0.00	9.87	4.45	7.30	0.00	0.00	0.00	0.00	0.00	0.00	7.30	9.87	0.00
1/25/2022	0.00	9.82	3.77	7.03	0.00	0.00	0.00	0.00	0.00	0.00	7.03	9.82	0.00
1/26/2022	0.00	10.97	3.56	7.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	10.97	0.00
1/27/2022	0.04	10.03	4.46	7.38	0.00	0.00	0.00	0.00	0.00	0.00	7.38	10.03	0.00
1/28/2022	0.03	10.17	3.93	7.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	10.17	0.00
1/29/2022	0.00	12.27	3.85	7.12	0.00	0.00	0.00	0.00	0.00	0.00	7.12	12.27	0.00
1/30/2022	0.03	10.72	3.84	7.22	0.00	0.00	0.00	0.00	0.00	0.00	7.22	10.72	0.00
1/31/2022	0.03	10.25	3.93	7.15	0.00	0.00	0.00	0.00	0.00	0.00	7.15	10.25	0.00
Minimum	0.00	9.82	3.56	7.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	9.82	0.00
Maximum	0.05	15.19	8.93	11.40	0.00	0.00	0.00	0.00	0.00	0.00	11.40	15.19	0.00
Total	0.28	374.31	158.41	252.93	0.00	0.00	0.00	0.00	0.00	0.00	252.93	374.31	0.00
Average	0.01	12.08	5.11	8.16	0.00	0.00	0.00	0.00	0.00	0.00	8.16	12.08	0.00

Downers Grove Sanitary District January, 2022

	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
4/4/0000	44.40		00.750	0.00							
1/1/2022	11.40		66,750	8.63							
1/2/2022	11.07	0.550	66,750	8.75	50	40	0.0	455		5.500	0.0
1/3/2022	10.52	2,558	79,361	11.98	56	40	30	155	0.040	5,536	8.9
1/4/2022	10.22	2,605	80,812	11.50	60	44	35	169	3,843		8.6
1/5/2022	9.46	2,466	76,514	10.57	63	43	34	172		5,453	8.7
1/6/2022	8.83	2,675	82,980	11.43	74	59	45	218	2,905		
1/7/2022	8.38	2,547	79,028	11.82	64	46	38	180		5,096	
1/8/2022	8.47		79,028	11.53							
1/9/2022	8.34		79,028	11.61							
1/10/2022	8.09	2,524	78,315	12.01	48	41	32	160		4,887	8.8
1/11/2022	8.05	2,694	83,589	12.74	72	55	42	203	3,148		8.3
1/12/2022	8.07	2,537	78,713	12.77	71	56	45	219		4,456	8.4
1/13/2022	8.28	2,517	78,082	12.54	73	56	42	221	2,924		
1/14/2022	7.96	2,559	79,400	11.69	57	40	31	156		4,894	
1/15/2022	7.71		79,400	11.67							
1/16/2022	7.76		79,400	11.79							
1/17/2022	7.80	2,372	73,600	12.82	65	42	32	176		4,091	8.4
1/18/2022	7.83	2,393	84,074	12.97	70	51	39	211	2,852		8.4
1/19/2022	7.63	2,403	74,557	13.82	67	53	41	221		3,939	7.8
1/20/2022	7.64	2,597	80,581	14.51	70	55	43	209	2,573		
1/21/2022	7.46	2,513	77,970	11.15	68	53	41	209		4,787	
1/22/2022	7.49		77,970	11.19							
1/23/2022	7.28		77,970	11.14							
1/24/2022	7.30		77,970	11.14							7.4
1/25/2022	7.03	2,501	77,597	11.25	66	51	41	200	2,780		8.4
1/26/2022	7.00	2,393	74,250	13.11	70	55	44	230	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3,997	8.7
1/27/2022	7.38	2,458	76,242	13.09	67	58	44	238	2,799	-,	
1/28/2022	7.00	2,280	70,719	11.57	79	56	44	246	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4,180	
1/29/2022	7.12		70,719	11.64						.,	
1/30/2022	7.12		70,719	11.61							
1/31/2022	7.15	2,442	75,770	12.82	74	63	51	255		4,106	8.7
1/01/2022	7.10	2,442	10,110	12.02	7 -	- 00	J1	200		7,100	0.1
Minimum	7.00	2,280	66,750.34	8.63	47.79	39.72	29.77	155.35	2,573	3,939	7.4
Maximum	11.40	2,694	84,074.00	14.51	78.55	63.05	50.63	255.03	3,843	5,536	8.9
Total	252.93	50,037	2,387,860.04		1,332.92	1,017.68	791.42	4,047.87	23,824	55,422	109.5
Average	8.16	2,502	77,027.68	11.83	66.70	50.85	39.70	202.40	2,978	4,619	8.4

			,							
	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
1/1/2022	11.40							24	39	
1/2/2022	11.07							11	31	
1/3/2022	10.52	342			0.6	53	99.5	6	23	56.1
1/4/2022	10.22	230	84	1.4	0.6	51	99.2	21	35	56.5
1/5/2022	9.46	230			8.0	63	99.0	11	33	56.8
1/6/2022	8.83	245	83	3.2	1.0	74	99.0	3	18	56.7
1/7/2022	8.38							-2	16	0.0
1/8/2022	8.47							13	34	
1/9/2022	8.34							10	34	
1/10/2022	8.09	234			1.0	67	99.1	5	20	56.6
1/11/2022	8.05	218	88	3.2	8.0	54	98.5	4	35	55.9
1/12/2022	8.07	252			1.2	81	98.8	28	43	56.3
1/13/2022	8.28	274	120	2.2	1.2	83	98.7	27	45	56.9
1/14/2022	7.96							26	36	57.1
1/15/2022	7.71							11	29	
1/16/2022	7.76							7	32	
1/17/2022	7.80	242			8.0	52	99.1	22	29	55.3
1/18/2022	7.83	260	78	3.1	0.7	46	99.2	19	46	55.9
1/19/2022	7.63	358			1.2	76	98.9	10	41	55.6
1/20/2022	7.64	260	100	3.4	0.6	38	98.7	6	20	55.4
1/21/2022	7.46							6	26	
1/22/2022	7.49							18	35	
1/23/2022	7.28							6	24	
1/24/2022	7.30	220			0.6	37	98.6	10	29	54.9
1/25/2022	7.03	224	102	3.2	0.7	41	98.4	-1	16	54.5
1/26/2022	7.00	287			1.2	70	98.6	-4	12	54.7
1/27/2022	7.38	213	108	2.9	8.0	49	98.5	11	35	54.5
1/28/2022	7.00							12	35	
1/29/2022	7.12							6	25	
1/30/2022	7.22							10	36	
1/31/2022	7.15	*	*	*	*	*	*	21	36	54.3
Minimum	7.00	213	78	1.4	0.60	37	98.4	-4	12	0.0
Maximum	11.40	358	120	3.4	1.20	83	99.5	28	46	57.1
Total	252.93	4,089	763	22.6	13.80	935	1,581.9	1,004	948	1,004.0
Average	8.16	256	95	2.8	0.86	58	98.9	12	31	52.8

^{*} BOD data for 1/31/2022 was not available at the time of printing this document.

	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
1/1/2022	11.40				0.9	86					
1/2/2022	11.07				0.6	55					
1/3/2022	10.52	380			0.6	53	99.8	7.3	7.8	7.2	7.4
1/4/2022	10.22	204	52	1.5	0.6	51	99.7	7.7	7.8	7.1	7.4
1/5/2022	9.46	180			0.9	71	99.5	7.7	7.7	7.1	7.3
1/6/2022	8.83	200	49	9.8	0.3	22	99.9	7.7	7.8	7.1	7.2
1/7/2022	8.38	216			0.6	42	99.7	7.6	7.6	7.0	7.2
1/8/2022	8.47	172			0.7	49	99.6				
1/9/2022	8.34	178			0.5	35	99.7				
1/10/2022	8.09	196			0.4	27	99.8	7.6	7.6	7.0	7.2
1/11/2022	8.05	204	41	9.2	0.8	54	99.6	7.6	7.6	6.9	7.2
1/12/2022	8.07	188			0.7	47	99.6	7.6	7.7	7.0	7.2
1/13/2022	8.28	208	60	3.8	0.7	48	99.7	7.6	7.7	6.9	7.0
1/14/2022	7.96	260			0.6	40	99.8	7.6	7.6	6.9	7.1
1/15/2022	7.71	236			0.8	51	99.7				
1/16/2022	7.76	188			0.8	52	99.6				
1/17/2022	7.80	220			0.4	26	99.8	7.6	7.6	7.0	7.2
1/18/2022	7.83	236	31	8.8	0.4	26	99.8	7.6	7.6	7.0	7.2
1/19/2022	7.63	230			0.8	51	99.7	7.6	7.6	7.0	7.0
1/20/2022	7.64	233	70	9.4	0.4	25	99.8	7.6	7.5	7.0	7.0
1/21/2022	7.46	310			0.6	37	99.8	7.5	7.6	6.9	7.2
1/22/2022	7.49	165			0.7	44	99.6				
1/23/2022	7.28	384			0.5	30	99.9				
1/24/2022	7.30	212	92	9.6	0.6	37	99.7	7.7	7.4	6.9	7.0
1/25/2022	7.03	220	61	9.6	0.5	29	99.8	7.7	7.5	7.0	7.1
1/26/2022	7.00	312			0.6	35	99.8	7.4	7.5	6.7	7.2
1/27/2022	7.38	190	66	6.7	0.5	31	99.7	7.6	7.5	6.8	7.0
1/28/2022	7.00	248			0.5	29	99.8	7.6	7.5	6.8	7.2
1/29/2022	7.12	248			0.6	36	99.8				
1/30/2022	7.22	168			0.6	36	99.6				
1/31/2022	7.15	216	78	5.4	0.4	24	99.8	7.5	7.5	6.9	7.1
Minimum	7.00	165	31	1.5	0.3	22	99.5	7.3	7.4	6.7	7.0
Maximum	11.40	384	92	9.8	0.9	86	99.9	7.7	7.8	7.2	7.4
Total	252.93	6,602	600	73.8	18.6	1,280	2,892.1	159.4	159.7	146.2	150.4
Average	8.16	228	60	7.4	0.6	41	99.7	7.6	7.6	7.0	7.2

Downers Grove Sanitary District January, 2022

MONTHLY OPERATIONS REPORT PAGE 5

	Tertiary	Influent	Tertiary	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
1/1/2022	11.40			,		
1/2/2022	11.07		0.10	9.2		
1/3/2022	10.52	16.76	0.10	8.8		
1/4/2022	10.22	19.30	0.23	19.6		
1/5/2022	9.46	21.92	0.59	46.6		
1/6/2022	8.83	21.32	0.99	72.9		
1/7/2022	8.38					
1/8/2022	8.47					
1/9/2022	8.34	18.32	0.10	7.0		
1/10/2022	8.09	21.60	0.10	6.7		
1/11/2022	8.05	17.68	0.62	41.6		
1/12/2022	8.07	21.00	0.10	6.7		
1/13/2022	8.28	24.28	0.26	18.0		
1/14/2022	7.96					
1/15/2022	7.71					
1/16/2022	7.76	14.96	0.10	6.5		
1/17/2022	7.80	16.00	0.10	6.5		
1/18/2022	7.83	23.96	0.10	6.5		
1/19/2022	7.63	17.64	0.81	51.6		
1/20/2022	7.64	26.36	0.11	7.0		
1/21/2022	7.46					
1/22/2022	7.49					
1/23/2022	7.28					
1/24/2022	7.30	20.92	0.11	6.7		
1/25/2022	7.03	22.50	0.46	27.0		
1/26/2022	7.00	19.08	1.02	59.5		
1/27/2022	7.38	17.38	0.11	6.8		
1/28/2022	7.00					
1/29/2022	7.12					
1/30/2022	7.22	15.28	0.10	6.0		
1/31/2022	7.15	17.44	0.10	6.0		
Minimum	7.00	14.96	0.10	6.0		
Maximum	11.40	26.36	1.02	72.9		
Total	252.93	393.70	6.31	427.1		
Average	8.16	19.69	0.30	20.3		

SLUDGE DATA				
Primary Sludge TS	5.28	%	1,282,718	Gallons
WAS to Thickener TS	2.43	%	768,420	Gallons
TWAS to Digester 4 TS	5.33	%	297,110	Gallons
Hauled Grease to Digs TS		%	354,913	Gallons
Anaerobically Digested Sludge Pumping				
Drying Beds TS	2.67	%	141,540	Gallons
BFP TS	2.78	%	754,346	Gallons
Lagoons TS		%		Gallons
Total			895,886	Gallons
VS Destruction			70.1	%
Biosolids Disposal				
Class A Distribution	Jan			Dry Tons
Class B Hauling	Jan			Dry Tons
Total	Jan			Dry Tons
Class A Distribution	YTD			Dry Tons
Class B Hauling	YTD			Dry Tons
Total	YTD			Dry Tons
ENERGY DATA				
Total Digester Gas Prod			6,028,029	
Gas Volume per Volatile Solid	s Load		9.5	Cu.Ft./Lb.
<u>Digester Gas Utilization</u>				
Heat Exch	-		200,095	
Dehumidi			381,328	
	CHP		5,385,067	
	Total		5,966,490	
<u>Digester Gas Flared</u>			61,540	SCF
Natural Gas Consumed				
· ·	WWTC		47,600	
	MSB		69,800	
Chemica			57,100	
	Walnut		40,300	
Kilowatt-hours Generated CHP			437,524	
Net energy from Comed			-50,430	
Monthly net energy			4	MWH
MISCELLANEOUS				
Grit Removal	Jan			Cu. Yds
Grit Removal	YTD			Cu. Yds
Anaerobic Supernate			975,399	
Waste Activated Sludge				Gals/Day
City Water Consumed			16,830	Gallons

Downers Grove Sanitary District

January, 2022

	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
1/1/2022	11.40											
1/2/2022	11.07											
1/3/2022	10.52	6.53	1.78	578.2	156.2	72.7						
1/4/2022	10.22											
1/5/2022	9.46											
1/6/2022	8.83											23.27
1/7/2022	8.38											
1/8/2022	8.47											
1/9/2022	8.34											
1/10/2022	8.09											
1/11/2022	8.05											
1/12/2022	8.07	6.16	3.19	409.6	214.7	48.2	34.8	18.7	2,314.1	1,258.4	45.6	
1/13/2022	8.28											25.38
1/14/2022	7.96											
1/15/2022	7.71											
1/16/2022	7.76											
1/17/2022	7.80											
1/18/2022	7.83											
1/19/2022	7.63	6.28	3.81	442.1	242.5	39.3						
1/20/2022	7.64											24.41
1/21/2022	7.46											
1/22/2022	7.49											
1/23/2022	7.28											
1/24/2022	7.30											
1/25/2022	7.03											
1/26/2022	7.00	6.67	3.68	422.4	214.8	44.8						
1/27/2022	7.38											24.50
1/28/2022	7.00											
1/29/2022	7.12											
1/30/2022	7.22											
1/31/2022	7.15											
Minimum	7.00	6.16	1.78	409.6	156.2	39.3	34.8	18.7	2,314.1	1,258.4	45.6	23.27
Maximum	11.40	6.67	3.81	578.2	242.5	72.7	34.8	18.7	2,314.1	1,258.4	45.6	25.38
Total	252.93	25.64	12.46	1,852.3	828.1	205.1	34.8	18.7	2,314.1	1,258.4	45.6	97.56
Average	8.16	6.41	3.12	463.1	207.1	51.3	34.8	18.7	2,314.1	1,258.4	45.6	24.39

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Amy Underwood, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: February 1, 2022

SUBJECT: January 2022 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department during January 2022.

Special projects in January included:

Bar Screen 1 – Rag Compactor Overhaul

District maintenance staff removed the compactor from service, disassembled, cleaned and inspected it. The compaction screw, the screw liner and drive hub were replaced.

The parts that were required for this overhaul were from stock. An order has been placed to replenish our stock for the next overhaul with LAI Ltd. The total cost for these overhaul parts was \$8,329.00.

Digester 4&5 Control Building – 8" Sludge Valves #223 & #224 Replacement

Sludge valves #223 & #224 in the basement of the Digester control building were no longer operational and needed to be replaced. Two new 8" chain operated DeZurik plug valve were purchased by the District from LAI Ltd. at a total cost of \$3,300.00. The new valves were installed by Dahme Mechanical on a T&M basis. The invoice from Dahme Mechanical for the installation work has not yet been received.

FY21-22 WWTC Window Replacements – Digesters 1&2 and 4&5 Control Buildings & Operations Center

A new window & frame was installed on the south wall of the Digester 4&5 control building. This replacement was planned in our FY21-22 budget.

The east door at the Digester 1&2 control building had a broken glass panel that was replaced with new. At the Operations center, the west door glass wasn't tinted and the afternoon sun was quite blinding inside the Operations center. This glass was replaced with a deep tinted bronze glass to eliminate the issue with the sun.

Proposals were received for this year's work from three (3) window replacement companies. The proposals are as follows. Carlson Glass \$2,026.36, Willow Ridge Glass \$2,250.00 & House of Glass \$2,503.53. Initially, we awarded the project to Carlson Glass but they weren't able to meet all of our Prevailing wage & Insurance requirements. The project was then awarded to the second lowest contractor, Willow Ridge Glass, who meets all of our requirements and completed the project.

CHP 2 – 12,000 Hour Turbo Replacement

The turbo charger on the MAN engine on our CHP unit is required to be replaced every 12,000 hours of operation to maintain designed performance and engine efficiency. A new turbo charger was purchased from Nissen in the amount of \$9,723.36. The turbo was replaced in-house by District Lead Mechanic, Nick Whitefleet. In addition to the turbo replacement, Nick also repaired a couple of coolant leaks on the engine and replaced the expansion tank on the cooling system.

2019 Berlon Salt Spreader - Repairs

The hydraulic auger & spreader motors on our tractor mounted salt spreader had developed leaks. District staff replaced both hydraulic motors and the salt spinner plate that was worn-out with new. These items were purchased from Altorfer CAT in the amount of \$1,977.42. The original hydraulic motors will be rebuilt by Tri-State Hydraulics at a total cost of \$732.00 and will be kept in stock for future repairs.

Raw Sewage Pump (100 hp) VFD #2 – Replacement

The ABB variable frequency drive (VFD) #2 had failed and needed to be replaced. This was an anticipated failure that was budgeted in our FY21-22 budget. This existing drive was originally installed in 2008 and was repaired in 2013. Typically, we expect a VFD to last approximately 10 years.

We had budgeted \$6,250.00 (The typical cost for an ABB variable frequency drive) for this anticipated replacement. We requested proposals from local vendors for this replacement and received two. Brucker at \$7,800.00 for a Danfoss VFD & Rainbow Electric at \$3,411.57 for a LS Electric VFD.

Since we were already familiar with the LS Electric brand VFD as we have had one in operation at our Wroble lift station for the past 2 years with no performance issues, the significantly lower cost did not raise any concerns.

District Electrician Rolf Flechsig installed and configured the new LS Electric VFD. The start-up/commissioning was performed by Apex Automation, the new parent company for Rainbow Electric, on January 31. The new VFD is operating as expected and has a 4 year warranty.

Venard Lift Station – West Discharge Force Main Break

On 01-06-22, a force main break occurred on the west force main. District staff assisted Uno Construction with locating the leak and isolating and draining the force main. The leak was in the roadway, 74 feet north of gravity manhole V1-092. It was repaired with a stainless-steel repair sleeve. The force main was put back in operation at approximately 8:00 p.m. The total cost for this repair by Uno Construction was \$14,366.25.

Work Order Summary

Work Order Completion Dates from 1/3/2022 to 1/31/2022

Work Assignment	Completion Date	Equipment	NOTATIONS
3 Month Oil Change Blower #4	03-Jan-22	2 Aeration Blower 04	
Test for H2S at Unison Gas skid		CHP Gas Cleaning System	
2 MONTH EXERCISE OF W.A.S. MOYNO PUMPS 1 AND 3		Conc Tank Moyno Sludge Pump 1	
		Conc Tank Moyno Sludge Pump 3	
Oil Bell & Gosset Pumps		Digester 1 Heat Exchanger	
		Digester 2 Heat Exchanger	
		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Exercise of Excess Influent and Effluent Gates		Excess Flow Clarifier 1	
		Excess Flow Clarifier 2	
		Excess Flow Clarifier 3	
		Excess Flow Clarifier 4	
2 MONTH EXERCISE OF INTERMEDIATE VALVES		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	
Exercising of secondaries 1 and 2 influent gates		Secondary Clarifier 1	
		Secondary Clarifier 2	
Exercise both 24" primary influent ratio valves		Tunnel From PS to Grit	
		Tunnel/Chan Primary Clarifiers	
Diagnose and repair check engine light on JD 331	04-Jan-22	2 2015 Wheel Loader #332	DTC- Fuel pressure very low, check fuel supply and filters, 2 occurrences at 3281 and 3282 hours. Replaced primary and final fuel filters.
Replace battery.	05-Jan-22	2 2012 FORD F-350 LS	Replaced battery with new.
6,879 hours perform 700 hour oil change		CHP Engine Genset #1	changed oil and filters, sample sent for lab analysis, sample IND61506
Replace flywheel on truck.	07-Jan-22	2 2011 Ford F-250	Took to A-Len For flywheel replacement.
34,759 miles. Change oil and filter. Check fluids, filters, rotate tires		2019 Ford F-150 Pickup	Changed oil and oil filter. Replaced cabin air filter. Rotated tires.
Overhaul rag compactor.		Bar Screen Rag	Replaced screw, liner, coupling and shaft seal.
Tuesday, February 1, 2022			Page 1 of 3

Work Assignment	Completion Date	Equipment	NOTATIONS
		Compactor	
Check all life ring boxes and clean if needed.	09-Jan-22	-	
ANNUAL SERVICE ON TOYOTA FORK LIFT	10-Jan-22	2016 Toyota Forklift	
Annual PM-repair on Brown Auger #1	11-Jan-22	2014 AUGER-DAWG G- 30 4D091	Annual PM and repairs of Auger #1, performed yearly inspection and maintenance of auger. Replaced hydraulic motor, support hub assembly, and wear plate.
7,008 Hours. Perform 1,200 hour maintenance on engine		CHP Engine Genset #1	Performed all tasks typical to a 1,200 hour maintenance.
Procure and set up dehumidifier in sub-basement of raw sewage building.		Raw Sewage Pump Station	Procured and set up dehumidifier in the sub-basement of raw sewage building.
EXERCISE RAW SEWAGE PUMP INTAKE AND DISCHARGE	12-Jan-22	Raw Sewage Pump 1	
		Raw Sewage Pump 2	
		Raw Sewage Pump 3	
		Raw Sewage Pump 4	
		Raw Sewage Pump 5	
Annual PM- and repair of Green Auger #2	13-Jan-22	2004 AUGER-DAWG G- 30 4D087	Annual PM/repair of Auger #2- Green. Replaced hydraulic couplers, rebuild support hub, repaired hitch plate.
Replace small cooling filters for ABS #2		Aeration Blower ABS #2	
Procure and set up dehumidifier in basement of Hypochlorite Feed Bldg		Hypochlorite Feed Blg	Procured and set up dehumidifier in basement of Hypochlorite Feed building.
Cross collector drive motor very loud.	14-Jan-22	Primary Clarifier 8	Replace drive motor with new. Procure replacement motor for stock.
Monthly Cross Collector Check	17-Jan-22	Primary Clarifier 3	
		Primary Clarifier 4	
		Primary Clarifier 5	
		Primary Clarifier 6	
		Primary Clarifier 7	
		Primary Clarifier 8	
		Primary Clarifier 9	
Replace UPS batteries with new on "lag" UPS, put lag in "lead".	18-Jan-22	Butterfield Lift Station	Replaced UPS batteries at all lift stations.
		Centex Lift Station	
Procure spark plugs for both engines.		CHP Engine Genset #1	Ordered and picked up 16 spark plugs.
		CHP Engine Genset #2	
Change small air filter located on Unison Control Panel A/C Air intake		CHP Gas Cleaning System	
Replace UPS batteries with new on "lag" UPS, put lag in "lead".		College Lift Station	Replaced UPS batteries at all lift stations.
		Earlston Lift Station	
Exercising of Raw and Excess Influent valves		Excess Flow Pump Station	
Replace UPS batteries with new on "lag" UPS, put lag in "lead".		Hobson Lift Station	Replaced UPS batteries at all lift stations.
		Liberty Park LS	
T. 1 51 1 2022			D 0.00

Tuesday, February 1, 2022 Page 2 of 3

Work Assignment	Completion Date	Equipment	NOTATIONS
		Northwest Lift Station	
Exercising of Raw and Excess Influent valves		Raw Sewage Pump Station	
Replace UPS batteries with new on "lag" UPS, put lag in "lead".		Venard Lift Station	Replaced UPS batteries at all lift stations.
		Wroble Lift Station	
Safety lane Vehicle 317	19-Jan-22	2 2009 Sterling LT 7500	
7,216Hours. Replace spark plugs due to run time.		CHP Engine Genset #1	Replaced all spark plugs with new.
Replace the cover level transducer that has failed.		Digester 4 Cover	Remove the old level transducer, install and configure the new unit.
Annual Oil Change Gear Reducer Grit Conveyors.		Grit Conveyor System	
Annual maintenance of Stanley Power Packs.	20-Jan-22	2 2006 Stanley Hydraulic Power	
		2012 Stanley Hydraulic Pump	
		2019 Stanley Twin Hyd Pump	
Restock UPS Units for Scada panels.		SCADA	Purchase (2) 900va & (2) 550va UPS Units from Micro Center.
Annual maintenance of Stanley Power Packs.	21-Jan-22	2 2012 Stanley Hydraulic Pump	
Replace glass on East facing double door (M4 South door).		Digester 1 and 2 Control Bldg	Received numerous estimates for glass replacement. Willow Ridge glass won and performed the work.
Replace inoperable South facing window with new.		Digester 4 - 5 Control Buildg	
Replace glass on West facing door (North H-2).		Operations Center	
Procure replacement 2" y-strainer screens for TWAS.		WAS Volute Thickener TWAS Pump	Procured new screens.
5,857 miles. Perform oil and filter change on truck.	24-Jan-22	2 2021 F150 4x4 (System)	Change oil and oil filter. Check fluids and tire pressure. Rotate tires.
Troubleshoot and repair level transducer Failure.		Belt Press Feed Sludge Pits	Determined level transducer had failed. Replaced with new.
24,340 Hours. Perform 1200 hour service on engine.		CHP Engine Genset #2	Performed all aspects of a 1200 hour service. Changed oil and oil filters. Replaced spark plugs. Replaced coolant system expansion vessel with new due to failure. Replaced throttle rod ends with new.
Wet well fan and piping have failed. Replace fan and re-pipe.		Old Raw Sewage Sump	Replaced fan with new. Replaced piping with new.
Spreader not working properly, has hydraulic leak(s).	25-Jan-22	2 2019 BERLON Salt Spreader	Auger motor and spinner motor both leaking. Spinner beginning to fail. Replaced both motors with new. Replaced spinner with new. Sent old motors out for repair.
Procure and install running boards on truck.	27-Jan-22	2 2018 Ford F-150 2WD Reg Cab	Installed running boards on truck.
6000 Hour Oil Change on Unison Gas Skid Blower		CHP Gas Cleaning System	
Carriage Drive Malfunction		Filter 5	Repaired gear motor mount plate. Lengthened roller chain, and remounted and adjusted both sprockets.
Replace Air Filters On Both Fume Hood Air Make Up Systems	28-Jan-22	2 Laboratory	Replace filters on both air make up systems for the fume hoods. Purchase filters for stock.
Semi-annual Calibration		ORP System	Verify Calibration on both probes.
Replace the VFD that failed.	31-Jan-22	2 Raw Sewage Pump VFD 2	Remove the old ABB 100 HP drive, install & configure the new LS drive. Start up was on 01-31-22 by Rainbow Electric. This new drive has a 4 year warranty.

Tuesday, February 1, 2022 Page 3 of 3

DOWNERS GROVE SANITARY DISTRICT M E M O

DATE: February 1, 2022

Amy Underwood General Manager TO:

FROM: Robert Swirsky

Sewer System Maintenance Supervisor

RE: Monthly Report – January 2022

1.	JULIE Line Markings:	Current	Year to Date
1.	Received	369	369
	In District	344	344
	Marked	141	141
	Man Hours	70	70
	Maii Houis	70	70
2.	Building Service:	Current	Year to Date
	a. BSSRAP TV Inspections	19	19
	b. Emergency BSSRAP Repairs	11	11
	c. Total BSSRAP Repairs	13	13
	d. I&I inspections	00	00
	e. I&I C.O. installation	00	00
	f. Replace broken cleanout caps	00	00
	g. OHSP TV Inspections	00	00
	h. Post Rodding TV	05	05
3.	Sewer backups:	Current	Year to Date
	a. Public sewer	00	00
	b. Private sewer	17	17
	c. Surcharged main	00	00
	d. Pump station	0 <u>0</u>	0 <u>0</u>
	Total	17	17
		Current	Year to Date
4.	Sewer Cleaning (DGSD personnel):	0	0 Ft.
	a. Sewer Cleaning (outside contractors):	0	0 Ft.
5.	Main Sewer Televising (DGSD personnel)	: 0	0 Ft.
	a. Sewer Televising (outside contractors):	0	0 Ft.
6.	LETS TV	0	0
7.	Manhole inspections	0	0

- Sewer and manhole repairs and replacements by Uno Construction: Repair broken force main FMV-BEND-001-B to FMV-001. 8.
- Miscellaneous: (sewer system personnel) 9.
 - Upload Flow-Meters. Relocate Flow-Meters. a.
 - b.

CC: WDVB, AES, PWC, RTJ, KJR, MS, CSS, MPG

DOWNERS GROVE SANITARY DISTRICT M E M O

DATE: February 2, 2022

TO: Amy R. Underwood

General Manager

FROM: Keith Shaffner

Sewer Construction Supervisor

RE: Monthly Report: Sewer Construction \ Code Enforcement – January 2022

1. Per	rmits issued:	Current	Year to Date
a. b.	Single family Multiple family	2	2
c.	Commercial	0	0
d.	Repair	2	2
e.	Disconnection Total	<u>3</u> 8	<u>3</u> 8

2.	Ins	pections made:	Current	Year to Date
	a.	Connections	2	2
	b.	Finals	5	5
	c.	Repairs	3	3
	d.	Disconnects	4	4
	e.	Groundwork	0	0
	f.	Walk-Thru	0	0
	g.	Pre-connections	0	0
	h.	Overhead Sewer Program	0	0
	i.	Code Enforcement	0	0
	j.	Lateral testing	<u>2</u>	<u>2</u>
	-	Total	16	16

3. New Sewer Extension Construction:

None

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

None

5. Code Enforcement:

None

- 6. Plan & Permit Reviews:
 - a. 68 Piers Multi Family Repair Permit
 - b. 907 Prairie Single Family Home Review
 - c. 1791 Boundary Single Family Home Review
 - d. 3916 Douglas Single Family Home Review
 - e. 4612 Stonewall Single Family Repair Permit
 - f. 270 Village Commercial Review
 - g. 1856 Grant Sanitary Main Extension Review
 - 7. Building Sanitary Service Access Agreements:
 - a. 128 Maple Downers Grove
 - 8. Illinois EPA Permits:

None

9. Waste Hauling Permits Issued:

None

- 10. Miscellaneous:
 - a. Covid-19 pandemic The Code Enforcement Department has continued to function at a high level of service. Inspector Danny Jasso and Oscar Avila have been working in the field using safe social distancing and personal protective equipment as necessary to complete their inspections.

CC: WDVB, AES, PWC, KJR, RTJ, MJS, RPS & MGP

Permits Issued: JANUARY 2022

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE TAP FEE	INSP FEE
2022	1	68	PIERS	W	1/6/2022	REPAIR	_
2022	93	926	MAPLE	DG	1/6/2022	MULTI \$271,602.00	\$381.00
2022	2	907	PRAIRIE	DG	1/12/2022	DISCON	
2022	3	3765	GLENDENNING	DG	1/14/2022	DISCON	
2022	9	3916	DOUGLAS	DG	1/13/2022	DISCON	
2022	130	5821	LYMAN	DG	1/12/2022	SF-RB	\$230.00
2022	124	128	MAPLE	DG	1/14/2022	SF-RB	\$230.00
2022	5	4612	STONEWALL	DG	1/26/2022	REPAIR	
					TOTAL	\$271,602.00	\$841.00

Permit Final Inspections: JANUARY 2022

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2021	3	4501	STATTON	DG	1/7/2022
2020	96	6036	MARGO	DG	1/12/2022
2021	33	4513	WILSON	DG	1/13/2022
2021	1	4732	SARATOGA	DG	1/17/2022
2021	17	5808	FAIRMOUNT	DG	1/20/2022

Progress Report

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

Date: February 2, 2022

Re: January 2022 Laboratory Report

We had zero excess events in January 2022. We had zero permit excursions in January.

Surcharge:

We completed the surcharge sampling for 2021 in December. We compiled all the data and sent the file to the billing department to update customer accounts for the coming year. We will begin 2022 sampling in the spring.

Biosolids:

We submitted the July-December Semi-Annual Biosolids Report to the IEPA as we are required to do each semi-annual period. We have begun organizing the 2021 data to report to the USEPA and IEPA during the month of February. All sampling data from the month of January is well below the class A biosolids limits.

Staff Activities:

A local wastewater plant watched our presentation on Ultra Low TRC and requested a visit to see the equipment and testing in person. We're trying to setup a visit during the month of February.

To: Amy Underwood, General Manager From: Alex Bielawa, Staff Engineer

Re: Engineering Report for the Month January, 2022

Date: February 2, 2022

I. Planning Projects & Studies

A. Flow Monitoring

Cycle F data collection is ongoing. A copy of the District's I/I map will be provided in March.

B. Outfall Sewer Study

Baxter & Woodman has completed the wetland delineation for the portion of the outfall sewer that was not part of the Outfall Sewer Sag project. The new delineation significantly decreased the wetland buffer area which was impacted by the Outfall Sewer Sag.

Tree removal over the outfall pipe was included in the budget for next year. Coordination still needs to be done with the railroad before moving forward with this. Lining of the sections of the outfall pipe which get substantial roots was spread across three years at the end of the five-year plan which will be presented to the Board at the February meeting.

C. Downtown Downers Grove Modeling

Baxter & Woodman has submitted preliminary modeling results after updating the downtown sewer system model. Staff reviewed the results with Baxter & Woodman, and a few minor modifications were made to the report. The District will install additional flow meters in the downtown area in response to the results and to hopefully find other sources of I/I to remove from the system. The District is going to work with the Village to eliminate a couple of known significant sources of I/I before the new Village Hall, Police Department and apartment complex are connected.

D. Butterfield Lift Station Replacement

I have been working on a study to replace our Butterfield Lift Station. A memo of the study is expected to be completed in the spring. A preliminary estimate has been included in the budget for approval.

E. Budget Preparation

Parts for our aging OSEC unit are no longer available, and it is likely that the District would be unable to repair the unit if it were to break. In preparation of the FY22-23 budget, I had been developing life cycle costs for replacing the OSEC unit versus purchasing bulk hypochlorite. While doing so, I discovered that there are some electrical issues pertaining to the OSEC unit. These are currently being investigated by Baxter & Woodman. Until we know the full extent of the electrical issues, purchase of bulk hypochlorite has been budgeted for next year, just in case the unit breaks.

II. Design Projects

A. Centex Lift Station Replacement

The Contractor is in the processing of preparing shop drawings for review. It is anticipated that the Contractor will not break ground until April or May.

B. Outfall 001 Sanitary Sewer Repair

DuPage County has approved the revised plans and specifications. The project will be advertised soon. It is anticipated this project will be advertised at the end of February. Please see the Baxter & Woodman Client Status Report for more information.

C. Curtiss Street Sewer Lining

Baxter & Woodman has completed the wetland delineation for the Curtiss St. lining project. Baxter & Woodman is working on the plans and specifications for the project. Please see the Baxter & Woodman Client Status Report for more information.

D. Administration Building Improvements

An estimate of remodeling work has been included in the budget for approval.

III. Construction Projects

A. 1K-028 Flow Basin Rehabilitation – Phase 3

Performance Construction & Engineering did not submit a payment application this month.

The remaining restorations will be complete in Spring 2022.

C: BOT, BOLI, MGP, CSS

Downers Grove Sanitary District



Client Manager:

Derek Wold dwold@baxterwoodman.com 815-444-3335

Project Status Report Issued On: 1/21/2022

Project Title/Job	Project Manager	Completion Date	Tasks Completed This Period	Tasks Pending This Period	Items Waiting On Client	Status Date
Flow Monitoring Job Number: [050739.90]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	12/30/2019	Provide historical rainfall data.	Assist District with analysis.	None	1/20/2022
Sewer Modeling (Hobson PS, downtown Downers Grove and Westmont) Job Number: [071129.30]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	7/1/2008	Update Downtown Downers Grove (Gilbert TS) Model for December 2021 data. Provide Draft Memo of model results.	Meet with District. Revise Memo per District comments.	None.	1/20/2022
Nutrient Study RAS Denit Job Number: [120501.33]	Derek Wold 815-444-3335 dwold@baxterwoodman.com	12/31/2020	Met with Alex and discussed BNR scenarios.	Evaluation of scenarios as requested by District. Discuss KWRD presentation.	Results after reinstating ATs 1-3.	1/18/2022
1K-028 Flow Basin Rehabilitation Construction Services Job Number: [150980.62]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	4/30/2022	Assist Project Closeout	None		1/19/2022
Outfall Sewer Study Job Number: [180237.30]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	5/25/2022	None.	None.	Direction on further work.	1/20/2022
Outfall Sewer Sag Repair Job Number: [180237.40]	Shane Firsching 815-444-3395 sfirsching@baxterwoodman.com	12/31/2019	None.	Advertise project. Assist bidders. Attend Pre-Bid Conference. Prepare Addendum #1. Attend Bid Opening. Prepare Award Recommendation Letter.	Discuss bidding schedule.	1/20/2022

Page: 1 of 2 (Run Date: 1/21/2022 4:01:07 PM) Job# Sort (v2)

Project Title/Job	Project Manager	Completion Date	Tasks Completed This Period	Tasks Pending This Period	Items Waiting On Client	Status Date
Centex PS Replacement - CS Job Number: [181059.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	8/1/2022	Progress payment for ongoing construction administration tasks and submittal review	Submittal Review, Ongoing GCA/RPR Tasks. Waiting for panel submittal and credit.		1/19/2022
Sludge Storage Building Job Number: [200381.40]	Chuck Brunner 815-444-3210 cbrunner@baxterwoodman.com	4/1/2021	None	None	Project construction postponed. Pending client review comments on preliminary design and determination of acceptable location for contractor material storage and staging area.	1/19/2022
Curtiss Street CIPP Lining Job Number: [211126.40]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	5/30/2022	Project Management, Finalize Bidding Documents.	Wait for funding source		1/19/2022



26 Agreement Received Ready For C/O
28C Agreements Received, C/O & TV Needed
2D BSSRAP/OHSP TV Done
3A Released For Cleanout
4 inspection Done Agreements Needed

5A Inspection Done Qualifies for BSSRAP

5B Unable to TV 5BX Unable to TV, Violation

Downers Grove Sanitary District I&I Removal Target Area 1K-028 Parcel Status



STATUS OF 1K-028 INSPECTIONS AND AGREEMENT ACQUISITIONS

Category	Inspections Scheduled	Inspections Completed	Application Received	Agreements Signed	Cleanout Installed	Service Rehab Done	Totals	Total as Percentage
1A	Υ	Υ	N	Υ	Y	N/A	19	8%
1B	Υ	Υ	N	N	N	N/A	1	0%
2A	Υ	Υ	Υ	Υ	Υ	N	82	36%
2B	Υ	Υ	Υ	Υ	Υ	N	17	7%
2D	Υ	Υ	Υ	N	N	N	3	1%
3A	Υ	Υ	Υ	Υ	N	N	4	2%
4	Υ	Υ	N	N	N	N	38	17%
4A	N	N	N	N	N/A	N	4	2%
5	Υ	N	N	N	N	N	0	0%
5A	Υ	Υ	N	N	N	N	11	5%
5AX	Υ	Υ	N	N	N	N	0	0%
5B	Υ	N	N	N	N	N	12	5%
5BX	Υ	N	N	N	N	N	1	0%
0	N	N	N	N	N	N	30	13%
X	-	-	-	-	-	-	5	2%
5X	-	-	-	-	-	-	1	0%
<u>Cate</u>	gory Description	<u>n:</u>					228	100%

Category Description:

1A - PVC service with cleanout(may need to be sealed at the main)

1B - All PVC no Cleanout

2A - Cleanout installed, ready for rehab

2B - Ready for rehab

2D - BSSRAP/OHSP TV done

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

X - Demolished

5X - Inspection done - Violation not corrected

11% Complete

Combined pit violations found and corrected to date - 0 Storm pit violations found and corrected to date - 2

2015 Basin I&I Ranking = 1 2016 Basin I&I Ranking = 27

2018 Basin I&I Ranking = 6

2019 Basin I&I Ranking = 20 2020 Basin I&I Ranking = 15

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE: 1/31/2022

DATE	1. 1/31/2022						PREVIOUS MONTH				
CASH	BALANCES				_	TOTAL BALANCE		_			
ACCOL	UNT NAME	ACCOUNT NUMBER	₹	BALANCE PER BANK STATEMENT		PER BANK STATEMENTS	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT PERCENTAGE			
FLEXI PAYR PETT	URSEMENT IBLE BENEFITS	XXXXXXXXX1116 XXXXXXXXX1111 XXXXXXXXX6025 XXXXXXXXX1117 XXXXXXXXXX1112 XXXXXXXXXX		\$2,472,020.45 115,608.02 3,244.34 149,850.53 3,916.19 4,959.45							
TOTAL	- CASH AT BANK			\$2,749,598.98		\$2,432,126.23	\$290.06	0.0119%			
INVES	STMENTS				ANINII IAI	GENERAL	'AADDOMENAENIT	CONCEDITOR	PUBLIC	SEWER	INTEREST
TYPE	FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	ANNUAL INT. RATE	CORPORATE FUND (01)	IMPROVEMENT FUND (02)	CONSTRUCTION FUND (03)	BENEFIT FUND (05)	EXTENSION FUND (71)	EARNED AT MATURITY
CD	FIRST MIDWEST BANK	13 MOS	4/7/2022	\$250,000.00	0.150%	\$250,000.00					\$406.25
CD	ROYAL SAVINGS BANK	13 MOS	8/2/2022	\$250,000.00	0.250%	\$250,000.00					\$677.08
TOTAL	CDs			\$500,000.00	0.217%	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.33
					CURRENT RATE OF						ESTIMATED ANNUAL
TYPE	FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT*	RETURN						RETURN
MM	AXOS BANK	ONGOING	10/30/2020	\$249,633.76	0.250%	\$249,633.76					\$624.08
MM	BANKFINANCIAL	ONGOING	3/13/2013	\$250,086.77	0.150%	\$250,086.77					\$375.13
MM	ONE WEST BANK	ONGOING	11/9/2016	\$250,000.00	0.150%	\$250,000.00					\$375.00
MM	EVERGREEN BANK GROUP	ONGOING	2/23/2021	\$250,000.00	0.200%	\$250,000.00					\$0.00
MM	LIMESTONE BANK	ONGOING	1/25/2021	\$250,583.07	0.210%	\$250,583.07					\$526.22
MM	LISLE SAVINGS BANK	ONGOING	11/10/2020	\$250,009.92	0.300%	\$250,009.92					\$750.03
MM	LUANA SAVINGS BANK	ONGOING	10/29/2020	\$250,119.70	0.600%	\$250,119.70					\$1,500.72
MM	ROYAL SAVINGS BANK	ONGOING	12/4/2012	\$154.48	0.000%	\$154.48					\$0.00
MM	STEARNS BANK	ONGOING	9/1/2015	\$250,000.00	0.500%	\$250,000.00					\$1,250.00
MM	TRISTATE CAPITAL BANK	ONGOING	4/16/2021	\$250,011.91	0.150%			\$250,011.91			\$375.02
MM	WEST SUBURBAN BANK	ONGOING	11/20/2012	\$5,144.09	0.000%			\$5,144.09			\$0.00
TOTAL	MM ACCOUNTS			\$2,255,743.70	0.256%	\$2,000,587.70	\$0.00	\$255,156.00	\$0.00	\$0.00	\$5,776.20
ILLINO	IS FUNDS - MONEY MARKET			\$2,482,817.03	0.076%	\$1,062,683.26	\$862,886.93	\$557,246.84	\$0.00	\$0.00	\$1,886.94
TOTAL	- ALL INVESTMENTS			\$5,238,560.73	0.167%	\$3,563,270.96	\$862,886.93	\$812,402.84	\$0.00	\$0.00	\$8,746.48

TOTAL CASH AND INVESTMENTS

\$7,988,159.71

^{*}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
Paul W. Coultrap
Clerk



General Manager Amy R. Underwood

Legal CounselMichael G. Philipp

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: February 4, 2022

Subject: Treasurer's Report for January 2022

Attached please find the subject report that tracks income and expenses through the first nine months of Fiscal Year 21-22.

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

Year-to-date	Income	Expenses
General Fund	\$ 8,028,310.18 (page 1)	\$ 6,807,913.85 (page 6)
Improvement Fund	\$ 131,525.25 (page 7)	\$ 103,401.35 (page 7)
Construction Fund	\$ 321,355.28 (page 8)	\$ 14,403.64 (page 9)
Public Benefit Fund	\$ 13.19 (page 10)	\$ 0.00 (page 10)
TOTAL	\$ 8,481,203.90	\$ 6,925,718.84

The income in all accounts except the Public Benefit Fund were larger than usual. An incentive payment through the ComEd Energy Efficiency program is included this month in the General Fund. The sewer permit payment for the multi-family development on 926 Maple Ave, Downers Grove was also received, which is significant income for both the Improvement Fund and the Construction Fund.

C: BOLI, MGP, CSS

Downers Grove Sanitary District Date: 02/01/2022

Treasurer's Report Recap for Month Ending 01/31/22

Page: 1

Fund	nur	nbe	er & Description	Ending
				Fund Balance
Fund	01	:	GENERAL FUND	\$5,436,796.92
Fund	02	:	IMPROVEMENT FUND	\$1,148,367.82
Fund	03	:	CONSTRUCTION FUND	\$1,571,995.84
Fund	05	:	PUBLIC BENEFIT FUND	\$37,817.83
Recap	To	ota	als	\$8,194,978.41

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 1 FUND 01 GENERAL FUND

COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	૪	BUDGET
DEPT 05 REVENUES	========	=======	========	=======		======	=======
3000 PROPERTY TAXES	.00	0	1,301,387.92-	1,291,800-	9,587.92-	. 7	1,291,800-
3001 USER RECEIPTS	266,734.03-		2,779,361.57-		119,930.57-		3,470,300-
3002 SURCHARGES	31,012.78-		274,424.72-	235,649-	38,775.72-	16.5	307,500-
3004 PLAN REVIEW FEES	667.40-	0	2,636.62-	375-	2,261.62-	603.1	500-
3005 CONSTRUCTION INSPECTION FEES	.00	0	547.50-	360-	187.50-	52.1	500-
3006 PERMIT INSPECTION FEES	841.00-	1,600-	12,685.00-	15,200-	2,515.00	16.6-	20,000-
3007 INTEREST ON INVESTMENTS	299.96-	1,500-	4,810.19-	13,500-	8,689.81	64.4-	18,000-
3013 SAMPLING AND MONITORING	10,313.78-	6,250-	83,850.41-	56,250-	27,600.41-	49.1	75,000-
3014 REPLACEMENT TAXES	28,997.36-	9,000-	132,104.71-	55,200-	76,904.71-	139.3	75,000-
3015 MISCELLANEOUS INCOME	.00	833-	5,953.52-	7,497-	1,543.48	20.6-	10,000-
3021 TELEVISION INSPECTION	.00	0	.00	150-	150.00	100.0-	150-
3023 PROPERTY LEASE PAYMENTS	3,016.46-	·		26,253-	321.84-	1.2	35,000-
3024 MONTHLY SERVICE FEES	320,468.13-	·	3,095,046.51-		71,471.49		4,132,000-
3027 GREASE WASTE	8,777.00-	.,	148,667.40-	165,150-	16,482.60	10.0-	220,000-
3040 RENEWABLE ENERGY CREDITS	.00	750-	.00	2,250-	2,250.00	100.0-	3,000-
3094 GRANTS AND INCENTIVES	80,251.05-	0	160,259.27-	0	160,259.27-	.0	0
DEPT 05 TOTALS	751,378.95-	683,782-	8,028,310.18-	7,695,583-	332,727.18-	4.3	,658,750-
FUND REVENUE TOTAL	751,378.95-	683,782-	8,028,310.18-	7,695,583-		4.3	,658,750-
DEPT 11 O & M EXPENSES - ADMINISTRATION					:========		
SECT A SALARIES AND WAGES							
A001 TRUSTEES	.00	0	13,500.00	13,500	.00	.0	18,000
A002 BOLI	.00	0	.00	675	675.00-	100.0-	900
A003 GENERAL MANAGEMENT	13,632.40	24,823	181,632.64	232,472	50,839.36-	21.9-	296,500
A004 FINANCIAL RECORDS	14,852.67	16,124	157,257.79	161,240	3,982.21-	2.5-	201,550
A005 ADMINISTRATIVE RECORDS	1,798.07	1,968	21,453.49	19,681	1,772.49	9.0	24,600
A006 ENGINEERING	91.85	472	2,991.74	4,720	1,728.26-	36.6-	5,900
A007 CODE ENFORCEMENT	27,171.08	29,516	252,014.48	295,160	43,145.52-	14.6-	368,950
A008 SAFETY ACTIVITIES	2,496.44	3,188	26,838.72	31,880	5,041.28-	15.8-	39,850
A030 BUILDING AND GROUNDS	.00	432	1,020.91		3,300.09-	76.4-	5,400
A085 INCENTIVE	.00	0	1,825.00	2,800	975.00-	34.8-	2,800
A086 VACATION BUYOUT	.00	0	5,650.02	12,700	7,049.98-		12,700
A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE	350.00	364	3,275.00	3,640 ======	365.00- 		4,550
SECT A TOTALS	60,392.51	76,887	667,459.79	782,789	115,329.21-	14.7-	981,700
SECT B OPERATIONS AND MAINTENANCE	==		==		:========		=
B100 ELECTRICITY	.00	350	7,160.78	3,650	3,510.78	96.2	4,450
B101 NATURAL GAS	305.26	350	802.60	2,100	1,297.40-	61.8-	3,000
B102 WATER, GARBAGE AND OTHER UTILITIES	90.22	200	769.70	1,060	290.30-	27.4-	1,250
B110 BANK CHARGES	1,772.97	1,600	16,475.39	14,400	2,075.39	14.4	19,000
B112 COMMUNICATION	1,455.71	2,000	19,247.33	18,000	1,247.33	6.9	24,000
B113 EMERGENCY/SAFETY EQUIPMENT	100.64	2,400	11,005.49	21,800	10,794.51-	49.5-	29,000
B115 EQUIPMENT/EQUIPMENT REPAIR	5,311.03	10,300	55,087.51	111,500	56,412.49-	50.6-	142,000

DATE 02/01/22 MONTH ENDED 01/31/22 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	129.94	625	3,237.20	5,625	2,387.80-	42.5-	7,500
B117 EMPLOYEE/DUTY COSTS	59.00	1,400	4,115.13	12,600	8,484.87-	67.3-	16,750
B118 BUILDING AND GROUNDS	805.38	21,000	37,634.44	161,000	123,365.56-	76.6-	166,000
B119 POSTAGE	3.89	650	2,211.06	6,050	3,838.94-	63.5-	8,000
B120 PRINTING/PHOTOGRAPHY	385.25	300	7,024.39	11,600	4,575.61-	39.4-	12,500
B121 USER BILLING MATERIALS	5,169.47	6,250	51,394.75	56,250	4,855.25-	8.6-	75,000
B124 CONTRACT SERVICES	3,135.81	8,875	35,865.36	79,875	44,009.64-	55.1-	106,500
B137 MEMBERSHIPS/SUBSCRIPTIONS	.00	350	6,334.88	8,070	1,735.12-	21.5-	9,500
SECT B TOTALS	18,724.57	56,650	258,366.01	513,580	255,213.99-	49.7-	624,450
SECT C VEHICLES							
C222 GAS/FUEL	38.55	175	415.68	1,150	734.32-	63.9-	1,500
C225 OPERATION/REPAIR	.00	0	1,045.84	1,950	904.16-	46.4-	2,600
C226 VEHICLE PURCHASES	.00	0	.00	17,500	17,500.00-	100.0-	17,500
SECT C TOTALS	38.55	175	1,461.52	20,600	19,138.48-	92.9-	21,600
DEPT 11 TOTALS	79,155.63	133,712	927,287.32		389,681.68-		.,627,750
DEPT 12 O & M EXPENSES - WWTC							
SECT A SALARIES AND WAGES A006 ENGINEERING	4,111.83	3,328	39,537.87	33,280	6,257.87	18.8	41,600
A000 ENGINEERING A009 OPERATIONS MANAGEMENT	8,736.19	7,980	74,866.24	79,800	4,933.76-	6.2-	99,750
A010 MAINTENANCE - BUDGET	.00	48,220	.00	469,179	38,167.98-	8.1-	591,900
A011 MAINTENANCE - WWTC	33,786.98	10,220	309,656.45	0	.00	.0	0
A012 MAINTENANCE - VEHICLES	185.95	0	427.69	0	.00	. 0	0
A013 MAINTENANCE - ENERGY RECOVERY	.00	0	1,818.29	0	.00	. 0	0
A014 MAINTENANCE - ELECTRICAL	14,650.00	0	119,108.59	0	.00	.0	0
A020 WWTC - BUDGET	.00	45,552	.00	455,520	841.05-	.2-	569,400
A021 WWTC - OPERATIONS	34,957.80	0	305,408.07	0	.00	.0	0
A022 WWTC - SLUDGE HANDLING	10,374.12	0	143,311.31	0	.00	.0	0
A023 WWTC - ENERGY RECOVERY	616.99	0	5,959.57	0	.00	.0	0
A030 BUILDING AND GROUNDS	8,461.01	8,972	73,108.92	89,720	16,611.08-	18.5-	112,150
A085 INCENTIVE	200.00	0	1,800.00	3,400	1,600.00-	47.1-	3,400
A086 VACATION BUYOUT	.00	0	4,870.84	24,850	19,979.16-	80.4-	24,850
A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE	.00	52 	50.00	520 	470.00-	90.4-	650
SECT A TOTALS	116,080.87	114,104	1,079,923.84	1,156,269	76,345.16-	6.6- 1	,443,700
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	.00	7,000	41,010.71	70,000	28,989.29-	41.4-	93,000
B101 NATURAL GAS	1,418.52	1,600	4,519.75	6,300	1,780.25-	28.3-	10,000
B102 WATER, GARBAGE AND OTHER UTILITIES	3,165.25	4,650	22,539.24	28,150	5,610.76-	19.9-	35,000
B103 ODOR CONTROL	1,427.00	200	2,712.00	2,300	412.00	17.9	3,000
B104 FUEL - GENERATORS	.00	0	.00	10,500	10,500.00-		14,000
B112 COMMUNICATION	1,046.94	1,850	12,985.16	16,650	3,664.84-	22.0-	22,000
B113 EMERGENCY/SAFETY EQUIPMENT	606.57	2,000	14,861.32	18,000	3,138.68-	17.4-	23,000

TREASURER'S REPORT

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 3

FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
	========	=======		:=======		=======	
B116 SUPPLIES	1,038.99	2,600	18,129.22	23,500	5,370.78-	22.9-	31,300
B117 EMPLOYEE/DUTY COSTS	1,318.25	2,100	10,998.67	20,400	9,401.33-	46.1-	26,000
B124 CONTRACT SERVICES	.00	0	216,110.00	216,100	10.00	.0	216,100
B130 NPDES PERMIT FEES	.00	0	53,000.00	53,000	.00	.0	53,000
B131 SLUDGE HAULING/DISPOSAL SERVICES	.00	0	34,524.00	40,000	5,476.00-	13.7-	80,000
B400 CHEMICALS - BUDGET	.00	10,850	.00	97,700	959.73-	1.0-	130,250
B401 CHEMICALS - DISINFECTION	.00	0	24,343.28	0	.00	.0	0
B402 CHEMICALS - SLUDGE DEWATERING	5,443.38	0	46,998.32	0	.00	.0	0
B403 CHEMICALS - TERTIARY TREATMENT	.00	0	4,222.00	0	.00	.0	0
B404 CHEMICALS - OTHER	.00	0	21,176.67	0	.00	.0	0
B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS	561.30	1,875	198,390.77	239,375	40,984.23-	17.1-	245,628
B502 EQPT/EQPT REPAIR - DISINFECTION	.00	1,000	15,642.31	31,900	16,257.69-	51.0-	34,859
B503 EQPT/EQPT REPAIR - EXCESS FLOW	.00	8,400	3,035.62	35,600	32,564.38-	91.5-	38,109
B504 EQPT/EQPT REPAIR - GRIT REMOVAL	.00	1,500	7,310.46	32,900	25,589.54-	77.8-	37,109
B505 EQPT/EQPT REPAIR - INFLUENT PUMPING	.00	2,150	13,667.73	39,100	25,432.27-	65.0-	45,577
B506 EQPT/EQPT REPAIR - PRIMARY TREATMENT	1,678.88	2,210	29,416.96	44,890	15,473.04-	34.5-	51,523
B507 EQPT/EQPT REPAIR - SECONDARY TREATMENT	1,945.15	17,740	71,628.96	139,660	68,031.04-	48.7-	147,877
B508 EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	.00	530	1,082.50	4,770	3,687.50-	77.3-	6,365
B509 EQPT/EQPT REPAIR - SLUDGE DEWATERING	2,551.96	1,945	20,358.73	17,505	2,853.73	16.3	23,340
B510 EQPT/EQPT REPAIR - SLUDGE DIGESTION	2,612.88	3,625	62,263.22	83,625	21,361.78-	25.5-	94,497
B511 EQPT/EQPT REPAIR - TERTIARY TREATMENT	47.20	1,326	7,996.36	19,434	11,437.64-	58.9-	28,414
B512 EQPT/EQPT REPAIR - WWTC GENERAL	6,840.85	2,785	25,255.48	37,565	12,309.52-	32.8-	45,918
B513 EQPT/EQPT REPAIR - WWTC UTILITIES	9,831.18	14,400	250,403.13	252,300	1,896.87-	.8-	295,334
B801 BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS	.00	292	.00	2,628	2,628.00-	100.0-	3,500
B802 BLDG AND GROUNDS - DISINFECTION	.00	90	309.84	810	500.16-	61.8-	1,061
B803 BLDG AND GROUNDS - EXCESS FLOW	.00	90	510.24	810	299.76-	37.0-	1,061
B804 BLDG AND GROUNDS - GRIT REMOVAL	.00	85	14,331.16	20,795	6,463.84-	31.1-	21,061
B805 BLDG AND GROUNDS - INFLUENT PUMPING	666.66	664	21,617.70	15,976	5,641.70	35.3	17,957
B806 BLDG AND GROUNDS - PRIMARY TREATMENT	.00	442	.00	3,978	3,978.00-	100.0-	5,305
B807 BLDG AND GROUNDS - SECONDARY TREATMENT	.00	175	3,148.00	7,075	3,927.00-	55.5-	7,622
B809 BLDG AND GROUNDS - SLUDGE DEWATERING	.00	135	19.13	8,405	8,385.87-	99.8-	8,791
B810 BLDG AND GROUNDS - SLUDGE DIGESTION	3,603.00	310	14,936.74	17,530	2,593.26-	14.8-	18,463
B811 BLDG AND GROUNDS - TERTIARY TREATMENT	333.49	440	3,352.67	13,460	10,107.33-	75.1-	14,805
B812 BLDG AND GROUNDS - WWTC GENERAL	818.08	6,600	58,641.17	124,700	66,058.83-	53.0-	144,641
B813 BLDG AND GROUNDS - WWTC UTILITIES	.00	130	986.33	1,170	183.67-	15.7-	
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SECT B TOTALS	46,955.53	101,789	1,352,435.55	1,798,561	446,125.45-	24.8- 2	2,077,050
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SECT C VEHICLES							
C222 GAS/FUEL	1,644.39	1,850	17,193.34	16,650	543.34	3.3	22,000
C225 OPERATION/REPAIR	246.39	667	4,061.19	6,003	1,941.81-	32.4-	8,000
C226 VEHICLE PURCHASES	.00	0	•	·	16,653.00-		·
SECT C TOTALS	1,890.78	2,517	59,101.53	77,153	18,051.47-	23.4-	84,500
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DEPT 12 TOTALS ==					540,522.08- 		

DEPT 13 O & M EXPENSES - LABORATORY

SECT A SALARIES AND WAGES

DATE 02/01/22 MONTH ENDED 01/31/22

FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
A009 OPERATIONS MANAGEMENT	4,961.33	6,572	51,825.96	65,720	13,894.04-	21.1-	82,150
A040 LABORATORY - BUDGET	.00	13,776	.00	137,760	1,208.33-	.9-	172,200
A041 LAB - WWTC	10,910.48	0	109,838.53	0	.00	.0	0
A042 LAB - PRETREATMENT	707.24	0	12,063.08	0	.00	.0	0
A043 LAB - SURCHARGE PROGRAM	2,546.63	0	10,181.37	0	.00	.0	0
A048 LAB - ENERGY RECOVERY	700.28	0	4,468.69	0	.00	.0	0
A085 INCENTIVE	.00	0	400.00	600	200.00-	33.3-	600
A086 VACATION BUYOUT	.00	0	1,933.68	4,600	2,666.32-	58.0-	4,600
SECT A TOTALS	19,825.96	20,348	190,711.31	208,680	17,968.69-	8.6-	259,550
SECT B OPERATIONS AND MAINTENANCE							
B112 COMMUNICATION	148.41	300	1,677.60	2,700	1,022.40-	37.9-	3,500
B114 CHEMICALS	1,730.12	1,875	13,591.64	16,875	3,283.36-	19.5-	22,400
B115 EQUIPMENT/EQUIPMENT REPAIR	.00	4,400	6,114.87	39,800	33,685.13-	84.6-	53,000
B116 SUPPLIES	2,237.69	2,000	13,388.23	18,000	4,611.77-	25.6-	23,000
B117 EMPLOYEE/DUTY COSTS	395.23	450	1,162.86	4,200	3,037.14-	72.3-	5,500
B122 MONITORING EQUIPMENT	.00	0	1,050.26	6,750	5,699.74-	84.4-	9,000
B123 OUTSIDE LAB SERVICES	392.20	2,600	14,124.30	23,600	9,475.70-	40.2-	31,400
SECT B TOTALS	4,903.65	11,625	51,109.76	111,925	60,815.24-	54.3-	147,800
SECT C VEHICLES							
C222 GAS/FUEL	51.92	50	359.59	450	90.41-	20.1-	600
C225 OPERATION/REPAIR	.00	0	41.41	200	158.59-	79.3-	250
SECT C TOTALS =	51.92	50	401.00	650	249.00- =======	38.3-	850
DEPT 13 TOTALS	======================================	32,023	242,222.07	321,255	79,032.93-	24.6-	408,200
= DEPT 14 O & M EXPENSES - SEWER SYSTEM	========	:=======		=======		======	
SECT A SALARIES AND WAGES							
A006 ENGINEERING	56.52	820	3,133.57	8,200	5,066.43-	61.8-	10,250
A050 SEWER MAINTENANCE - BUDGET	.00	16,268	.00	162,680	15,033.15		203,350
A051 SEWER MAINTENANCE	14,117.41	0	163,913.92	0	.00	. 0	0
A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	1,503.25	0	13,799.23	0	.00	.0	0
A060 INSPECTION - BUDGET	.00	19,768	.00	197,680	24,237.95-	12.3-	247,100
A061 INSPECTION - NEW CONSTRUCTION	.00	0	1,228.93	0	.00	.0	0
A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS	6,307.91	0	57,523.99	0	.00	.0	0
A063 INSPECTION - PERMIT INSPECTIONS	609.44	0	8,264.62	0	.00	.0	0
A064 INSPECTION - MISCELLANEOUS	2,327.82	0	28,913.16	0	.00	.0	0
A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES	1,331.49	0	30,510.36	0	.00	.0	0
A066 INSPECTION - CODE ENFORCEMENT	5,062.89	0	47,000.99	0	.00	.0	0
A070 SEWER INVESTIGATIONS - BUDGET	.00	384	.00	3,840	1,857.21-	48.4-	4,800
A072 SEWER INVESTIGATIONS	.00	0	1,982.79	0	.00	.0	0
A085 INCENTIVE	.00	0	1,400.00	1,400	.00	.0	1,400
A086 VACATION BUYOUT	.00	0	.00	10,850	10,850.00-	100.0-	10,850
A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE	12.50	104	212.50	1,040	827.50-	79.6-	1,300
SECT A TOTALS					27,805.94-		

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DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 5 FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	8	BUDGET
		:=======		:========		:======	
SECT B OPERATIONS AND MAINTENANCE							
B112 COMMUNICATION	572.39	950	5,511.08	8,650	3,138.92-	36.3-	11,500
B113 EMERGENCY/SAFETY EQUIPMENT	307.43	375	1,906.08	3,475	1,568.92-	45.2-	4,600
B115 EQUIPMENT/EQUIPMENT REPAIR	38.66	3,100	27,228.32	28,100	871.68-	3.1-	37,400
B116 SUPPLIES	819.82	375	4,881.34	3,375	1,506.34	44.6	4,500
B117 EMPLOYEE/DUTY COSTS	233.57	1,125	3,751.34	10,125	6,373.66-	63.0-	13,500
B124 CONTRACT SERVICES	.00	8,750	79,751.70	78,750	1,001.70	1.3	105,000
B127 JULIE SYSTEM	.00	1,300	7,853.16	11,850	3,996.84-	33.7-	15,750
B128 OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	2,857.00	4,000	5,814.00	31,000	25,186.00-	81.3-	40,000
B129 REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE	.00	1,000	4,313.10	9,000	4,686.90-	52.1-	12,000
B900 SEWER SYSTEM REPAIRS - BUDGET	.00	200,000	.00	2,180,000	798,502.35-	36.6-	2,833,600
B901 SEWER SYSTEM REPAIRS - I/I PROGRAM	3,758.35	0	741,438.45	0	.00	.0	0
B902 SEWER SYSTEM REPAIRS - REPLACEMENT	127.50	0	16,878.83	0	.00	.0	0
B903 SEWER SYSTEM REPAIRS - REHABILITATION	.00	0	4,855.34	0	.00	.0	0
B910 SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	106,081.65	0	520,937.37	0	.00	.0	0
B913 SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R	.00	0	6,592.07	0	.00	.0	0
B929 ARRA LOAN PRINCIPAL REPAYMENT	.00	0	90,795.59	0	.00	.0	0
	========	.=======		:=======		:======	=======
SECT B TOTALS	114,796.37	·	1,522,507.77		841,817.23-		3,077,850
	:========	:=======	:========	:=======		:======	=======
SECT C VEHICLES							
C222 GAS/FUEL	1,017.73	2,167	11,500.25	19,503	8,002.75-	41.0-	26,000
C225 OPERATION/REPAIR	486.67	558	4,893.02	5,022	128.98-	2.6-	6,700
C226 VEHICLE PURCHASES	.00	0	30,794.89	12,500-	43,294.89	346.4-	12,500-
SECT C TOTALS	1,504.40	2,725	47,188.16	12,025	35,163.16	292.4	20,200
=		:=======		========		:======:	
=		:=======				======	=======
DEPT 14 TOTALS	147,630.00		1,927,579.99		834,460.01-		3,577,100
DEPT 15 O & M EXPENSES - LIFT STATIONS							
SECT A SALARIES AND WAGES							
A006 ENGINEERING	295.42	732	4,125.47	7,320	3,194.53-	43.6-	9,150
A009 OPERATIONS MANAGEMENT	102.88	320	1,389.73	3,200	1,810.27-	56.6-	4,000
A030 BUILDING AND GROUNDS	158.58	576	627.50	5,760	5,132.50-	89.1-	7,200
A080 LIFT STATION MAINTENANCE	491.85	5,368	7,450.78	51,941	44,490.22-	85.7-	65,650
SECT A TOTALS	1,048.73	6,996	13,593.48	68,221	54,627.52-		86,000
=				:=======		:======	
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	9,687.16	11,250	84,933.65	101,250	16,316.35-	16.1-	135,000
B104 FUEL - GENERATORS	.00	0	.00	2,625	2,625.00-	100.0-	3,500
B112 COMMUNICATION	372.65	500	3,325.83	5,000	1,674.17-	33.5-	6,500
B113 EMERGENCY/SAFETY EQUIPMENT	.00	0	513.61	1,000	486.39-	48.6-	1,000
B116 SUPPLIES	.00	0	.00	300	300.00-	100.0-	400
B520 EQPT/EQPT REPAIR - BUTTERFIELD	4,754.76	1,100	4,786.70	2,500	2,286.70	91.5	3,047
B521 EQPT/EQPT REPAIR - CENTEX	908.39	225	2,662.44	2,025	637.44	31.5	277,685
B522 EQPT/EQPT REPAIR - COLLEGE	.00	15,180	3,624.68	26,620	22,995.32-	86.4-	27,175
B523 EQPT/EQPT REPAIR - EARLSTON	.00	1,035	256.36	2,315	2,058.64-	88.9-	2,785

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 6

FIIND	0.1	GENERAL	FIIND	

COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
		=======		:=======	=========	=======	
B524 EQPT/EQPT REPAIR - HOBSON	.00	1,775	.00	16,475	16,475.00-	100.0-	17,891
B525 EQPT/EQPT REPAIR - LIBERTY PARK	.00	1,100	1,400.00	3,295	1,895.00-	57.5-	3,527
B526 EQPT/EQPT REPAIR - NORTHWEST	.00	1,700	21,928.17	5,895	16,033.17	272.0	6,152
B527 EQPT/EQPT REPAIR - VENARD	279.79	1,200	2,152.70	3,395	1,242.30-	36.6-	3,660
B528 EQPT/EQPT REPAIR - WROBLE	.00	1,750	341.16	9,445	9,103.84-	96.4-	9,705
B529 EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	.00	8,000	4,987.87	38,700	33,712.13-	87.1-	47,073
B820 BLDG AND GROUNDS - BUTTERFIELD	.00	0	1,487.14	0	1,487.14	. 0	0
B821 BLDG AND GROUNDS - CENTEX	.00	0	1,156.50	0	1,156.50	. 0	0
B823 BLDG AND GROUNDS - EARLSTON	.00	0	1,130.50	15,000	13,869.50-	92.5-	15,000
B824 BLDG AND GROUNDS - HOBSON	.00	0	20,175.09	20,000	175.09	.9	20,000
B825 BLDG AND GROUNDS - LIBERTY PARK	.00	0	1,146.50	0	1,146.50	.0	0
B826 BLDG AND GROUNDS - NORTHWEST	.00	0	42,067.80	81,000	38,932.20-	48.1-	81,000
B827 BLDG AND GROUNDS - VENARD	.00	0	6,531.50	7,500	968.50-	12.9-	7,500
B828 BLDG AND GROUNDS - WROBLE	.00	0	1,170.50	0	1,170.50	.0	0
B829 BLDG AND GROUNDS - LIFT STATIONS GENERAL	.00	2,175	443.20	19,575	19,131.80-	97.7-	26,000
SECT B TOTALS	16,002.75	46,990	206,221.90	363,915	157,693.10-	43.3-	694,600
DEPT 15 TOTALS	17,051.48	53,986	219,815.38	432,136	212,320.62-	49.1-	780,600
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOY							
SECT E INSURANCE AND EMPLOYEE BENEFITS							
E452 LIABILITY/PROPERTY	706.00	0	214,313.88	220,000	5,686.12-	2.6-	220,000
E455 EMPLOYEE GROUP HEALTH	44,382.70	43,600	386,808.18	393,200	6,391.82-		524,000
E460 IMRF	30,464.35	25,360	224,958.87	253,600	28,641.13-	11.3-	317,000
E461 SOCIAL SECURITY	17,104.59	19,360	173,467.24	193,600	20,132.76-	10.4-	242,000
	========			=======		======	=======
SECT E TOTALS	92,657.64 =======	88,320 ======	999,548.17		60,851.83-		.,303,000
DEPT 17 TOTALS	92,657.64	======= 88,320	999,548.17		60,851.83-		.,303,000
DEPT 91 SA EXPENSE		=======		=======		======	
DEPT 91 TOTALS	.00	0	.00	0	.00	()
FUND EXPENSE TOTAL	526,203.46	787,495	6,807,913.85	8,924,783	2,116,869.15-	23.7-11	,301,900
FUND 01 TOTALS	225,175.49-	103,713	1,220,396.33-	1,229,200	2,449,596.33-	199.3- 1	,643,150
·			=========	=======	=========	=======	

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 7

FUND 02 IMPROVEMENT FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05 REVENUES						
3007 INTEREST ON INVESTMENTS 3010 TRUNK SEWER SERVICE CHARGES	57.15- 114,400.00-	7,500-	640.22- 130,885.03-	67,500-	90,000-	
DEPT 05 TOTALS	114,457.15-	•	131,525.25-	69,750-	93,000-	
DEPT 30 CAPITAL EXP - ARRA - LOAN REPAYMENTS			========	=======	=======	
0500 PROJECT BUDGET 0515 PAYMENT ON LOAN PRINCIPAL	.00	0	.00 46,595.52	46,600	93,200	
DEPT 30 TOTALS	.00	0	46,595.52	46,600	93,200	
DEPT 36 CAPITAL EXP - LIBERTY PARK LIFT STAT	CION UPGRADE					
DEPT 36 TOTALS	.00	0	.00	0	0	
DEPT 47 CAPITAL EXP - CENTEX LIFT STATION UP		========	=======		=======	
0502 DESIGN ENGINEERING/ARCHITECTURAL	.00	0	49,461.19	26,000	26,000	
0504 CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI	436.25	20,000 220,000	7,225.89	49,000 900.000	84,000 1,200,000	
DEPT 47 TOTALS		•				
	:=======	•	•	•		
0500 PROJECT BUDGET	.00	0	118.75	500	500	
DEPT 74 TOTALS	.00	0	118.75	500	500	
FUND EXPENSE TOTAL	436.25	240,000	103,401.35	1,022,100	1,403,700	
FUND 02 TOTALS	114,020.90-		28,123.90-			

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 8

FUND 03 CONSTRUCTION FUND

	COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER DES	SCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
	venues			========	=======		=======================================
3007 INTEREST O		68.48- 271,602.00-			1,100- 187,497-		
DEPT 05 TO	TALS	271,670.48-	20,933-	321,355.28-	188,597-	251,400-	
DEPT 30 CA	APITAL EXP - ARRA - LOAN REPAYMENTS						
0500 PROJECT BU	JDGET	.00	0	.00	14,450	28,900	
0515 PAYMENT ON	I LOAN PRINCIPAL	.00	0	14,403.64	0	0	
DEPT 30 TO	TALS	.00	0	14,403.64	14,450	28,900	
DEPT 31 CA	APITAL EXP - WWTC - CHP BIOGAS						
DEPT 31 TO		.00	0	.00	0	0	=======================================
DEPT 32 CA	= APITAL EXP - WWTC - SECOND TURBOBLO		=======	========	=======		=======================================
DEPT 32 TO		.00	0	.00	0	0	
DEPT 33 CA	= APITAL EXP - WWTC - DIGESTER MIXING		=======	========	========		=======================================
DEPT 33 TO		.00		.00	0	.======= 0	
			========			.=======	
DEPT 34 CA	APITAL EXP - WWTC - GREASE WASTE DE						
DEPT 34 TO		.00	0	.00	0	0	=======================================
DEPT 35 CA	= APITAL EXP - WWTC - CHP BIOGAS PHAS		=======	========			
	-		========	========	=======		===========
DEPT 35 TO		.00	0	.00	0	0	
DEPT 37 CA	PITAL EXP - WWTC - GREASE RECEIVIN						=======================================
DEPT 37 TO		.00	0	.00		0	
DEPT 38 CA	= APITAL EXP - WWTC - PROPERTY ACQUIS		=======	========	=======		
DEPT 38 TO	TALS	.00	0	.00	0	0	
DEPT 39 CA	= APITAL EXP - WWTC - GRIT BLOWER REF		=======	========			=======================================

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 9

FUND 03 CONSTRUCTION FUND

		ACTUAL	BUDGET				
	COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
========			========		=======	=======	
		==========	========		=======	=======	
DEPT 3	9 TOTALS	.00	0	.00	0	0	
		==========	========		=======	=======	
DEPT 40	CAPITAL EXP - WWTC - LOAN REPAYMENT	?					
		=========	:========	=========	:=======	========	=======================================
DEPT 4	0 TOTALS	.00	0	.00	0	0	
			:=======	=========	:=======	=======	
FUND E	EXPENSE TOTAL	.00	0	14,403.64	14,450	28,900	
		==========	:========	=========	=======	=======	
FUND 0	3 TOTALS	271,670.48-	20,933-	306,951.64-	174,147-	222,500-	

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 10 FUND 05 PUBLIC BENEFIT FUND

FUND 05 TOTALS

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL Y-T-DY-T-D BUDGET NUMBER DESCRIPTION MONTH MONTH ------.00 30- 13.19- 270-3007 INTEREST ON INVESTMENTS 350-DEPT 05 TOTALS .00 30-13.19-270-350-______ DEPT 59 CAPITAL EXP - SEWER - SEWER EXTENSIONS ______ .00 0 .00 0 DEPT 59 TOTALS ______ DEPT 65 CAPITAL EXP - SEWER - REIMB FOR ADDED DEPTH ______ DEPT 65 TOTALS .00 0 .00 0 ______ FUND EXPENSE TOTAL 0 .00 0 0 ______

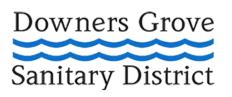
30- 13.19- 270- 350-

DATE 02/01/22 MONTH ENDED 01/31/22 PAGE 11

FUND 71 SEWER EXTENSIONS ESCROW

		ACTUAL	BUDGET				
	COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
========					=======	=======	
DEPT 05	REVENUES						
3007 INTERE	ST ON INVESTMENTS	.00	0	2.61-	0	0	
		=========			:=======	=======	=======================================
DEPT 0	5 TOTALS	.00	0	2.61-	0	0	
		=========			:=======		
DEPT 92	SEWER EXPENSE						
		=========		=========	:=======	=======	=======================================
DEPT 9	2 TOTALS	.00	0	.00	0	0	
		===========					
FUND E	XPENSE TOTAL	.00	0	.00	0	0	
FIIND 7	1 TOTALS	.00	 0	2.61-	0	 0	
I OND 7	1 10111110	.00	· ·	2.01	· ·	o o	

Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Paul W. Coultrap
Clerk



General Manager Amy R. Underwood

Legal Counsel Michael G. Philipp

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

January 18, 2022

Illinois Environmental Protection Agency Division of Water Pollution Control Compliance Assurance Section Wastewater Compliance Monitoring Unit BOW #19 P.O. Box 19276 Springfield, Illinois 62794-9276

RE: Fiscal Report Form NPDES Permit No. IL0028380

To Whom It Concerns:

Enclosed please find the Downers Grove Sanitary District Fiscal Report Form for NPDES Permittees for fiscal year ending April 30, 2021.

Please contact me if you have any questions.

Sincerely,

DOWNERS GROVE SANITARY DISTRICT

Amy R. Underwood, P.E.

General Manager

Enclosure



Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

IEPA - Division of Water Pollution Control Compliance Assurance Section #19

Fiscal Report Form For NPDES Permittees

Please read instructions and return by January 31st.

3.	Fiscal year report period:	From	05	2020	То	04	2021		
٠.	r local your report period.	- 10	Month	Year	-	Month	Year		
4.	User Rate Class	No. o Billed	f Custom At:		nnual Ch lled At:	narges		l Charges ted At:	
	Residential Rates	19	9,157						
	Non-Residential Rates (Industrial/Commercial)	1	,012						_
	Totals	_20	0,169	:	\$8,012,7	717.42	\$7,90	01,516.79	_
5.	Current residential popular	tion serve	d:6	5,000	People	•			
6.	Date user rate adopted:	03 Month	2021 Year	_	ng: Mont	th l y 🔲 Bi-Mon	Quarterly thly	Other [Z
	Base Rate \$17	_ Per Firs	st0	Ga	llons or		cu.ft., the	n \$1.95	per
	(Check one)	gallons o	r 🗌 1	100 cu. ft.					
7.		_	_		ıser chaı	rge for 6,	000 gallons (o	or 800 cu.ft.)	usage.
7.	(Check one) 1,000 g Using the user rate, calcul Household user charge:	ate the m	onthly ho	usehold u			000 gallons (o (or 800 cu.ft.)		usage.
	Using the user rate, calcul	ate the m	onthly ho	usehold u	at 6,000		(or 800 cu.ft.)		usage.
	Using the user rate, calcul Household user charge: \$ Annual Revenues	ate the m	onthly ho	usehold u	at 6,000 <u>Annua</u>	gallons ((or 800 cu.ft.)	usage.	usage.
	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8,	ate the mo	onthly ho	usehold u er month	at 6,000 <u>Annua</u> Maintena	gallons (al Expend ance:	(or 800 cu.ft.)	usage.	usage.
	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1,	ate the me 3 28.7 090,823.0	onthly ho	usehold u er month Oper. & l	at 6,000 <u>Annua</u> Maintena tirement	gallons (al Expend ance: _ t:	(or 800 cu.ft.) litures \$9,236,973.0	usage.	usage.
7. 8.	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest:	ate the mo 28.7 090,823.0 278,194.0	00 00	usehold u er month Oper. & I Debt. Re	at 6,000 <u>Annua</u> Maintena tirement	gallons (al Expend ance: _ t:	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0	usage.	usage.
	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest: Other: \$	ate the most 28.7 090,823.0 278,194.0 \$31,051.0	00 00 00 00	usehold u er month Oper. & I Debt. Re Capital Ir	at 6,000 <u>Annua</u> Maintena tirement	gallons (al Expend ance: _ t:	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0	usage. 00	usage.
8.	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest: Other: \$	ate the me 28.7 090,823.0 278,194.0 \$31,051.0 490,899.0 890,967.0	00 00 00 00 00 00 or use, in v	Oper. & I Debt. Re Capital In Other: Total:	at 6,000 Annua Maintena tirement mproven	gallons (al Expendence: t: nents: wwastewar	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0 \$40,246.0 \$9,580,808.0	00 00 00 00	
8.	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest: Other: \$ Total: \$9, What account funds are average.	28.7 090,823.0 278,194.0 \$31,051.0 490,899.0 890,967.0 vailable fo	00 00 00 00 00 00 or use, in v	oper. & I Debt. Re Capital Ir Other: Total: whole or p	at 6,000 Annua Maintena tirement mproven	gallons (al Expendence: t: nents: wastewar	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0 \$40,246.0 \$9,580,808.0	usage. 00 00 00 00 00 and/or colle	
8.	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest: Other: \$9, What account funds are avenues Enter the ending balances	ate the most 28.7 090,823.0 278,194.0 \$31,051.0 490,899.0 890,967.0 vailable for of those secement	onthly hold on the property of	oper. & I Debt. Re Capital In Other: Total: whole or p in particu	at 6,000 Annua Maintena tirement mproven part, for a	gallons (al Expendence: t: nents: wastewar	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0 \$40,246.0 \$9,580,808.0 ter treatment anent others.	usage. 00 00 00 00 and/or colle	ction?
8.	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest: Other: \$ Total: \$9, What account funds are avenues Enter the ending balances Account: Repair/Replan	28.7 090,823.0 278,194.0 \$31,051.0 490,899.0 vailable for of those s	onthly hor	oper. & l Debt. Re Capital Ir Other: Total: whole or p in particu	at 6,000 Annua Maintena tirement mproven part, for a	gallons (al Expender ance: t: nents: wastewar any pertination	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0 \$40,246.0 \$9,580,808.0 ter treatment anent others. Account:	usage. 00 00 00 00 and/or colle	ction? I Revenue
8.	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest: Other: \$ Total: \$9, What account funds are avenues Enter the ending balances Account: Repair/Replat Balance: \$6,281,7	28.7 090,823.0 278,194.0 \$31,051.0 490,899.0 890,967.0 vailable for of those sement 65.00 vement	onthly hor	oper. & I Debt. Re Capital In Other: Total: whole or p in particulate:	at 6,000 Annua Maintenatirement mproven part, for a lar, and Deprecia	gallons (al Expender ance: t: nents: wastewar any pertination	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0 \$40,246.0 \$9,580,808.0 ter treatment anent others. Account: Balance:	usage. 00 00 00 and/or colle	ction? I Revenue 37,805.00
9.	Using the user rate, calcul Household user charge: \$ Annual Revenues User Charges: \$8, Taxes: \$1, Interest: Other: \$ Total: \$9, What account funds are avenues Enter the ending balances Account: Repair/Replaid Balance: \$6,281,7 Account: Capital Impro	28.7 090,823.0 278,194.0 \$31,051.0 490,899.0 vailable for of those sement 65.00 vement 88.00	onthly horogeness of the court	usehold user month Oper. & I Debt. Re Capital In Other: Total: whole or p in particulate: ee:	Annua Annua Maintena tirement mproven part, for lar, and Deprecia	gallons (al Expendence: t: nents: wastewar any pertination	(or 800 cu.ft.) litures \$9,236,973.0 \$303,589.0 \$40,246.0 \$9,580,808.0 ter treatment anent others. Account: Balance: Account: Balance:	usage. 00 00 00 and/or colle	ction? I Revenue 37,805.00

12. Estimate the number of years before the next major construct	uon project is initiated years
13. Signature: My Mund Title: General Manager	Date: Jan 18, 2022 Telephone: 630-969-0664
Any person who knowingly makes a false, fictitious, or fraudulent of Illinois EPA commits a Class 4 felony. A second or subsequent of (415 ILCS 5/44(h))	
Comments	

Amy Underwood

To: Brian Johnson

Subject: IAWA Charleston Class Action Settlement

Attachments: Federal Order Granting Final Approval of Wipes Settlement.pdf

FYI below from Amanda Waters:

Notice of Final Approval of Charleston Flushable Wipes Settlement

To the wastewater/governmental associations listed at bottom:

Please be advised that the federal district court in Charleston, South Carolina, has granted final approval to the <u>Class Action Settlement</u> between Plaintiff Charleston Water System ("CWS") and Defendant Kimberly-Clark Corporation ("KC"). We want to thank you for previously disseminating information about the proposed settlement to your associations/members.

The approved settlement imposes the following commitments/obligations on KC regarding its flushable and non-flushable wipe products manufactured in the US:

- (1) KC's flushable wipes will comply with specific testing criteria, including implementing manufacturing improvements to ensure that the Product meets the IWSFG 2020: "PAS 3" flushability specifications by May 1, 2022, and ensuring that the Product currently meets all other IWSFG 2020 specifications and a modified PAS 3 specification of an average pass-through percentage of at least 70% after 30 minutes of testing, with all other parameters remaining the same.
- (2) KC will perform certain testing implementation and monitoring, including two years of confirmatory testing to verify that the Product continues to meet the IWSFG 2020 specifications after May 2, 2022, either by: (a) hosting periodic independent testing of the Product; or (b) submitting the Product to a mutually acceptable lab for independent testing beginning May 1, 2022.
- (3) KC will make labeling changes to both flushable and non-flushable products.
 - a. For flushable products, upon verification that the Product meets IWSFG 2020 specifications (including PAS 3), KC will modify the packaging and websites to add language specifying the bases or sources for the "flushable" claim that appears on its labeling, including that the Product complies with IWSFG 2020 and INDA GD4 guidelines.
 - b. For non-flushable labeling, KC will add prominent language or illustration on its non-flushable wipes products (e.g., baby wipes) identifying the non-flushable products as "non-flushable" or instructing users not to flush the non- flushable products (e.g., "Do Not Flush"), and will meet the "do not flush" labeling standards set forth in Section 3 of House Bill 2565 of Washington State, enacted March 26, 2020 ("HB2565"). KC also agreed that it would exceed the standards of HB2565 insofar as it will include "do not flush" symbols or warnings on not only the principal display panel, but also at least two additional panels of packaging for "non-flushable" wipes products, and will include certain high contrast coloring to its "Do Not Flush" symbol. Significantly, the Washington State labeling legislation is substantively identical to similar legislation in California, Oregon, and Illinois.

(4) Beyond product improvements and labeling enhancements, KC has agreed to work with Plaintiff to instruct consumers not to flush non-flushable wipes and to conduct outreach to help educate consumers about which wipes are truly flushable, including promoting its compliance with IWSFG 2020: PAS 3.

We expect these measures to significantly reduce collection system impacts from KC's products, and eventually other manufacturers' products, given that this settlement will set a precedent/standard for the rest of the industry. The settlement does not affect any of your members' potential individual claims against wipe manufacturers for damages or other monetary relief due to wipes-related blockages. POTWs nationwide have no obligations whatsoever under this settlement.

CWS is continuing to vigorously litigate its claims against the remaining wipes manufacturers and retailers named in the litigation and will provide periodic updates on the litigation as well as notice of any future settlements.

If you or any of your members have any questions, please feel free to contact me.

Sincerely,

Amanda Waters Attorney AquaLaw (804) 716-9021 x209 Cell: (202)-870-0427 www.AquaLaw.com

National Associations

- Water Environment Federation
- National Association of Clean Water Agencies
- National Rural Water Association
- National Association of Counties
- National League of Cities
- American Public Works Association
- US Water Alliance

State/Regional POTW Wastewater Associations

- California Association of Sanitation Agencies
- Illinois Association of Wastewater Agencies
- Maine Water Environment Association
- Maryland Association of Municipal Wastewater Agencies
- Massachusetts Coalition for Water Resources Stewardship
- Association of Missouri Cleanwater Agencies
- New England Water Environment Association
- North Carolina Water Quality Association
- New Jersey Association of Environmental Authorities
- Association of Ohio Metropolitan Wastewater Agencies
- Oregon Association of Water Utilities
- Pennsylvania Municipal Authorities Association
- South Carolina Water Quality Association
- Texas Association of Clean Water Agencies
- Virginia Association of Municipal Wastewater Agencies
- West Virginia Municipal Water Quality Association
- Wisconsin Wastewater Operator's Association

IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF SOUTH CAROLINA CHARLESTON DIVISION

Commissioners of Public Works of the City of Charleston (d.b.a. Charleston Water System), Individually and on Behalf of All Others Similarly Situated,

Plaintiff,

v.

Costco Wholesale Corporation, CVS Health Corporation, Kimberly-Clark Corporation, The Proctor & Gamble Company, Target Corporation, Walgreen Co., and Wal-Mart, Inc.,

Defendants.

Civil Action No. 2:21-cv-42-RMG

ORDER AND OPINION

Before the Court is Plaintiff's motion for final approval of class action settlement and award of attorneys' fees and expenses. (Dkt. No. 123). For the reasons set forth below, the Court grants Plaintiff's motion.

Background

In this putative class action, Plaintiff the Commissioners of Public Works of the City of Charleston (d.b.a. "Charleston Water System") ("Plaintiff"), on behalf of itself and all others similarly situated, alleges that Defendants Costco Wholesale Corporation ("Costco"), CVS Health Corporation ("CVS"), Kimberly-Clark Corporation ("Kimberly-Clark"), The Proctor & Gamble Company ("P&G"), Target Corporation ("Target"), Walgreen Co. ("Walgreens"), and Wal-Mart, Inc. ("Wal-Mart") design, market, manufacture, distribute, and/or sell wipes labeled as "flushable" which are not actually flushable. These wipes allegedly damage sewer systems across the country. Plaintiff brings claims for nuisance, trespass, strict products liability—defective design, strict products liability—failure to warn, and negligence. Plaintiff's original and Amended Complaint

seek—in addition to reasonable attorney's fees and costs for class counsel—prospective injunctive relief only. (Dkt. Nos. 1, 85).

On April 26, 2021, Plaintiff moved for preliminary approval of a settlement reached between itself and Kimberly-Clark (the "Parties"). (Dkt. No. 59). Attached to the motion was a full copy of the Parties' Stipulation of Settlement (the "Settlement Agreement"). (Dkt. No. 59-2). At the time Plaintiff filed its motion for settlement approval, Plaintiff's original complaint, (Dkt. No. 1), was its operative pleading.

On June 10, 2021, Kimberly-Clark filed a declaration asserting it had complied with the notice requirements of the Class Action Fairness Act of 2005, 28 U.S.C. § 1715. (Dkt. No. 77).

On July 15, 2021, in response to two letters received by the Court from putative class members, (Dkt. Nos. 80, 81), the Parties agreed to amend the Settlement Agreement's definition of "Plaintiff's Released Claims" to:

"Plaintiff's Released Claims" means any and all claims of Plaintiff and the Settlement Class Members for injunctive relief that arise from or relate to the claims and allegations in the Complaint, including Unknown Claims, and the acts, facts, omissions, or circumstances that were or could have been alleged by Plaintiff in the Action, including but not limited to all claims for injunctive relief related to any wipe products (flushable and non-flushable) currently or formerly manufactured, marketed, or sold by Kimberly-Clark or any of its affiliates. For the avoidance of doubt, "Plaintiff's Released Claims" do not include claims for damages or other monetary relief, including claims for monetary relief under the law of nuisance.

(Dkt. Nos. 82, 83). The amendment was intended to dispel concerns raised by the Mayor and City Council of Baltimore and Anne Arundel County that the Settlement Agreement released monetary claims against Kimberly-Clark. *See, e.g.*, (Dkt. No. 82 at 2).

On August 12, 2021, Plaintiff filed its Amended Complaint. (Dkt. No. 85).

The Court Preliminarily Approves the Settlement Agreement

On August 25 and September 9, 2021, the Court held proceedings on Plaintiff's motion for

preliminary approval of class action settlement. During these proceedings, the Parties agreed to supplement the notice procedures delineated in the Settlement Agreement, (Dkt. No. 59-2 § 7), to provide direct, mailed notice to potential Settlement Class Members—specifically 17,297 publicly owned sewage treatment plant operators located in the United States as of August 27, 2021. The Parties also agreed to publish Summary Notice of one-half page in size once in both the print and online editions of the Water Environment Federation's magazine *Water Environment & Technology*. The Parties filed a copy of the proposed postcard notice. (Dkt. No. 97). The Parties also provided a hard copy of the notice for the Court's inspection.

On October 4, 2021, the Court granted Plaintiff's motion for preliminary settlement approval. (Dkt. No. 98).

The Court subsequently issued an order regarding the timeline for proposed settlement. (Dkt. No. 110). The Court set forth October 25, 2021, as the deadline for publication of the Notice of Settlement via press release, U.S. mail, email, and website, and further ordered that Notice of Settlement be published in the November edition of *Water Environment & Technology*. (*Id.* at 1). The Court further ordered that Class Counsel file for final approval of the Settlement Agreement and Class Counsel's application for fees and expenses by December 29, 2021. (*Id.* at 2); *see also* (*id.*) (setting December 29, 2021, as the deadline for filing objections and January 12, 2022, as the deadline for filing reply papers to any objections). A fairness hearing was set for January 24, 2022.

On December 13, 2021, Plaintiff moved for final approval of class action settlement and an award of attorneys' fees and expenses. (Dkt. No. 123).

On January 24, 2022, the Court conducted a hearing for final approval of settlement and an award of attorneys' fees and expenses via teleconference. Both Plaintiff and Kimberly-Clark were present and represented by counsel.

Analysis

When a district court preliminarily approves a settlement after a hearing, the proposed settlement enjoys a presumption of fairness. *See Berkley v. U.S.*, 59 Fed. Cl. 675, 681 (2004) ("Settlement proposals enjoy a presumption of fairness afforded by a court's preliminary fairness determination."); *In re Gen. Motors Corp. Pick—Up Truck Fuel Tank Products Liab. Litig.*, 55 F.3d 768, 785 (3d Cir. 1995) ("This preliminary determination establishes an initial presumption of fairness...."); *Martin v. Cargill, Inc.*, 295 F.R.D. 380, 383 (D. Minn. 2013) (accord); *In re Tableware Antitrust Litig.*, 484 F.Supp.2d 1078, 1079 (N.D. Cal. 2007) (accord); *Gaston v. LexisNexis Risk Sols. Inc.*, No. 516CV00009KDBDCK, 2021 WL 2077812, at *1 (W.D.N.C. May 24, 2021) (accord).

1. Certification of Settlement Class

A settlement class pursuant to Fed. R. Civ. P. 23(b)(2) is hereby certified. The "Settlement Class" is composed of "All STP Operators in the United States whose systems were in operation between January 6, 2018 and the date of preliminary approval [October 4, 2021]." (Dkt. No. 59-2 ¶ 1.23). An "STP Operator" is an entity that "owns and/or operates sewage or wastewater conveyance and treatment systems, including municipalities, authorities, and wastewater districts." (*Id.* at 2).

Further, the Court finds that the Settlement Class satisfies the requirements for class certification under Federal Rule of Civil Procedure 23. The requirements that must be met under Rule 23(a) are (1) numerosity, (2) commonality, (3) typicality, and (4) adequacy of representation. In addition, the parties must satisfy one of the subsections of Rule 23(b) for their proposed classes.

The Court confirms its prior holding that the Rule 23(b)(2) Settlement Class satisfies the numerosity requirement of Rule 23(a)(1) as the number of STP Operators in the United States

exceeds, at least, 17,000. *See, e.g., Cypress v. Newport News Gen. and Non-Sectarian Hosp. Ass'n*, 375 F.2d 648, 653 (4th Cir. 1967) (stating that a class of 18 members met numerosity requirement).

The Court further confirms its prior holding that the commonality requirement of Rule 23(a)(2) is met. The commonality requirement – at least as it relates to a settlement class – is "not usually a contentious one: the requirement is generally satisfied by the existence of a single issue of law or fact that is common across all class members and thus is easily met in most cases." Conte, 1 NEWBERG ON CLASS ACTIONS 5th § 3:18; *see also Tatum v. R.J. Reynolds Tobacco Co.*, 254 F.R.D. 59, 64 (M.D.N.C. 2008) (noting that "[t]he commonality requirement is relatively easy to satisfy") (quoting *Buchanan v. Consol. Stores Corp.*, 217 F.R.D. 178, 187 (D. Md. 2003)). As noted by prior order, the Parties have enumerated various common questions which show the requirement is met. *See* (Dkt. No. 98 at 5-6).

The Court also confirms its prior holding that the typicality requirement of Rule 23(a)(3) is met. Typicality requires the class representatives' claims to be "typical of the claims or defenses of the class." Fed. R. Civ. P. 23(a)(3). Typicality is satisfied if the plaintiff's claim is not "so different from the claims of absent class members that their claims will not be advanced by plaintiff's proof of his own individual claim. That is not to say that typicality requires that the plaintiff's claim and the claims of class members be perfectly identical or perfectly aligned." *Deiter v. Microsoft Corp.*, 436 F.3d 461, 466–67 (4th Cir. 2006). Here, there is a sufficient link between Plaintiff's claims and those of absent class members. Like absent class members, Plaintiff is a STP Operator which has allegedly suffered damages caused by flushable wipes. *See* (Dkt. No. 85 at 24-36) (describing similar alleged harms suffered by STP Operators outside of South Carolina). In sum, Plaintiff and the Settlement Class Members' claims arise out of the same alleged course of conduct by Kimberly-Clark and are based on identical legal theories.

Further, the Court confirms its prior holding that Plaintiff and their counsel are adequate representatives of the Settlement Class. In reaching this determination, the Court has considered whether Plaintiff will fairly and adequately protect the interests of the class. *Knight v. Lavine*, No. 1:12-CV-611, 2013 WL 427880 at *3, 2013 U.S. Dist. LEXIS 14855 at *9 (E.D. Va. Feb. 4, 2013).

First, the Court confirms the finding that Plaintiff has no interests antagonistic to the interest of other members of the Settlement Class. Moreover, the Settlement Agreement preserves the right of class members to seek monetary damages and non-injunctive relief against Kimberly-Clark.

Second, the Court confirms its finding that proposed Class Counsel are competent to undertake this litigation. Class Counsel have extensive experience in class actions and in actions of a similar nature. Further, Class Counsel have demonstrated vigorous prosecution of the class claims throughout this litigation. Accordingly, the Court is satisfied that Plaintiff and Class Counsel are adequate representatives of the settlement under Rule 23(a)(4).

The Court further confirms its finding that as to the Settlement Class, Kimberly-Clark has acted on grounds generally applicable to the class as a whole. Here, the Settlement Agreement treats all settlement class members equally in granting them the benefits of injunctive relief. *See Wal-Mart Stores, Inc. v. Dukes*, 564 U.S. 338, 131 S. Ct. 2541, 2557, 180 L.Ed.2d 374 (2011) ("The key to the (b)(2) class is the indivisible nature of the injunctive or declaratory remedy warranted—the notion that the conduct is such that it can be enjoined or declared unlawful only as to all of the class members or as to none of them.") (citation omitted); *see also Berry v. LexisNexis Risk & Info. Analytics Grp., Inc.*, No. 3:11-CV-754, 2014 U.S. Dist. LEXIS 124415 at *34 (E.D. Va. Sept. 5, 2014), affirmed by *Berry v. Schulman*, 807 F.3d 600 (4th Cir. 2015) ("The Court finds that certification of the Rule 23(b)(2) class in this case is appropriate because the injunctive relief

sought is indivisible and applicable to all members of the Rule 23(b)(2) class.") (citation and internal quotation marks omitted). The proposed class action settlement thus satisfies the elements of Rule 23(b)(2).

Accordingly, the Court hereby certifies a settlement class as follows:

Settlement Class: All STP Operators in the United States whose systems were in operation between January 6, 2018 and October 4, 2021.

Excluded from the Settlement Class are counsel of record (and their respective law firms) for any of the Parties, employees of Kimberly-Clark, and any judge presiding over this action and their staff, and all members of their immediate families.

2. Appointment of Class Counsel and Class Representative

Having certified the class under Rule 23(b)(2), and having considered the work Plaintiff's counsel has done in identifying and investigating potential claims in this action, counsel's experience in handling complex litigation, counsel's knowledge of the applicable law, and the resources counsel have committed to representing the Settlement Class, the following attorneys are designated Class Counsel under Rule 23(g)(1):

- Frank Paul Calamita, III of Aqua Law PLC; and
- Vincent M. Serra of Robbins Geller Rudman and Dowd LLP.

Plaintiff is appointed Class Representative.

3. Final Approval of Proposed Settlement

Under Rule 23(e)(1) the Court will approve a class action settlement if it is "fair, reasonable, and adequate." Fed. R. Civ. P. 23(e)(1). At the preliminary approval stage, the Court made a determination as to the fairness, reasonableness, and adequacy of the settlement terms. Fed. R. Civ. P. 23(e)(2); *see also* Manual for Complex Litigation (Fourth) ("MCL"), § 21.632 (4th ed. 2004). The Fourth Circuit has bifurcated this analysis into consideration of the fairness of

settlement negotiations and the adequacy of the consideration to the class. *In re Jiffy Lube Secs*. *Litig.*, 927 F.2d 155, 158–59 (4th Cir. 1991). At the preliminary approval stage, the Court found that the settlement was within "the range of possible approval." *Scott v. Family Dollar Stores, Inc.*, No. 3:08-cv-00540-MOC-DSC, 2018 U.S. Dist. LEXIS 41908, at *10 (W.D.N.C. Mar. 14, 2018); *Horton v. Merrill Lynch, Pierce, Fenner & Smith*, 855 F. Supp. 825, 827 (E.D.N.C. 1994) (citing *In Re Mid-Atlantic Toyota Antitrust Litigation*, 564 F. Supp. 1379, 1384 (D. Md. 1983)).

The Fourth Circuit has set forth the factors to be used in analyzing a class settlement for fairness: (1) the posture of the case at the time the proposed settlement was reached, (2) the extent of discovery that had been conducted, (3) the circumstances surrounding the settlement negotiations, and (4) counsel's experience in the type of case at issue. *Jiffy Lube*, 927 F.2d at 158–59.

The Court finds that the settlement reached in this case was the result of a fair process. Although negotiated early in the life of this litigation, as outlined in Plaintiff's motion, the proposed settlement was the result of extensive prior communication between the Parties. Namely, in late 2019, Class Counsel informed Kimberly-Clark's counsel that it "was preparing to file a putative class action in federal court on behalf of a nationwide class of STP Operators" (the "Proposed Action"). (Dkt. No. 123-1 at 9-11). These discussions "picked up" on earlier discussions between Class Counsel and Kimberly-Clark which began in *The Preserve at Connetquot Homeowners Association, Inc. v. Costco Wholesale Corporation, et al.*, 2:17-cv-JFB-AYS (E.D.N.Y.). Like the instant action, in *Connetquot* counsel for Plaintiff represented an STP Operator bringing similar claims against "the same Defendants here." (Dkt. No. 59 at 11) (noting that Plaintiff's counsel's consultants in *Connetquot* "received testing data from, and conducted testing in coordination, with Kimberly-Clark in December 2018 in connection with settlement

discussions"). Further, in April 2020, counsel for Plaintiff and Kimberly-Clark discussed resolving Plaintiff's Proposed Action as part of an anticipated mediation in another separate, but related case *Kurtz v. Kimberly-Clark Corporation, et al.*, No. 1:14-cv-01142-PKC-RML (E.D.N.Y.), a certified consumer class action on behalf of New York purchasers of Kimberly-Clark and Costco's flushable wipes. (*Id.*). Plaintiff states that on July 15, 2020, in connection with the mediation, Plaintiff provided Kimberly-Clark a formal proposal to resolve the Proposed Action, but that the parties did not reach an agreement at that time. (*Id.*). After the original complaint in this action was filed in January 2021, Plaintiff states the Parties continued to engage in arm-length's settlement discussions which, over the course of the next roughly 3-4 months, led to the Settlement Agreement. (*Id.* at 12); (Dkt. No. 123-1 at 11-12).

Therefore, while the Settlement Agreement was negotiated before formal discovery was conducted, the Court finds that the Parties' history of litigating similar, if not identical issues, combined with Plaintiff's counsel's extensive experience of the same, indicate the settlement was negotiated at arm's length. *See In re Lupron Marketing and Sales Practices Litigation*, 228 F.R.D. 75, 94, R.I.C.O. Bus. Disp. Guide (CCH) P 10888 (D. Mass. 2005) ("The storm warnings indicative of collusion are a 'lack of significant discovery and [an] extremely expedited settlement of questionable value accompanied by an enormous legal fee.'") (quoting *In re General Motors Corp. Pick-Up Truck Fuel Tank Products Liability Litigation*, 55 F.3d 768, 801, 31 Fed. R. Serv. 3d 845 (3d Cir. 1995)).

The Settlement Agreement provides for injunctive relief including "(1) enhanced Product¹ performance; (2) confirmatory Product performance testing; (3) Product labeling improvements;

¹ The Settlement Agreement defines "Product" as "Kimberly-Clark's Cottonnelle-branded flushable wipes manufactured in the United States, including any FreshCare or GentlePlusbranded Cottonelle flushable wipes." (Dkt. No. 59-2 ¶ 1.19).

and (4) public outreach about flushable and non-flushable wipes." (Dkt. No. 59-1 at 13); (59-2 at 8-14); (Dkt. No. 123-1 at 12-14). The proposed relief consists of:

[I]njunctive relief in response to Plaintiff's claims, including: (1) enhanced Product performance; (2) confirmatory Product performance testing; (3) Product labeling improvements; and (4) public outreach about flushable and non-flushable wipes.

First, Kimberly-Clark has agreed that its Product will comply with specific testing criteria, including implementing manufacturing improvements to ensure that the Product meets the IWSFG 2020: "PAS 3" flushability specifications by May 1, 2022, and ensuring that the Product currently meets all other IWSFG 2020 specifications and a modified PAS 3 specification of an average pass-through percentage of at least 70% after 30 minutes of testing, with all other parameters remaining the same. Settlement Agreement at ¶2.1(a).

Second, Kimberly-Clark has agreed to certain testing implementation and monitoring, including two years of confirmatory testing to verify that the Product continues to meet the IWSFG 2020 specifications after May 2, 2022, either by: (1) hosting periodic independent testing of the Product; or (2) submitting the Product to a mutually acceptable lab for independent testing beginning May 1, 2022. Settlement Agreement at ¶2.1(b).

Third, Kimberly-Clark has agreed to labeling changes for both flushable and non-flushable products. For flushable products (i.e., the Product), upon verification that the Product meets IWSFG 2020 specifications (including PAS 3), Kimberly-Clark will modify the packaging and websites for the Product to add language specifying the bases or sources for the "flushable" claim that appears on its labeling, including that the Product complies with IWSFG 2020 and INDA GD4 guidelines. Settlement Agreement at ¶2.1(c)(i).

For non-flushable labeling, Kimberly-Clark will add prominent language or illustration on its non-flushable wipes products (e.g., baby wipes) identifying the non-flushable products as "nonflushable" or instructing users not to flush the non-flushable products (e.g., "Do Not Flush"), and will meet the "do not flush" labeling standards set forth in Section 3 of House Bill 2565 of Washington State, enacted March 26, 2020 ("HB2565"). Id. at ¶2.1(c)(ii). Kimberly-Clark also agreed that it would exceed the standards of HB2565 insofar as it will include "do not flush" symbols or warnings on not only the principal display panel, but also at least two additional panels of packaging for "non-flushable" wipes products, and will include certain high contrast coloring to its "Do Not Flush" symbol. *Id.* Significantly, the Washington State labeling legislation is substantively identical to similar legislation in California, Oregon, and Illinois.

Fourth, beyond product improvements and labeling enhancements, Kimberly-Clark has agreed to work with Plaintiff to instruct consumers not to flush non-flushable

wipes and to conduct outreach to help educate consumers about which wipes are truly flushable, including promoting its compliance with IWSFG 2020: PAS 3. *Id.* at ¶2.1(b)(i)-(iii).

(Dkt. No. 123-1 at 12-14).

The Court finds that the Settlement Agreement is clearly adequate. *See Toyota Antitrust Litigation*, 564 F. Supp. at 1384. In an analysis of the adequacy of a proposed settlement, the relevant factors to be considered may include: (1) the relative strength of the case on the merits, (2) any difficulties of proof or strong defenses the plaintiff and class would likely encounter if the case were to go to trial, (3) the expected duration and expense of additional litigation, (4) the solvency of the defendants and the probability of recovery on a litigated judgment, (5) the degree of opposition to the proposed settlement, (6) the posture of the case at the time settlement was proposed, (7) the extent of discovery that had been conducted, (8) the circumstances surrounding the negotiations, and (9) the experience of counsel in the substantive area and class action litigation. *See Jiffy Lube*, 927 F.2d at 159; *West v. Cont'l Auto., Inc.*, No. 3:16-cv-00502, 2018 WL 1146642 at *4, 2018 U.S. Dist. LEXIS 26404 at *10 (W.D.N.C. Feb. 5, 2018).

In this action, all Defendants besides Kimberly-Clark have vigorously disputed Plaintiff's claims. See Order and Opinion, (Dkt. No. 121) (denying motion to dismiss Amended Complaint under the doctrine of primary jurisdiction); Order and Opinion, (Dkt. No. 122) (denying motion to dismiss Amended Complaint in its entirety under Fed. R. Civ. P. 12(b)(6)). Plaintiff admits that if Kimberly-Clark had not reached a settlement with Plaintiff, Kimberly-Clark would likely have engaged in similar motion practice. Plaintiff further admits the difficulty in bringing actions such as the instant one, (Dkt. No. 123-1 at 20-21); (Dkt. No. 59-1 at 19-20), and notes that one of Plaintiff's counsel's prior actions against Kimberly-Clark resulted in a dismissal due to a lack of standing, see Preserve at Connetquot Homeowners Ass'n, Inc. v. Costco Wholesale Corp., No.

17CV7050JFBAYS, 2019 WL 337093, at *1 (E.D.N.Y. Jan. 28, 2019). *See also* (Dkt. No. 123-1 at 20-21) (admitting that if this action had proceeded as to Kimberly-Clark and had reached discovery, "hurdles to proving liability," such as proving proximate cause, "would remain" and would necessitate expensive expert testimony). Further, the Court observes that the injunctive relief provided against Kimberly-Clark in the Settlement Agreement mirrors significant portions of the relief which Plaintiff affirmatively seeks in its Amended Complaint. In sum, the likelihood of substantial future costs weighed against the uncertainty of further litigation favors approving the proposed settlement. *See Sims v. BB&T Corp.*, No. 1:15-CV-732, 2019 WL 1995314, at *4-5 (M.D.N.C. May 6, 2019).

The Court received a single objection to the Settlement Agreement. The North Shore Water Reclamation District ("NSWRD") of Gurnee, Illinois filed an objection with the Court whereby it expressed discontent with the fact it could not "opt-out" of the proposed settlement. (Dkt. No. 126 at 2). NSWRD does not substantively dispute, however, that no opt-out mechanism exists as to Rule 23(b)(2) classes. *Berry v. Schulman*, 807 F.3d 600, 612 (4th Cir. 2015) ("[T]he premise behind certification of mandatory classes under Rule 23(b)(2) is that because the relief sought is uniform, so are the interests of class members, making class-wide representation possible and opt-out rights unnecessary."). NSWRD further objects that it did not have the opportunity to "participate" in the negotiation of the settlement. (*Id.* at 1). NSWRD, however, cites no case law in support of its argument—an argument which ignores, and in-fact runs contrary to the operation of Rule 23. *Berry*, 807 F.3d at 612 ("And before a class may be certified under Rule 23(b)(2), of course, a court must find under Rule 23(a)(4)—as the district court did here—that the interests of all of the class members will be fairly and adequately represented by the named plaintiffs and class counsel. Rule 23(e)'s settlement approval process provides additional protection, ensuring that

Rule 23(b)(2) class members receive notice of a proposed settlement and an opportunity to object, and that a 'settlement will not take effect unless the trial judge—after analyzing the facts and law of the case and considering all objections to the proposed settlement—determines it to be fair, adequate, and reasonable."). NSWRD states it does "not intend to personally appear, present witnesses and/or testify at the Final Approval hearing," (Dkt. No. 126 at 2), and NSWRD did not in-fact appear at the Court's January 24, 2022, fairness hearing.

By contrast, the Court received various letters of support for the Settlement Agreement. (Dkt. No. 127 a 1-2) (letter of support from the Missouri Cleanwater Agencies, representing "90 percent of Missouri's sewered population"); (*Id.* at 4-8) (letter of support signed by 33 South Carolina water districts); (*Id.* at 10-11) (letter of support from West Virginia Water Quality Association, representing "90 percent of West Virginia's sewered population"); *see also* Plaintiff's Reply to Objections, (Dkt. No. 129) (rebutting NSWRD's objections).

4. Notice for The Proposed Settlement Class

As outlined in the Settlement Agreement, (Dkt. No. 59-2 § 7), and as further agreed to by the Parties in proceedings before the Court, "Notice" consisted of the following: (1) First-Class direct mailed notice to the 17, 297 publicly owned sewage treatment plant operators located in the United States as of August 27, 2021; (2) Publication of a Summary Notice, Ex. C, (Dkt. No. 59-2 at 45-46), of one-half page in size once in both the print and online editions of the Water Environment Federation's magazine *Water Environment & Technology*; (3) Transmittal by email of the Notice of Settlement, Ex. B, (Dkt. No. 59-2 at 30-43), to roughly 23 national and local water organizations; (4) a Settlement website; (5) Publication of a Summary Notice via press release issued by the Parties; and (6) notice of the Proposed Settlement to federal and state officials as required by the Class Action Fairness Act of 2005.

As confirmed at the Court's January 24, 2022, hearing, Plaintiff satisfied all Notice requirements. *See* Declaration of Ross D. Murray Regarding Notice Dissemination and Publication, (Dkt. No. 123-6) (regarding first class direct mail and press release); Joint Declaration of Serra and Calamita, (Dkt. No. 123-2 ¶ 16-19); (*Id.* at 19) (email notice to wastewater/governmental associations); (*Id.* at 22) (copy of notice by publication in WE&T magazine); Charleston Wipes Settlement Website, http://charlestonwipessettlement.com (last viewed January 24, 2022).

5. Award of Attorneys' Fees and Costs

Regarding attorneys' fees and expenses in connection with this Rule 23(b)(2) settlement, Class Counsel has requested a total award of \$590,000.00—consisting of \$560,655.27 in attorneys' fees and \$29,344.73 in actual expenses (including Court costs). The Court received no objections to Class Counsel's request for this award. A review of the *Barber* factors that are discussed at length in the Plaintiff's motion, (Dkt. No. 123-1 at 25-30), demonstrates that the proposed award is reasonable and should be approved. With respect to the time and labor required, Plaintiffs' counsel invested over one thousand hours toward successful resolution of this action as between the Parties and the issues presented in the litigation were difficult and complex, as explained *supra*. Given the complexity of the factual and legal issues presented in this case, the preparation, prosecution, and settlement of this case required significant skill and effort on the part of Plaintiff's counsel. Accordingly, the Court grants Class Counsel's request for an award of attorneys' fees and costs.

Conclusion

For the reasons stated above, the Court **GRANTS** Plaintiff's motion for final approval of class action settlement and an award of attorneys' fees. (Dkt. No. 123).

AND IT IS SO ORDERED.

s/ Richard Mark Gergel Richard Mark Gergel United States District Judge

January 24, 2022 Charleston, South Carolina

Amy Underwood

From: Amy Underwood

Sent: Thursday, January 27, 2022 3:30 PM

To: Patel, Jay

Cc: Linda Wong (Linda.Wong@illinois.gov)

Subject: Building Sanitary Service Pipe Overflow - January 27 2022

Dear Jay,

The purpose of this message is to notify the Agency of an overflow from an inspection manhole on the private building sanitary service pipe at 5300 Katrine Ave, Downers Grove. The Downers Grove Fire Department contacted the Downers Grove Sanitary District to inform us of the overflow at 10:00 a.m. on January 27, 2022. A District sewer system technician investigated the overflow, determined that it was due to a blockage on the private service, and notified the business owner that they needed to relieve the problem right away. The Village of Downers Grove contacted the District at 2:45 p.m. to let us know that the inspection manhole was still overflowing. The District is going to work with the business owner to get the overflow stopped. I will follow up with a full report to the Agency.

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

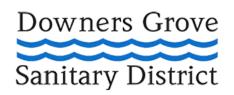
Sincerely, Amy

Amy R. Underwood, P.E.

General Manager



2710 Curtiss Street P.O. Box 1412 Downers Grove, IL 60515 (630)969-0664 www.dgsd.org Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Paul W. Coultrap
Clerk



General Manager Amy R. Underwood

Legal CounselMichael G. Philipp

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

January 31, 2022

Compliance Assurance Section – MC #19 Bureau of Water Illinois Environmental Protection Agency Sent Electronically to: EPA.SSO.Coordinator@Illinois.gov

To Whom It Concerns:

Attached please find the Sanitary Sewer Overflow or Bypass Notification Summary Report describing an overflow that occurred as a result of blockage :

<u>Manhole No.</u> <u>Manhole Location</u> <u>Overflow Date</u>

inspection manhole 5300 Katrine, Downers Grove January 27, 2022

The District was notified at 10:00 a.m. on January 27, 2022 by a the Village of Downers Grove Fire Department. District staff investigated the overflow and determined that it was due to a blockage in the private sanitary service pipe. The property owner was notified that he needed to relieve the problem immediately to stop the overflow. The property owner indicated that he had a plumber coming. At 2:45 p.m., the District was notified by the Village of Downers Grove that the manhole was still overflowing. The District investigated and asked the property owner to shut off the water to the building, which he did shortly after 3:30 p.m.

The property owner informed the District at 3:20 p.m. on January 28 that the blockage had been removed.

District staff set up traffic control devices to prevent the public from entering the impacted area, and our technicians posted appropriate signage during the event.

District staff placed sandbags around the inspection manhole to pool the water and allow it to soak into the ground on private property, thus preventing it from flowing into the public right away.

If you have any questions, please do not hesitate to call me at the number provided herein or send an e-mail message to me at aunderwood@dgsd.org.

Sincerely,

DOWNERS GROVE SANITARY DISTRICT

Amy R. Underwood General Manager

My Moderns

Encl.

C: Board of Trustees Jay Patel, IEPA Linda Wong, IEPA



Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Sanitary Sewer Overflow or Bypass Notification Summary Report

- Within 24 hours of the occurrence, notify the Illinois EPA regional wastewater staff by telephone, FAX, email or voice mail, if staff are unavailable.
- Within 5 days of the occurrence, provide a written report describing the overflow or bypass, including all information requested on this form. The permittee is required to submit this form or other equivalent written notification to the Illinois EPA at:

Bureau of Water/Compliance Assurance Section - MC #19 1021 North Grand Avenue East P.O. Box 19276 Springfield, IL 62794-9276

NOTE: You may complete this form online, save a copy locally, print, sign and submit it to the BOW/CAS MC #19, at the above address. You may also print the form before completing it by hand, signing and submitting it.

Failure to notify the Illinois EPA as specified may result in fines up to \$10,000 for each day of violation.

Instructions: Use this form to report all unscheduled sanitary sewer overflow or bypass occurrences. Attach additional information as necessary to explain or document the overflow or bypass. For the purpose of this report, an overflow or bypass is defined as the discharge of untreated sewage from the sanitary sewer collection system to a surface water and/or ground due to circumstances such as those identified by the check boxes in the overflow or bypass details section of this form.

Use one form per occurrence. A single occurrence may be more than one day if the circumstances causing the overflow or bypass results in a discharge duration of more than 24 hours. If there is a stop and restart of the overflow or bypass within 24 hours, but it is caused by the same circumstances, report it as one occurrence. If the discharges are separated by more than 24 hours, they should be reported as separate occurrences.

24 Hour Notification Information

Permittee (M Downers Gro	STATE OF THE PARTY		The state of the s	me):	Permit Number: IL0028380	Person Representing Permittee Who Contacted IEPA: Amy R. Underwood Name of IEPA Employee Contacted:					
Date:	Time:	AM	PM		Contacted:						
01-27-22	3:30		×	Des Plaines		Jay Patel, Linda Wong					
Sanitary S	ewer Ove	erflow	or E	ypass Det	ails						
Date and Dur	ation of Ov	erflow	or Byp	ass Occurrer	nce (complete a s	eparate form for each occurrence):					
Start Date:	Time:	AM	ypass (hours and minutes):								
01-27-22	10:00										
Wastewater Discharged (gallons): unknown	M		Not ap	uring bypass plicable for a							
Circumsta	nces Cau	using	the (Overflow o	r Bypass (che	eck all that apply)					
WPC 733 11/2011	Rain			☐ Power Outage ☐ Equipment Failure ☒ Other (explain below)							
	Snow Melt			☐ Broken Sewer ☐ Widespread Flooding							
failed. What	caused the	power	outag	e, or what plu	igged the sewer.	r bypass occurred. For example, describe what equipment Flooding should only be indicated, as a cause if there is relevels, not just localized high water in the street.					
The private s	ewer servic	e was	blocke	ed causing wa	astewater to flow	out of the inspection manhole.					

Wet Weather	r (if appli	icable)									
Date(s) and [Duration o	of Rainfall:									
Start Date:	Time:	AM PM	End Date:	Time:	AM PM	Amount	of R <mark>ai</mark> nfall (<mark>inche</mark> s)	Amour (inche	nt of Snow Melt s)		
Contributing	Soil Con	ditions (satu	urated, frozen	, soil type							
Where Did	the Di	scharge	from the O	verflow	or Bypas	s Go?	(check all that	apply)			
If discharge of storm sewer	loes not e to find the	enter directle e receiving	ly into surface water.						river, lake, or wetland the path of the ditch o		
X Runs on											
			r it drains to:	20 474.11 • 444.00.00 • 604.00							
			face water it d	Irains to:							
33 (0)		ect discharg	- A	EASH IVES BY	W 101 VS	LANSE R LINE HARMAN CONTAINS	MILES SEE CELEBRA				
Basemen	t Back-u	ps, (Numb	er & use (i.e.r	residential	, commerci	al) of build	ings affected):				
Other, de	escribe:										
the water so	it would	soak into th	e ground rath		ow into the p	oublic right	of way.		nd sandbags to pool		
Report Co	mpiete	и Бу			Aut	norized	Representative	Contac	t information		
Contact Pers	TOTAL PROPERTY OF THE PARTY OF		ood		Contact Person: Amy R. Underwood						
Street Addres	-	Curtiss St			Title: General Manager						
PO Box:	1412	0					2710 Curtiss St				
City:	Venne a service	ers Grove	State: Phone: 630-9	A	PO E	SOX:	1412 Downers Grove		State: IL		
Zip Code: County:	60518 DuPa		none: 630-9	09-0004		ode:	60515	Phone:	630-969-0664		
County.	Dura	ige .			Cour		DuPage	i none.			
						•					
V75(0-7)	commits		77	6531			al statement, oral after conviction is	-			
Authorized R	ative Name	e (Print)		Title							
Amy R. Underwood					General Manager						
1	ınd				01/31/2022						
//						_					

Authorized Representative Signature

Date

Personnel

Effective February 1, Carly Shaw will be promoted to the position of Administrative Supervisor. Congratulations to Carly on her new role here at the District! Starting February 1, Human Resources concerns should be brought to Carly.

With Carly's transition to Administrative Supervisor, the position of Accounting Assistant will be open. In early February, the District will be starting the process of seeking candidates for the Accounting Assistant position.

COVID-19

CURRENT LEVEL OF TRANSMISSION: HIGH

At this time, <u>all employees need to continue to wear masks when indoors</u>, regardless of vaccination/booster status or whether you've had the virus.

As stated in my December 28 and January 5 e-mails to all employees, the following procedures to limit the potential spread of COVID through our facilities will be in place until further notice:

- 1. Do not share vehicles or ride in the elevators with another employee.
- 2. Supervisors will be contacting employees to stagger shifts, lunchroom use, locker room use, etc. and to work remotely when possible.
- 3. Limit contact with other employees when possible. If you can communicate with another employee effectively through a phone call, e-mail or text rather than face to face, do so. If you must meet in person, maintain social distance when possible. Do not congregate for social time.

The revised COVID Preparedness Plan considers whether an individual has received a booster in determining whether quarantine is required after exposure to someone with COVID-19. At this time, the District is asking any employee that has received a booster shot to provide a copy of your vaccination card to Carly Shaw. This information will be kept confidential and used for (1) Contact tracing, (2) Approving use of COVID-19 sick leave to get the booster shot or you need to stay home due to symptoms from getting the shot, and (3) Administration of procedures in the COVID Preparedness Plan.

If you are not up to date on your vaccinations and have been traveling to and are returning from out-of-state or have attended a gathering, you may be asked to self-quarantine prior to returning to work. Please check with your supervisor or the District's Safety Coordinator in advance of traveling out-of-state or attending a gathering to determine beforehand if a quarantine will be necessary upon your return. All states and territories are currently on the travel advisory list.

TopHealth

The February 2022 edition of TopHealth is enclosed.

Sewer Rehabilitation/Infiltration and Inflow Removal

We are targeting the 1-K-028 area for private property inspections and I/I removal. We are also monitoring the area around the 1-M-049 manhole to evaluate flows in the vicinity and impacts of the installation of a bolt-down cover at 1-M-049. Data collected shows that the local system containing 1-M-049 appears to be operating satisfactorily. Regular flow monitoring continues.

Status of Projects

1) 001 Outfall Pipe Repair

The project will be advertised on February 22. A bid opening date has been set for March 29.

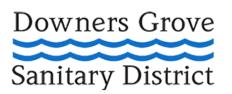
2) Centex Lift Station Replacement

The contractor is preparing shop drawings for review.

3) Administration Center Modifications

Preliminary design has begun on the Administration Center modifications. Modifications will include remodeling of the front entrance and counter and a kitchenette in the Board room.

Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Paul W. Coultrap
Clerk



General Manager Amy R. Underwood

Legal Counsel Michael G. Philipp

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

Memo

To: Amy Underwood, General Manager From: Alex Bielawa, Staff Engineer

Date: February 1, 2022

Subject: Correction to WWTC Annual Operations Report

An accounting error was discovered with the Billable Flow after the annual wastewater treatment center report was published. I have attached the revised sections of the report to show the corrected numbers.

C: BOT, BOLI, MGP

DOWNERS GROVE SANITARY DISTRICT 2021 WWTC PERFORMANCE REPORT

TO: Board of Trustees

FROM: Amy R. Underwood

General Manager

DATE: January 14, 2022 February 2, 2022

SUMMARY OF 2021 OPERATIONS

Total Flow to WWTC: 3,553,503,700 gallons Average Daily Flow: 9.74 MGD

Total Complete Treatment Flow: 3,498,954,700 gallons Average Daily Complete Treatment Flow: 9.59 MGD

District Billed Flow: 2,009,731,964 gallons 1,844,675,245 gallons

Ratio of Billed Flow to Total WWTC Flow: 56.6% 51.9%

Ratio of Billed Flow to Total Complete Treatment Flow: 57.4% 52.7%

Precipitation Total for 2021: 29.66"

Net Electrical Consumption: -374,173 KW Hrs. Average Daily Electric Usage: -1,025 KW Hrs.

Complete Treatment Flow Characteristics – Average Daily Values

Influent Concentrations: BOD 225 mg/L

TSS 203 mg/L NH3-N 19.7 mg/L

Influent Loadings: BOD 16,878 lbs. /day TSS 14,665 lbs. /day

NH3-N 1,312 lbs. /day

Effluent Concentrations: CBOD 1.1 mg/L

TSS 0.9 mg/L

NH3-N 0.3 mg/L

Effluent Loadings: CBOD 97 lbs. /day

TSS 93 lbs. /day NH3-N 38 lbs. /day

Biosolids Production, after digestion: 10,743,376 gallons

2,274,125 lbs. dry solids

1,137 dry tons

Dewatering polymer use in 2021 was at 27,000 pounds for 2,274,125 pounds of sludge on a dry solids basis and equated to 84.2 pounds of dry solids per pound of polymer. Thickening polymer use, which is used in the WAS Thickener, was 22,275 pounds for 1,190,702 pounds of sludge on a dry basis and equated to 53.5 pounds of dry solids per pound of polymer.

NUTRIENTS (TABLE 18)

The NPDES permit requires routine monitoring of influent and effluent total nitrogen and phosphorus concentrations. Table 18 summarizes that data and applies the concentration data to the monthly flows to estimate loads. 40% removal of phosphorus and 48% removal of nitrogen occurred across the plant in 2021. Biological phosphorus removal does not work as well during warmer, dry months, as can be seen by the drop in percent removals in July and August.

Table 19 compares the annual average nutrients influent, effluent and percentage removals since monitoring began in 2015. Percent removal of nutrients was lower in the past two years that it was in the few preceding years.

SUMMARY

While rainfall and total flow to the WWTC in 2021 were the lowest in the last nine years, the WWTC still had a historic flow event in June where it operated at its peak capacity. This event was a high intensity, short duration rainfall event.

Billable flow as a proportion of total flow was approximately 57%, reflecting the higher proportion of I/I due to annual precipitation. The need for system I/I reduction continues.

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

Overall, the WWTC effluent quality was excellent for the parameters controlled in the NPDES permit. The plant operated with three permit excursions in 2021 which were from one extreme rainfall event in June. Since the Submersible Excess Flow Pump Station was installed in 1996 to allow the District to use Intermediate Clarifiers 2 and 3 during excess flow events, Outfall 003 has only been used eight times. With the exception of the April 2013 event, Outfall 003 is typically only in service a few minutes to a few hours. District operators have never been able to optimize the performance of Outfall 003 due to the typically brief nature of these events. Of the eight events, the April 2013 event, which spanned over three days, was the only event which did not result in a permit excursion. Since the use of Outfall 003 has not become an annual occurrence, District Staff intend to develop a long-term plan for improvements to this system in 2022.

The WAS thickener, which was placed into operation the last week of 2020, was expected to improve biosolids quality by allowing better digestion due to increased detention time in the digester. This benefit was not realized after a year of operation of the WAS thickener. The dewatered sludge from the belt filter press was wetter in 2021 than the previous year. The additional hauled grease waste that is being accepted is