

DOWNERS GROVE SANITARY DISTRICT  
GENERAL MANAGER'S REPORT  
June 10, 2022

June Board Meeting

Copies of documentation for the following agenda items are enclosed for the June 14, 2022 meeting:

- 1) Proposed Agenda
- 2) Minutes of the May 24, 2022 regular meeting
- 3) Claim Ordinance 1914
- 4) Operations Report – Revenue
- 5) Memos regarding tax levy and proposed tax levy ordinance

BOLI Meeting

There is no BOLI meeting scheduled this month.

Operations Reports

Copies of the following are enclosed for May 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.

Safety Committee and Related Safety Matters

A Safety Committee meeting was held on May 26.

The Safety Committee is currently evaluating an industrial-grade adhesive floor-striping product as an alternative to painting the floors in front of electrical panels throughout the facility. Letter signs have been added this month to all basements that are not part of the tunnel system. The Committee continues to address hazard reports submitted by employees.

Financial

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

The Treasurer's Report for May 2022 covering the first month of FY 22-23 is included herein, along with a summary cover memo.

### Meetings

I attended the following meetings since the May 18, 2022 General Manager's report:

- May 20 attended IEPA Wastewater Advisory Council meeting
- May 23 attended DRSCW stakeholder meeting on the Fullersburg project. Larry also attended.
- June 6 attend meeting with the Village of Downers Grove re downtown sanitary. Bob, Keith and Alex also attended.
- June 7 attended CSWEA Local Arrangements Committee meeting
- June 8 attend NACWA Water Quality Committee meeting

### Miscellaneous

Copies of the following items are enclosed:

- 1) May 11 BSSRAP Questionnaire
- 2) General Manager's Report to the Employees dated May 20 and June 3
- 3) May 27 e-mail to employees regarding High COVID Community Level
- 4) June 2 e-mail to employees regarding COVID Plan revision
- 5) June 4 e-mail from customer regarding BSSRAP work
- 6) Sanitary Sewer Overflow or Bypass Notification Summary Report to IEPA regarding June 6 College force-main break, dated June 8
- 7) NACWA 2021 Cost of Clean Water Index

cc: WDVb, AES, JMW, BOLI, MGP, CS

**DOWNERS GROVE SANITARY DISTRICT  
BOARD OF TRUSTEES MEETING  
JUNE 14, 2022 – 7:00 PM  
BOARD ROOM**

**PROPOSED AGENDA**

- I. APPROVAL OF MINUTES
  - A. REGULAR MEETING – MAY 24, 2022
- II. APPROVAL OF CLAIM ORDINANCE NO. 1914
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
  - A. OPERATIONS REPORT – REVENUE
  - B. TAX LEVY ORDINANCE

**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 June 14, 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, May 24, 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, Amy E. Sejnost, Jeremy M. Wang, General Manager Amy R. Underwood, Administrative Supervisor Carly S. Shaw, Sewer Construction Supervisor Keith W. Shaffner, Information Coordinator Alyssa J. Caballero and Attorney Michael G. Philipp.

### **Minutes of Regular Meeting – April 19, 2022**

A motion was made by Trustee Wang seconded by Trustee Sejnost approving the minutes of the regular meeting held on April 19, 2022 and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost, and Wang.)

### **Claim Ordinance No. 1913**

A motion was made by Trustee Sejnost seconded by Trustee Wang adopting Claim Ordinance No. 1913 in the total amount of \$766,008.32 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

### **Public Comment – None**

### **New Business**

### **Elections and Appointments**

The following elections and appointments were made: A motion was made by Trustee Sejnost seconded by Trustee Wang nominating Wallace D. Van Buren as President, closing the nominations for President and electing by unanimous consent Wallace D. Van Buren as President. The motion carried. (Votes recorded: Ayes–Sejnost and Wang.) A motion was made by Trustee Van Buren seconded by Trustee Wang nominating Amy E. Sejnost as Vice President, closing the nominations for Vice President and electing by unanimous consent Amy E. Sejnost as Vice President. The motion carried. (Votes recorded: Ayes–Van Buren and Wang.) A motion was made by Trustee Sejnost seconded by Trustee Van Buren nominating Jeremy M. Wang as Clerk, closing the nominations for Clerk and electing by unanimous consent Jeremy M. Wang as Clerk. The motion carried. (Votes recorded: Ayes–Van Buren and Sejnost.) A motion was made by Trustee Sejnost seconded by Trustee Van Buren appointing Carly Shaw as Assistant Clerk. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.) A motion was made by Trustee Van Buren seconded by Trustee Sejnost appointing Amy R. Underwood as General Manager. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.) A motion was made by Trustee Van Buren seconded by Trustee Wang appointing Carly Shaw as Treasurer. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.) A motion was made by Trustee Sejnost seconded by Trustee Wang appointing Baxter and Woodman, Inc. as engineers for the District sewer system and Wastewater Treatment Center. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.) A motion was made by Trustee Van Buren seconded by

Trustee Sejnost appointing Philipp Law Office as attorneys for the District. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.) A motion was made by Trustee Van Buren seconded by Trustee Sejnost appointing Kenneth J. Rathje, Robert T. Jungwirth and Mark J. Scacco as members of the Board of Local Improvements. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Wang.)

#### Annual Newsletter

Staff presented a draft of the annual newsletter to be mailed to District residents with their sanitary sewer bills in June, July, and August. An Open House invitation insert, a District Biosolids Program brochure and an EasyPay enrollment form were also included. The Board concurred with the annual newsletter and additional enclosures as presented.

#### Operations Report – Biosolids

General Manager Underwood presented an operations report reviewing the District's Biosolids Distribution Program. The report reviewed how biosolids are created, how the District distributes it, recent issues with production and potential future improvements.

#### Other New Business

Trustee Sejnost noted the repairs to the force main break at Wroble Lift station that happened in April. She thanked Lab Supervisor Berry for his detailed monthly report. She also noted how rainy and wet April had been and commended staff for their continued hard work during these conditions. Trustee Sejnost expressed her appreciation for the ongoing work to increase safety measures at the District including the reflective car decals on District vehicles. Lastly, she thanked Maintenance Supervisor Barta for his monthly report and his efforts to find cost saving opportunities for maintenance work.

Trustee Wang thanked General Manager Underwood and staff for his recent tour of the wastewater treatment center. He also noted he was looking forward to a future tour of the District's lift stations.

Trustee Van Buren thanked Administrative Supervisor Shaw for her update on the Invoice Cloud portal's customer utilization and was glad to hear the new Accounting Assistant was doing well in her new position. He noted the masonry repairs in the micro strainer building, excess flow pumping station and laboratory, noted in Maintenance Supervisor Barta's monthly report. He inquired about the outfall sewer repair project and the delay with the Centex Lift Station replacement, both noted in Staff Engineer Bielawa's report. Lastly, he thanks staff for their continued hard work.

A motion was made by Trustee Wang seconded by Trustee Sejnost to adjourn the regular meeting at 7:55 p.m. The motion carried.

Approved: June 14, 2022

\_\_\_\_\_  
President

Attest: \_\_\_\_\_  
Clerk

Downers Grove, Illinois

Date: June 14, 2022

Claim Ordinance No. 1914

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 **\$847,173.76** being in words and figures as follows:

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		57113.75-
01-00.2000	FEDERAL TAX WITHHELD		9505.59-
01-00.2001	STATE TAX WITHHELD		4123.93-
01-00.2002	SOCIAL SECURITY WITHHELD		6825.29-
01-00.2003	IMRF WITHHELD		4004.75-
01-00.2013	CREDIT UNION WITHHELD		2419.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		3876.13-
01-00.2017	VOLUNTARY GROUP LIFE		192.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		193.50-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1186.33-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		298.11-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		426.01-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		200.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		234.80-
01-11.A003	GENERAL MANAGEMENT	775.29	
01-11.A004	FINANCIAL RECORDS	7061.01	
01-11.A005	ADMINISTRATIVE RECORDS	821.00	
01-11.A006	ENGINEERING	159.13	
01-11.A007	CODE ENFORCEMENT	5185.78	
01-11.A008	SAFETY ACTIVITIES	1471.60	
01-12.A006	ENGINEERING	1992.88	
01-12.A011	MAINTENANCE - WWTC	16393.32	
01-12.A014	MAINTENANCE - ELECTRICAL	3574.81	
01-12.A021	WWTC - OPERATIONS	16525.01	
01-12.A022	WWTC - SLUDGE HANDLING	7030.26	
01-12.A023	WWTC - ENERGY RECOVERY	106.71	
01-12.A030	BUILDING AND GROUNDS	3375.34	
01-13.A041	LAB - WWTC	6510.38	
01-13.A048	LAB - ENERGY RECOVERY	229.77	
01-14.A006	ENGINEERING	212.17	
01-14.A051	SEWER MAINTENANCE	10548.40	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	593.76	
01-14.A061	INSPECTION - NEW CONSTRUCTION	154.10	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	1367.10	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	584.06	
01-14.A064	INSPECTION - MISCELLANEOUS	885.52	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	1012.33	
01-14.A066	INSPECTION - CODE ENFORCEMENT	3392.71	
01-14.A072	SEWER INVESTIGATIONS	231.13	
01-15.A006	ENGINEERING	60.62	
01-15.A080	LIFT STATION MAINTENANCE	345.00	
		90599.19	90599.19-

PAYROLL ENDING DATE: 05.28.22  
 PAYROLL PAID DATE: 06.03.22  
 G/L DATE: 06.30.22

GENERAL LEDGER RECAP  
 DATE 06/01/22 PERIOD END 05/28/22 PAGE 5

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		55397.94-
01-00.2000	FEDERAL TAX WITHHELD		9035.07-
01-00.2001	STATE TAX WITHHELD		3973.49-
01-00.2002	SOCIAL SECURITY WITHHELD		6571.04-
01-00.2003	IMRF WITHHELD		3856.29-
01-00.2013	CREDIT UNION WITHHELD		2419.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		3619.45-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		184.25-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		192.25-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1186.33-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		298.11-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		290.54-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		200.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		234.80-
01-11.A003	GENERAL MANAGEMENT	703.66	
01-11.A004	FINANCIAL RECORDS	7144.26	
01-11.A005	ADMINISTRATIVE RECORDS	877.49	
01-11.A006	ENGINEERING	484.96	
01-11.A007	CODE ENFORCEMENT	7027.39	
01-11.A008	SAFETY ACTIVITIES	1144.95	
01-12.A006	ENGINEERING	1757.98	
01-12.A011	MAINTENANCE - WWTC	13110.49	
01-12.A012	MAINTENANCE - VEHICLES	308.00	
01-12.A014	MAINTENANCE - ELECTRICAL	7481.66	
01-12.A021	WWTC - OPERATIONS	13057.90	
01-12.A022	WWTC - SLUDGE HANDLING	6975.37	
01-12.A023	WWTC - ENERGY RECOVERY	158.90	
01-12.A030	BUILDING AND GROUNDS	3379.98	
01-13.A041	LAB - WWTC	5640.59	
01-13.A048	LAB - ENERGY RECOVERY	182.25	
01-14.A006	ENGINEERING	136.40	
01-14.A051	SEWER MAINTENANCE	10967.53	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	925.67	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	2373.93	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	592.50	
01-14.A064	INSPECTION - MISCELLANEOUS	1071.29	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	378.98	
01-14.A066	INSPECTION - CODE ENFORCEMENT	1170.02	
01-15.A006	ENGINEERING	45.47	
01-15.A080	LIFT STATION MAINTENANCE	360.94	
		87458.56	87458.56-

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		21742.24-
01-00.2000	FEDERAL TAX WITHHELD		3772.99-
01-00.2001	STATE TAX WITHHELD		1549.71-
01-00.2002	SOCIAL SECURITY WITHHELD		2534.47-
01-00.2003	IMRF WITHHELD		1490.87-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1442.42-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		89.50-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		432.75-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		144.90-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		231.43-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		40.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A003	GENERAL MANAGEMENT	9007.74	
01-11.A004	FINANCIAL RECORDS	1007.57	
01-11.A007	CODE ENFORCEMENT	8991.21	
01-11.A030	BUILDING AND GROUNDS	314.93	
01-12.A009	OPERATIONS MANAGEMENT	4565.92	
01-12.A011	MAINTENANCE - WWTC	4034.38	
01-12.A014	MAINTENANCE - ELECTRICAL	314.92	
01-12.A021	WWTC - OPERATIONS	225.27	
01-12.A023	WWTC - ENERGY RECOVERY	87.33	
01-12.A030	BUILDING AND GROUNDS	127.04	
01-13.A009	OPERATIONS MANAGEMENT	4085.15	
01-13.A041	LAB - WWTC	208.46	
01-13.A042	LAB - PRETREATMENT	52.37	
01-13.A048	LAB - ENERGY RECOVERY	104.23	
01-14.A006	ENGINEERING	43.67	
01-15.A080	LIFT STATION MAINTENANCE	378.15	
		33548.34	33548.34-

Payroll Ending Date: 05.31.22  
 Payroll Paid Date: 06.03.22  
 G/L Date: 06.30.22

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		21530.29-
01-00.2000	FEDERAL TAX WITHHELD		3757.75-
01-00.2001	STATE TAX WITHHELD		1545.46-
01-00.2002	SOCIAL SECURITY WITHHELD		2518.36-
01-00.2003	IMRF WITHHELD		1481.39-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1540.61-
01-00.2017	VOLUNTARY GROUP LIFE		64.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		300.00-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		432.75-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		144.90-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		115.75-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		40.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A003	GENERAL MANAGEMENT	9297.75	
01-11.A004	FINANCIAL RECORDS	921.33	
01-11.A007	CODE ENFORCEMENT	8991.21	
01-12.A009	OPERATIONS MANAGEMENT	4785.57	
01-12.A011	MAINTENANCE - WWTC	4229.41	
01-12.A014	MAINTENANCE - ELECTRICAL	156.87	
01-12.A022	WWTC - SLUDGE HANDLING	306.22	
01-12.A023	WWTC - ENERGY RECOVERY	50.59	
01-12.A030	BUILDING AND GROUNDS	156.87	
01-13.A009	OPERATIONS MANAGEMENT	3355.11	
01-13.A041	LAB - WWTC	44.74	
01-13.A042	LAB - PRETREATMENT	760.61	
01-13.A048	LAB - ENERGY RECOVERY	246.08	
01-14.A006	ENGINEERING	37.20	
01-15.A080	LIFT STATION MAINTENANCE	208.76	
		33548.32	33548.32-

01 GENERAL FUND STANDARD CHECK REGISTER FOR 06/14/22

Date: 06/09/22  
Time: 10:57am

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
A-FORMULA MECHANICAL CORP	A000065	05/31/22	43152	01-12.B812	MSB LUNCHRM FURN BLOW MTR	1276.08		
		06/01/22	43186	01-13.B115	INFLUENT SAMPLER REPAIR	200.00	1476.08	104058
AT & T MOBILITY	A000085	05/03/22	831873915	01-15.B112	LS CELLULAR DIALER	54.31	54.31	063596
ACI Payments Inc.	A000096	05/19/22	1000070807	01-11.B110	OLR FEES	25.80	25.80	104059
ALLAN J COLEMAN	A000245	05/11/22	0265571	01-14.B115	SS EQUIPMENT	13928.30		
		05/26/22	0266400	01-14.B910	SS RODDING EQUIPMENT	1783.22	15711.52	063597
ALLEGRA MARKETING PRINT MAIL	A000251	05/16/22	36484	01-11.B120	LETTERHEAD	663.36	663.36	063640
ALTORFER INDUSTRIES, INC.	A000292	05/20/22	P6AC0033264	01-15.B526	NW STAT GEN REPAIR	143.97		
		05/23/22	P6AC0033396	01-15.B523	EARLSTON STAT GEN REPAIR	66.80		
		05/25/55	P6AC0033636	01-15.B528	WROBLE GENERATOR REPAIR	197.35	408.12	104060
SYNCHB/AMAZON	A000295	05/12/22	434338349355	01-11.B115	ADMIN CTR ELEC UPGRADE	103.59		
		05/17/22	456568684948	01-12.B112	CELLPHONE OTTERBOX CASE	38.00		
		05/21/22	457363537434	01-12.B812	MSD MOTION DETECTORS	337.92		
		06/03/22	466373456697	01-12.B116	TELESCOPIC POLES	69.18		
		05/30/22	664794854868	01-11.B118	HEPA FILTERS	379.90		
		05/30/22	664794854868	01-12.B812	HEPA FILTERS	227.94		
		05/26/22	774475848794	01-11.B115	ADMIN SHREDDER	122.97		
		05/31/22	778399564865	01-11.B113	DISPOSABLE MASKS	27.96		
		05/19/22	854998865577	01-12.B112	OPS IPAD OTTERBOX CASES	118.77		
		05/17/22	873747334546	01-12.B112	3 PK CELLPHN SCR N PROTECT	7.99		
		06/02/22	897949585483	01-12.B116	GARDEN TANK SPRAYER	25.93		
		05/25/22	953795989773	01-12.B812	HEPA FILTERS	39.99		
		05/31/22	966497875387	01-11.B113	CAUTION SIGN	10.45		
		05/24/22	L53347368788	01-11.B116	LATE FEE	2.93	1513.52	063598
AMERICAN NATIONAL SKYLINE	A000320	05/24/22	317591	01-11.B118	ADMIN CTR WINDOW WASHING	61.00	61.00	104061
AUTOZONE - AZ COMMERCIAL	A000600	05/18/22	2576075818	01-12.B512	PORT GENERATOR BATTERY	142.69		
		05/19/22	2576076597	01-12.B505	SILICONE/RAW SEW PUMP 7	39.98		
		05/18/22	2579075819	01-12.B512	BATTERY CORE CREDIT	22.00-	160.67	063599
BAXTER & WOODMAN, INC.	B000120	05/23/22	0234617	01-14.B902	OUTFALL SEWER SAG CS	2453.75		
		05/23/22	0234631	01-11.B124	2022 MISC ENGINEER SVCS	1863.77		
		05/23/22	0234634	01-12.B812	WWTC & LS CODE REVIEW	3196.25		
		05/27/22	0235015	01-11.B118	ADMIN BLDG REMODEL DESIGN	10852.74	18366.51	104062
BOX INC.	B000315	05/22/22	10023745	01-11.B115	LICENSE RENEWAL	3300.00	3300.00	104063
CASSIDY TIRE & SERVICE	C000090	05/16/22	912007343	01-14.C225	TRUCK #310 TIRE REPLACE	129.74	129.74	063600
CentralSquare Technologies	C000127	05/09/22	353785	01-14.B115	LUCITY ANNUAL RENEWAL	4433.45	4433.45	104064
CINTAS #344	C000300	05/17/22	4119681413	01-12.B117	WWTC UNIFORMS	75.10		
		05/17/22	4119681413	01-14.B117	SS UNIFORMS	19.16		
		05/24/22	4120349145	01-12.B117	WWTC UNIFORMS	75.10		
		05/24/22	4120349145	01-14.B117	SS UNIFORMS	19.16		
		06/01/22	4121048841	01-12.B117	WWTC UNIFORMS	75.09		
		06/01/22	4121048841	01-14.B117	SS UNIFORMS	19.17		
		06/02/22	510618971	01-11.B113	FIRST AID RESTOCK	299.44	582.22	063601
CLOVERLEAF TOOL CO	C000335	06/03/22	52967	01-14.B115	SS SUPPLIES	251.98	251.98	104065
COLE-PARMER	C000345	04/27/22	30999320	01-13.B114	LAB CHEMICALS	457.91	457.91	063602
COLLEY ELEVATOR CO.	C000370	06/01/22	227325	01-12.B113	ELEVATOR INSPECTION	771.00	771.00	104066
COMCAST	C000373	06/03/22	877120120055	01-11.B112	BACK UP INTERNET SERVICE	104.90	104.90	063603

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
Comcast	C000375	06/01/22	148224711	01-11.B112	INTERNET SERVICE	830.00	830.00	063604
COMED	C000380	05/18/22	0055025057	01-15.B100	COLLEGE LS ELECTRIC	785.68		
		05/13/22	0068029014	01-15.B100	CENTEX LS ELECTRIC	147.61		
		05/13/22	0120089072	01-15.B100	WROBLE LS ELECTRIC	1002.21		
		05/13/22	0458029046	01-15.B100	LIB PARK ELECTRIC	742.66		
		05/20/22	0562080004	01-15.B100	VENARD LS ELECTRIC	849.98		
		05/13/22	1095091170	01-15.B100	NW LS ELECTRIC	2579.40		
		06/01/22	1108062005	01-11.B100	ADMIN CTR ELECTRIC	174.19		
		06/01/22	1108062005	01-12.B100	PLANT ELECTRIC	1164.75		
		05/13/22	1810068039	01-15.B100	EARLSTON LS ELECTRIC	521.47		
		05/13/22	3240038012	01-15.B100	BUTTERFIELD LS ELECTRIC	196.24		
		05/13/22	4657083017	01-15.B100	HOBSON LS ELECTRIC	4063.55		
		05/24/22	6770572011	01-12.B100	WALNUT HSE ELECTRIC	84.49		
		05/24/22	6770572011	01-14.B910	BSSRAP YARD ELECTRIC USE	79.01		
		05/24/22	8762083052	01-12.B100	BIG TOP ELECTRIC	26.66	12417.90	063605
CONSERV FS	C000418	05/23/22	6415690	01-12.B812	GRASS SEED	172.50	172.50	063606
G COOPER OIL COMPANY INC.	C000470	05/17/22	33999	01-12.B116	55 GAL DRUM DEF FLUID	305.50	305.50	063607
CORE & MAIN LP	C000485	05/09/22	Q712489	01-12.B503	EXCESS TANK PART	972.00	972.00	063608
COSTCO	C000495	05/17/22	000111871021	01-12.B116	MEMBERSHIP RENEWAL	60.00	60.00	063609
COVERALL NORTH AMERICA, INC	C000557	06/01/22	1010697239	01-11.B118	ADMIN CTR CLEANING	429.00		
		06/01/22	101697237	01-12.B812	MSB CLEANING	304.00		
		06/01/22	101697237	01-13.B116	LAB CLEANING	157.00	890.00	104067
CURTIS MARTIN GROUP, INC.	C000660	05/19/22	8400	01-11.B115	CITYINSIGHT UPDATE	218.75		
		05/23/22	8409	01-11.B115	CITY INSIGHT & PROG FIX	426.25		
		06/06/22	8425	01-11.B115	UPDATES TO CITYINSIGHT	382.50	1027.50	104068
DELTA SONIC	D000220	05/27/22	10555848	01-11.C225	ADMIN CAR WASHES	8.33		
		05/27/22	10555848	01-12.C225	WWTC CAR WASHES	24.99		
		05/27/22	10555848	01-14.C225	SS CAR WASHES	33.32	66.64	063610
VILLAGE OF DOWNERS GROVE	D000480	05/06/22	108	01-12.B113	ELEVATOR INSPECTION	154.00		
		06/07/22	248	01-11.B121	APRIL/MAY METER READINGS	883.86	1037.86	063611
EXODUS TECHNOLOGY SERVICE	E000480	05/01/22	22142	01-11.B124	IT SUPPORT SERVICES	5078.75	5078.75	063612
EYE MED VISION CARE	E000600	06/01/22	165295829	01-17.E455	VISION INSURANCE	453.40	453.40	063613
FIRST ADVANTAGE	F000130	05/31/22	2501422205	01-12.B117	DRUG TEST	35.14		
		04/30/22	2501542204	01-12.B117	DRUG TEST	35.14	70.28	104069
FIRST ENVIRONMENTAL LAB	F000140	05/24/22	168376	01-13.B123	BIMONTHLY CHEM ANALYSIS	229.20	229.20	104070
FOSTERS TRUCK REPAIR	F000270	05/24/22	40210	01-14.C225	VEHICLE INSPECTION	60.50	60.50	063614
GEORGE'S LANDSCAPING	G000260	05/01/22	MAY2022	01-11.B118	ADMIN CTR MOWING	418.12		
		05/01/22	MAY2022	01-12.B812	PLANT MOWING	2691.44		
		05/01/22	MAY2022	01-15.B820	BUTTERFIELD LS MOWING	137.80		
		05/01/22	MAY2022	01-15.B821	CENTEX LS MOWING	137.80		
		05/01/22	MAY2022	01-15.B823	EARLSTON LS MOWING	137.80		
		05/01/22	MAY2022	01-15.B824	HOBSON LS MOWING	137.80		
		05/01/22	MAY2022	01-15.B825	LIBERTY PARK LS MOWING	137.80		
		05/01/22	MAY2022	01-15.B826	NW LS MOWING	137.80		
		05/01/22	MAY2022	01-15.B827	VENARD LS MOWING	137.80		
		05/01/22	MAY2022	01-15.B828	WROBLE LS MOWING	137.80	4211.96	104071

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
W. W. GRAINGER, INC.	G000520	05/12/22	9310237004	01-12.B116	SEE SHEET	96.67		
		05/12/22	9310237012	01-12.B512	SEE SHEET	31.01		
		05/16/22	9313059421	01-12.B116	SEE SHEET	8.68		
		05/17/22	9315155078	01-13.B116	SEE SHEET	293.00		
		05/18/22	9316653881	01-12.B512	SEE SHEET	45.09		
		05/18/22	9316728352	01-12.B505	SEE SHEET	46.05		
		05/19/22	9318663581	01-12.B512	SEE SHEET	25.51		
		05/23/22	9322068736	01-12.B512	SEE SHEET	17.26		
		05/24/22	9322633414	01-12.B113	SEE SHEET	53.04		
		05/24/22	9323239922	01-12.B512	SEE SHEET	141.10		
		05/24/22	9323922790	01-12.B512	SEE SHEET	38.42		
		05/25/22	9324358952	01-12.B512	SEE SHEET	9.89		
		05/27/22	9327027828	01-12.B510	SEE SHEET	51.52		
		05/27/22	9327725868	01-12.B116	SEE SHEET	2.88		
		05/27/22	9328100947	01-12.B116	SEE SHEET	173.06		
		06/01/22	9329964754	01-12.B116	SEE SHEET	9.68		
		06/01/22	9331016056	01-13.B114	SEE SHEET	306.55		
		06/01/22	9331233479	01-12.B116	SEE SHEET	90.60		
		06/02/22	9332663542	01-12.B512	SEE SHEET	90.46	1530.47	104072
HARBOR FREIGHT TOOLS	H000060	06/06/22	999008704998	01-12.B512	MAINT REPAIR SUPPLIES	101.79	101.79	063615
HARRINGTON IND. PLASTICS LLC	H000090	05/12/22	023H6263	01-12.B502	HYP FEED PMP 1&2 PARTS	158.34		
		05/17/22	023H6374	01-12.B502	HYPO PUMPS 1/2 ORING KITS	104.95	263.29	104073
HOME DEPOT	H000400	05/17/22	0010265	01-11.B116	SEE SHEET	54.02		
		05/27/22	0021996	01-12.B116	SEE SHEET	42.91		
		05/26/22	1100478	01-14.B910	SEE SHEET	11.96		
		05/25/22	2042201	01-11.B115	SEE SHEET	8.20		
		05/24/22	3042137	01-11.B115	SEE SHEET	19.45		
		05/13/22	4020412	01-12.B116	SEE SHEET	37.08		
		05/13/22	4021231	01-11.B118	SEE SHEET	43.44		
		05/13/22	4021232	01-12.B512	SEE SHEET	45.71		
		05/13/22	4053888	01-14.B116	SEE SHEET	12.95		
		05/20/22	7041814	01-11.B115	SEE SHEET	4.69		
		05/19/22	8360176	01-11.B115	SEE SHEET	5.88		
		05/18/22	9020965	01-12.B812	SEE SHEET	47.88		
		05/18/22	9041660	01-11.B115	SEE SHEET	56.75	390.92	063616
HUDSON ENERGY SERVICES, LLC	H000495	06/03/22	2206000448	01-11.B100	ADMIN ELECTRIC	415.51		
		06/03/22	2206000448	01-12.B100	PLANT ELECTRIC	2973.95	3389.46	063617
HYDROAIRE SERVICE INC.	H000580	05/11/22	17487	01-12.B505	RAW SEWAGE PUMP 3 REPAIR	10778.00	10778.00	104074
IDEA MARKETING GROUP	I000030	06/01/22	R12833	01-11.B115	MONTHLY WEB HOSTING	95.00	95.00	063618
IMPACT NETWORKING INC.	I000400	05/20/22	2551454	01-11.B115	COPIER SERVICE	77.00	77.00	104075
INFOSEND, INC.	I000415	05/31/22	213426	01-11.B121	MAILING SERVICES	4122.60	4122.60	104076
JJ SUPERIOR METAL	J000015	05/31/22	14902	01-12.B811	MICROSTRAIN BDG DOWNSPOUT	159.00	159.00	063619
John Crane Inc.	J000120	05/04/22	22A103098	01-12.B510	SLDG RECIRC PMP 5 REPAIR	385.89	385.89	063620
JUST TIRES	J000300	05/20/22	0000034048	01-12.C225	#307 LS TRUCK NEW TIRES	938.52	938.52	063621
KANSAS CITY LIFE INSURANCE CO	K000045	06/01/22	14887	01-17.E455	LIFE INSURANCE	391.00	391.00	104077
KARA COMPANY INC.	K000053	06/01/22	367583	01-14.B116	WIRE FLAGS	124.79	124.79	104078

01 GENERAL FUND STANDARD CHECK REGISTER FOR 06/14/22

Date: 06/09/22  
Time: 10:57am

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
LAI, LTD	L000012	05/17/22	2219135	01-12.B505	RAW SEW PUMP 3 REPAIR	15308.61		
		05/20/22	2219328	01-12.B510	DIG 4/5 SLDG PMP REPAIR	1267.63	16576.24	104079
LIBERTY MUTUAL INSURANCE CO	L000026	05/12/22	999064373	01-17.E452	AS TRUSTEE BOND	200.00		
		05/12/22	999174483	01-17.E452	WVB TRUSTEE BOND	200.00	400.00	063641
LIFELINK EMS	L000240	05/25/22	052322	01-11.B113	CPR/STB TRAINING	215.00	215.00	104109
MAGNETROL INTERNATIONAL INC.	M000101	05/06/22	0912428	01-12.B502	HYPR BR TANK LEVEL METER	1575.93	1575.93	063642
MARSHALL-BOND PUMPS, INC	M000205	05/16/22	401780	01-12.B506	PRIM SLUDGE PUMP 4 PART	49.02	49.02	104080
MCMaster-CARR SUPPLY COMPANY	M000360	05/18/22	78404310	01-12.B505	WWTC TOOLS	205.65		
		05/19/22	78462301	01-12.B505	EX RAW SEW PUMP 7 PARTS	155.70		
		05/23/22	78601153	01-12.B512	SHOP DRILL BIT SET	164.48	525.83	104081
MENARDS - BOLINGBROOK	M000430	05/16/22	31183	01-11.B115	NEW ELECTRICAL SUB PANEL	343.26		
		05/17/22	31266	01-11.B115	2POLE BREAKER	63.84		
		05/25/22	31786	01-11.B118	OUTLET FOR GAZEBO	29.38		
		05/27/22	31876	01-11.B118	GAZEBO POWER OUTLET	34.96		
		06/06/22	32460	01-15.B527	VENARD TRANSFORMER UPGRD	31.11		
		06/07/22	32501	01-15.B527	VENARD TRANSFORMER UPGRD	52.00	426.87	063622
MICHAEL G PHILIPP, PC	M000510	05/16/22	1512	01-11.B124	LEGAL SERVICES	1020.00	1020.00	063623
MOTION INDUSTRIES, INC.	M000750	05/26/22	IL1000736713	01-12.B505	RAW SEW PUMP 3 REPAIR	505.05	505.05	104082
NCPERS GROUP LIFE INSURANCE	N000010	05/05/22	3266062022	01-17.E455	VOL LIFE INSURANCE	256.00	256.00	104083
NEOGEN CORPORATION	N000230	05/17/22	1179438	01-13.B114	LAB CHEMICALS	325.44	325.44	104084
NICOR GAS	N000330	05/16/22	15876210004	01-12.B101	PLANT 1 GAS	341.67		
		05/16/22	44976210003	01-12.B101	CHEM FEED GAS	178.66		
		05/18/22	51006900008	01-12.B101	PLANT 2 GAS	805.19		
		05/16/22	54916210002	01-11.B101	ADMIN GAS	166.64		
		05/16/22	87801017812	01-12.B101	WALNUT HOUSE GAS	130.81	1622.97	063624
NISSAN ENERGY INC	N000350	05/30/22	273	01-12.B513	CHP 2 ACTUATOR	2788.94	2788.94	104085
PACE ANALYTICAL	P000010	05/18/22	2240116497	01-13.B123	MONTHLY LAB TESTING	115.00	115.00	104086
pdblowsers Inc	P000160	05/26/22	74453	01-12.B513	UNISON SKID GAS COMPR	4415.21	4415.21	104087
PEERLESS NETWORK, INC	P000175	05/15/22	525297	01-11.B112	ADMIN PHONE SERVICE	344.78		
		05/15/22	525297	01-12.B112	PLANT PHONE SERVICE	780.86	1125.64	104088
PERFORMANCE CONSTRUCTION &	P000255	06/06/22	RETENTION	01-14.B901	1K-028 FLOW BASIN REHAB	14762.06	14762.06	104089
PETTY CASH	P000350	06/07/22	CASH BOX	01-11.B117	SUPV LUNCH	67.89		
		06/07/22	CASH BOX	01-11.B119	OVERNIGHT TO HOME DEPOT	38.72		
		06/07/22	CASH BOX	01-12.B117	SA CDL	30.00		
		06/07/22	CASH BOX	01-13.B114	ICE FOR LAB	11.17		
		06/07/22	CASH BOX	01-14.B117	REG FOR EXPO AH & DC	100.00	247.78	063625
PHENOVA	P000360	05/10/22	182241	01-13.B114	LAB SUPPLIES	229.00		
		05/19/22	182737	01-13.B114	LAB SUPPLIES	396.00	625.00	104090
POLYDYNE INC.	P000395	05/27/22	1645039	01-12.B402	BELT PRESS POLYMER	3074.04	3074.04	104091
PORTABLE JOHN, INC	P000410	05/25/22	264015	01-12.B812	PORTABLE JOHN RENTAL	173.89	173.89	104092
PORTER PIPE AND SUPPLY CO.	P000420	05/23/22	1240515900	01-12.B510	PVC BALL VALVES	175.86	175.86	104093
PRINCIPAL LIFE INSURANCE CO	P000650	06/01/22	109309910001	01-17.E455	DENTAL INSURANCE	2646.14	2646.14	104094
RAINBOW ELECTRIC, LLC	R000070	05/23/22	1219747	01-15.B524	HOBSON PUMP 2 MTR REPAIR	3994.00	3994.00	104095
RENTALMAX ADMINISTRATION	R000250	05/18/22	5298735	01-12.B116	FORK LIFT FUEL	33.69	33.69	063643
Republic Services #551	R000264	05/15/22	055101524991	01-12.B102	WASTE CONTAINER RENTAL	72.36		
		05/15/22	055101542991	01-12.B102	GRIT SCREEN DUMPSTER	72.36		

# 01 GENERAL FUND STANDARD CHECK REGISTER FOR 06/14/22

Date: 06/09/22  
Time: 10:57am

===== VENDOR =====		===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		05/31/22	055101544120	01-12.B102	GRIT SCREEN DUMPSTER	1037.29		
		05/31/22	436500002748	01-12.B102	SWR GRIT/SPNT MD LANDFILL	7521.91	8703.92	063626
REVERE ELECTRIC	R000275	05/19/22	S45678514000	01-15.B527	VENARD TRANS CONDUIT	839.75		
		05/18/22	S4677683001	01-12.B512	ELECTRIC REPAIR SUPPLIES	356.31	1196.06	063627
ROADSAFE	R000360	04/22/22	RT367879	01-14.B910	TRAFFIC CONTROL	2500.00		
		04/22/22	RT367880	01-14.B910	TRAFFIC CONTROL	1250.00		
		04/22/22	RT367881	01-14.B910	TRAFFIC CONTROL	2550.00	6300.00	063628
SEAWAY SUPPLY CO.	S000200	05/12/22	18019701	01-12.B116	WWTC SUPPLIES	109.80		
		05/16/22	182030	01-12.B512	MAINT REPAIR SUPPLIES	309.71		
		05/16/22	182536	01-12.B116	WWTC SUPPLIES	163.00		
		05/27/22	182991	01-12.B116	WWTC SUPPLIES	183.75		
		05/27/22	182992	01-13.B116	LAB SUPPLIES	32.00	798.26	104096
SELECTIVE INSURANCE COMPANY	S000210	05/25/22	417147515	01-17.E452	WC & COMMERCIAL INS	210111.00	210111.00	063629
SMARTSIGN	S000432	05/26/22	SMT497289	01-11.B113	REFLECTIVE SIGNS	191.72	191.72	063630
SOLENIS LLC	S000450	05/31/22	132036326	01-12.B401	WAS THICKENER POLYMER	4789.19	4789.19	104097
SOUND INCORPORATED	S000480	05/20/22	D1359947	01-11.B115	PHONE SYSTEM REPAIR	232.50	232.50	104098
SOUTHLAND ELECTRICAL SUPPLY	S000493	05/17/22	3205668	01-11.B115	ADMIN ELEC UPGRADE	55.09		
		05/19/22	3206056	01-11.B115	ADMIN CTR BREAKERS	53.99		
		05/24/22	3206349	01-11.B115	RETURNED ADMIN ELEC SUP	41.10-	67.98	104099
STAPLES INC.	S000640	05/09/22	3509117921	01-11.B116	SOAP REFILLS/DISPENSERS	163.96		
		05/09/22	3509117921	01-12.B116	SOAP REFILLS/DISPENSERS	163.96		
		05/09/22	3509117923	01-11.B116	OFFICE SUPPLIES	52.83		
		05/09/22	3509117923	01-14.B116	GRAPH PAPER	45.45		
		05/11/22	3509117924	01-11.B115	DESK CALCULATOR MJ	67.49		
		05/12/22	3509117925	01-11.B116	BUSINESS CARD PAPER	37.53		
		05/18/22	3509117926	01-12.B116	MAINTENANCE SUPPLIES	79.89	611.11	104100
STEPHENS PLUMBING AND	S000680	05/18/22	247178	01-14.B910	SEWER REPAIR	820.70	820.70	063631
STEVENSON CRANE SERVICE, INC.	S000720	05/31/22	243161	01-15.B524	HOBSON PUMP 2	795.00	795.00	104101
STEWART SPREADING, INC.	S000780	05/31/22	3014	01-12.B131	BIOSOLIDS HAUL/LAND APP	34004.88	34004.88	063632
SUBURBAN DOOR CHECK & LOCK	S000850	05/24/22	IN548181	01-12.B116	KEY REPLACEMENTS	27.30		
		05/24/22	IN548183	01-14.B116	KEY REPL OUTFALL ACCESS	10.00	37.30	104102
TERRACE SUPPLY COMPANY	T000250	05/31/22	01036821	01-12.B116	CYLINDER RENTAL	55.80	55.80	104103
THERMO FISHER SCIENTIFIC	T000280	05/07/22	SLS26022805	01-13.B115	GENPURE ULTRAFILTER	1069.15	1069.15	063633
PERSONAL BEST	T000340	04/28/22	633067	01-11.B137	TOP HEALTH WEB	110.88	110.88	063644
USABLUBOOK	U000150	05/17/22	982483	01-13.B116	LAB SUPPLIES	176.40	176.40	063634
AMY UNDERWOOD	U000189	05/19/22	REIMBURSE	01-11.B117	CSWEA ANNUAL MEETING	422.74	422.74	104104
UNDERCUTTERS	U000190	05/26/22	052622	01-12.B812	TREE & STUMP REMOVAL	480.00	480.00	063635
UNITED PARCEL SERVICE	U000300	04/23/22	00003Y009117	01-11.B119	SHIPPING SERVICE	18.03		
		05/07/22	00003Y009119	01-12.B812	SHIPPING SERVICES	37.31		
		05/14/22	00003Y009120	01-13.B123	SHIPPING SERVICE	85.29		
		05/21/22	00003Y009121	01-14.B115	SHIPPING SERVICE	30.61		
		05/28/22	00003Y009122	01-12.B812	SHIPPING SERVICES	61.98	233.22	063636
UNO CONSTRUCTION CO., INC.	U000450	05/01/22	MAY2022	01-14.B910	BSSRAP PROGRAM	73842.90	73842.90	104105
VWR INTERNATIONAL INC.	V000030	05/17/22	8808517853	01-13.B116	LAB SUPPLIES	229.96		
		05/17/22	8808517854	01-13.B116	LAB SUPPLIES	318.79		
		05/19/22	8808546922	01-13.B114	LAB SUPPLIES	307.58		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		05/19/22	8808546923	01-13.B116	LAB SUPPLIES	77.95	934.28	063637
VERIZON WIRELESS	V000135	05/31/22	9907614586	01-11.B112	ADMIN CELL PHN SERVICE	257.10		
		05/31/22	9907614586	01-12.B112	WWTC CELL PHN SERVICE	925.58		
		05/31/22	9907614586	01-13.B112	LAB CELL PHN SERVICE	148.26		
		05/31/22	9907614586	01-14.B112	SS CELL PHN SERVICE	458.99		
		05/31/22	9907614586	01-15.B112	LS CELL PHN SERVICE	272.96		
		05/31/22	9907779032	01-12.B112	WWTC TABLET SERVICE	119.21		
		05/31/22	9907779032	01-14.B112	SS TABLET SERVICE	87.48		
		05/31/22	9907779032	01-15.B112	LS TABLET SERVICE	36.01	2305.59	063638
WAGNER COMMUNICATIONS, INC	W000070	05/01/22	000025598481	01-11.B112	ANSWERING SERVICE	420.50	420.50	104106
WASTE MANAGEMENT SERVICES, INC.	W000170	05/31/22	144357292370	01-12.B102	RECYCLING SERVICE	144.00	144.00	063645
WESTFAX	W000350	06/01/22	1394648	01-11.B112	FAX SERVICE	8.99	8.99	104107
VILLAGE OF WESTMONT	W000450	05/09/22	717577	01-11.B121	METER READINGS	370.01	370.01	063639
						=====	=====	
Total Payments:						506013.49	506013.49	
ACH Payments Total:						187240.66	.00	
Check Payments Total:						318772.83	506013.49	

01 GENERAL FUND MANUAL CHECK REGISTER FOR 06/14/22

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CHASE	B000050	05/20/22	PR051422	01-00.2000	FEDERAL TAX WITHHELD	9505.59		
		05/20/22	PR051422	01-00.2002	EMPL SOC SEC TAX	6825.29		
		05/20/22	PR051422	01-17.E461	EMPLR SOC SEC TAX	6825.27	23156.15	104034
CHASE	B000050	05/17/22	PR051522	01-00.2000	FEDERAL TAX WITHHELD	3772.99		
		05/17/22	PR051522	01-00.2002	EMPL SOC SEC TAX	2534.47		
		05/17/22	PR051522	01-17.E461	EMPLR SOC SEC TAX	2534.51	8841.97	104035
CHASE	B000050	06/06/22	PR052822	01-00.2000	FEDERAL TAX	9035.07		
		06/06/22	PR052822	01-00.2002	EMPL SOC SEC TAX	6571.04		
		06/06/22	PR052822	01-17.E461	EMPLR SOC SEC TAX	6571.01	22177.12	104044
CHASE	B000050	06/06/22	SPR053122	01-00.2000	FEDERAL TAX	3757.75		
		06/06/22	SPR053122	01-00.2002	EMPL SOC SEC TAX	2518.36		
		06/06/22	SPR053122	01-17.E461	EMPLR SOC SEC TAX	2518.37	8794.48	104045
D.G. SANIT DIST #XXXXXXXXX1117	D000400	06/15/22	REIMBURSE	01-00.1001	PAYROLL REIMBURSEMENT	156324.22	156324.22	104055
D.G. SANIT DIST #XXXXXXXXX1114	D000420	06/15/22	REFUNDS	01-05.3001	SEWER REFUNDS	3130.90	3130.90	104050
D.G. SANIT DIST #XXXXXXXXX1112	D000440	06/15/22	REIMBURSE	01-12.B117	NP VIRTUAL CONFERENCE	180.00		
		06/15/22	REIMBURSE	01-12.B513	CHP BATTERY	366.00		
		06/15/22	REIMBURSE	01-14.B910	RODDING FEE REFUND	788.26		
		06/15/22	REIMBURSE	01-17.E452	NOTARY RECORD SIGN MJ	10.00		
		06/15/22	REIMBURSE	01-17.E455	HRA ACCT FEES	15.96	1360.22	104053
DUPAGE CREDIT UNION	D000650	05/20/22	PR051422	01-00.2013	EMPL AUTHORIZED W/HOLDING	2419.00	2419.00	104033
DUPAGE CREDIT UNION	D000650	06/03/22	PR052822	01-00.2013	EMPL AUTHORIZED W/HOLDING	2419.00	2419.00	104043
FULL SOURCE, LLC	F000510	05/25/22	FS7217027PQ	01-11.B117	ADMIN POLOS	84.51		
		05/25/22	FS7217027PQ	01-12.B117	WWTC POLOS	337.60		
		05/25/22	FS7217027PQ	01-13.B117	LAB POLOS	101.28		
		05/25/22	FS7217027PQ	01-14.B117	SS POLOS	303.84	827.23	630590
GRAVITY WIZ	G000529	05/03/22	PAYPAL	01-11.B115	DGSD WEBSITE PLUG IN	129.00	129.00	104051
HEALTH CARE SERVICE CORP.	H000190	06/08/22	165585	01-17.E455	HEALTH INSURANCE	49047.26	49047.26	104057
HOME DEPOT	H000400	06/03/22	VARIOUS	01-12.B116	SEE SHEET	23.94		
		06/03/22	VARIOUS	01-12.B503	SEE SHEET	39.94		
		06/03/22	VARIOUS	01-12.B807	SEE SHEET	18.55		
		06/03/22	VARIOUS	01-12.B810	SEE SHEET	432.86		
		06/03/22	VARIOUS	01-12.B811	SEE SHEET	17.12	532.41	063593
ILLINOIS DEPARTMENT OF REVENUE	I000240	05/20/22	PR051422	01-00.2001	STATE TAX WITHHELD	4123.93	4123.93	104036
ILLINOIS DEPARTMENT OF REVENUE	I000240	05/18/22	SPR051522	01-00.2001	STATE TAX WITHHELD	1549.71	1549.71	104037
ILLINOIS DEPARTMENT OF REVENUE	I000240	06/06/22	SPR053122	01-00.2001	STATE TAX WITHHELD	1545.46	1545.46	104046
ILLINOIS DEPARTMENT OF REVENUE	I000240	06/06/22	PR052822	01-00.2001	STATE TAX WITHHELD	3973.49	3973.49	104049
ILLINOIS MUNICIPAL	I000300	06/08/22	PENSION	01-00.2003	EMPL PENSION DEPOSIT	10953.23		
		06/08/22	PENSION	01-00.2014	EMPL VOL PENSION DEPOSIT	10581.40		
		06/08/22	PENSION	01-17.E460	EMPLR PENSION DEPOSIT	22198.60	43733.23	104042
INVOICE CLOUD	I000750	05/31/22	60720225	01-11.B121	BILLER PORTAL	525.90	525.90	104052
MIDAMERICA ADMIN HRA ACCOUNT	M000557	05/27/22	HRAFUNDING	01-17.E455	HRA ACCT FUNDING	600.00	600.00	104041
John M. & Suzanne Suker	S000877	06/08/22	REIMBURSE	01-14.B129	BURP REIMBURSE	530.00	530.00	063595
Sunstar Downers Inc	S000878	05/27/22	REFUND	01-05.3001	USER REFUND - OVERPAY	595.28	595.28	063592
TRANSAMERICA RETIREMENT	T000415	05/20/22	PR051422	01-00.2026	DEF COMP IPPFA	426.01		
		05/20/22	PR051422	01-00.2027	DEF COM ROTH IPPFA	200.00		
		05/20/22	PR051422	01-00.2028	DEF COMP LOAN REPAY IPPFA	234.80	860.81	104038

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
TRANSAMERICA RETIREMENT	T000415	05/17/22	SPR051522	01-00.2026	DEF COMP IPPFA	231.43		
		05/17/22	SPR051522	01-00.2027	DEF COMP ROTH IPPFA	40.00		
		05/17/22	SPR051522	01-00.2028	DEF COMP LOAN REPAY IPPFA	77.06	348.49	104039
TRANSAMERICA RETIREMENT	T000415	06/03/22	PR052822	01-00.2026	DEF COMP IPPFA	290.54		
		06/03/22	PR052822	01-00.2027	DEF COMP ROTH IPPFA	200.00		
		06/03/22	PR052822	01-00.2028	DEF COMP LOAN REPAY IPPFA	234.80	725.34	104047
TRANSAMERICA RETIREMENT	T000415	06/03/22	SPR053122	01-00.2026	DEF COMP IPPFA	115.75		
		06/03/22	SPR053122	01-00.2027	DEF COMP ROTH IPPFA	40.00		
		06/03/22	SPR053122	01-00.2028	DEF COMP LOAN REPAY IPPFA	77.06	232.81	104048
U.S. POSTAL SERVICE	U000130	06/02/22	REFILL	01-11.B119	POSTAGE	1000.00	1000.00	104054
WASTE MANAGEMENT SERVICES, INC.	W000170	05/25/22	003946647199	01-12.B102	GARBAGE/RECYCLING	396.86	396.86	063591
						=====	=====	
Total Payments:						339900.27	339900.27	
ACH Payments Total:						337018.49	.00	
Check Payments Total:						2881.78	339900.27	

===== VENDOR =====			===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
BAXTER & WOODMAN, INC.	B000120	05/23/22	0234630	02-47.0504	CENTEX PS REPLACEMENT CS	1260.00	1260.00	104108	
						=====	=====		
					Total Payments:	1260.00	1260.00		
					ACH Payments Total:	1260.00	.00		
					Check Payments Total:	.00	1260.00		

DATE \_\_\_\_\_

REVIEWED \_\_\_\_\_

TRUSTEE APPROVAL \_\_\_\_\_

PRESIDENT

CLERK

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		845913.76-
01-00.1001	CASH - PAYROLL ACCOUNT	156324.22	
01-00.2000	FEDERAL TAX WITHHELD	26071.40	
01-00.2001	STATE TAX WITHHELD	11192.59	
01-00.2002	SOCIAL SECURITY WITHHELD	18449.16	
01-00.2003	IMRF WITHHELD	10953.23	
01-00.2013	CREDIT UNION WITHHELD	4838.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	10581.40	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	1063.73	
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	3726.18	
01-11.B100	ELECTRICITY	589.70	
01-11.B101	NATURAL GAS	166.64	
01-11.B110	BANK CHARGES	25.80	
01-11.B112	COMMUNICATION	1966.27	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	744.57	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	5597.42	
01-11.B116	SUPPLIES	311.27	
01-11.B117	EMPLOYEE/DUTY COSTS	575.14	
01-11.B118	BUILDING AND GROUNDS	12248.54	
01-11.B119	POSTAGE	1056.75	
01-11.B120	PRINTING/PHOTOGRAPHY	663.36	
01-11.B121	USER BILLING MATERIALS	5902.37	
01-11.B124	CONTRACT SERVICES	7962.52	
01-11.B137	MEMBERSHIPS/SUBSCRIPTIONS	110.88	
01-11.C225	OPERATION/REPAIR	8.33	
01-12.B100	ELECTRICITY	4249.85	
01-12.B101	NATURAL GAS	1456.33	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	9244.78	
01-12.B112	COMMUNICATION	1990.41	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	978.04	
01-12.B116	SUPPLIES	1763.30	
01-12.B117	EMPLOYEE/DUTY COSTS	843.17	
01-12.B131	SLUDGE HAULING/DISPOSAL SERVICES	34004.88	
01-12.B401	CHEMICALS - DISINFECTION	4789.19	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	3074.04	
01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	1839.22	
01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	1011.94	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	27039.04	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	49.02	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	1880.90	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	1497.43	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	7570.15	
01-12.B807	BLDG AND GROUNDS - SECONDARY TREATMENT	18.55	
01-12.B810	BLDG AND GROUNDS - SLUDGE DIGESTION	432.86	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	176.12	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	9047.18	
01-12.C225	OPERATION/REPAIR	963.51	
01-13.B112	COMMUNICATION	148.26	
01-13.B114	CHEMICALS	2033.65	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	1269.15	
01-13.B116	SUPPLIES	1285.10	
01-13.B117	EMPLOYEE/DUTY COSTS	101.28	
01-13.B123	OUTSIDE LAB SERVICES	429.49	
01-14.B112	COMMUNICATION	546.47	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	18644.34	
01-14.B116	SUPPLIES	193.19	
01-14.B117	EMPLOYEE/DUTY COSTS	461.33	
01-14.B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGES	530.00	
01-14.B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	14762.06	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	2453.75	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	83626.05	
01-14.C225	OPERATION/REPAIR	223.56	
01-15.B100	ELECTRICITY	10888.80	
01-15.B112	COMMUNICATION	363.28	
01-15.B523	EQPT/EQPT REPAIR - EARLSTON	66.80	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	4789.00	
01-15.B526	EQPT/EQPT REPAIR - NORTHWEST	143.97	
01-15.B527	EQPT/EQPT REPAIR - VENARD	922.86	
01-15.B528	EQPT/EQPT REPAIR - WROBLE	197.35	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	137.80	
01-15.B821	BLDG AND GROUNDS - CENTEX	137.80	
01-15.B823	BLDG AND GROUNDS - EARLSTON	137.80	
01-15.B824	BLDG AND GROUNDS - HOBSON	137.80	
01-15.B825	BLDG AND GROUNDS - LIBERTY PARK	137.80	
01-15.B826	BLDG AND GROUNDS - NORTHWEST	137.80	
01-15.B827	BLDG AND GROUNDS - VENARD	137.80	
01-15.B828	BLDG AND GROUNDS - WROBLE	137.80	
01-17.E452	LIABILITY/PROPERTY	210521.00	
01-17.E455	EMPLOYEE GROUP HEALTH	53409.76	
01-17.E460	IMRF	22198.60	
01-17.E461	SOCIAL SECURITY	18449.16	
02-00.1000	CASH		1260.00-
02-47.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	1260.00	
		=====	
		847173.76	847173.76-

Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	Item Description
Grainger	05/12/22	\$96.67	01-12.B116	WWTC SUPPLIES	Delivered	ST		Supplies	Touchless Vehicle Detergent
Grainger	05/12/22	\$31.01	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JPB		Maintenance Repair Supplies	Hardware & Plumbing Supplies
Grainger	05/13/22	\$8.68	01-12.B116	WWTC SUPPLIES	In-Store	MR		Supplies	(4) 1.5V Button Batteries
Grainger	05/17/22	\$293.00	01-13.B116	LAB SUPPLIES	Delivered	DRB		Lab Supplies	Specimen Container
Grainger	05/18/22	\$45.09	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	RF		Electrical Supplies	Concrete Anchors & Hex Bits
Grainger	05/18/22	\$46.05	01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	In-Store	FF		Excess Flow Raw Sewage Pump 7 Discharge Check Valve	1-7/8" Impact Socket
Grainger	05/19/22	\$25.51	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Tool Replacements, Worn & Broken	Drive Pin Punch Set
Grainger	05/23/22	\$17.26	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	AC		Maintenance Repair Supplies	Hardware & Plumbing Supplies
Grainger	05/23/22	\$53.04	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	AC		Safety Equipment	Replacement Face Shield & Kneeling Pad
Grainger	05/24/22	\$141.10	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Electrical Repair Supplies	(5) Outdoor Photo Control Eyes for Lighting Control
Grainger	05/24/22	\$38.42	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Electrical Repair Supplies	Hammer Drill Bit & Hex/Fender Washers
Grainger	05/25/22	\$9.89	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Maintenance Repair Supplies	Uni-Strut Washers
Grainger	05/27/22	\$51.52	01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	Delivered	MM			Button head grease fittings
Grainger	05/27/22	\$2.88	01-12.B116	WWTC SUPPLIES	Delivered	MM			Breather vent for Compressor
Grainger	05/27/22	\$173.06	01-12.B116	WWTC SUPPLIES	Delivered	MM			Attack Line Fire Hose
Grainger	06/01/22	\$9.68	01-12.B116	WWTC SUPPLIES	Delivered	MM			Breather vent for Compressor
Grainger	06/01/22	\$306.55	01-13.B114	CHEMICALS	Delivered	DRB		Supplies	Lysine Iron Agar
Grainger	06/01/22	\$90.60	01-12.B116	WWTC SUPPLIES	Delivered	MM			Replacement no- trespassing signs for plant fence line
Grainger	06/02/22	\$90.46	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JPB		Maintenance Repair Supplies	Hardware & Plumbing Supplies
Home Depot	05/17/22	\$54.02	01-11.B116	ADMIN SUPPLIES	In-Store	CP		Supplies	Bug Spray & Insect Foggers
Home Depot	05/27/22	\$42.91	01-12.B116	WWTC SUPPLIES	In-Store	CP		Cleaning Supplies	(2) Brooms & Large Dust Pan
Home Depot	05/26/22	\$11.96	01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	In-Store	DJ		BSSRAP	Coupling
Home Depot	05/25/22	\$8.20	01-11.B115	ADMIN EQUIPMENT/EQUIPMENT REPAIR	In-Store	RF		Administration Center Electric Repairs	Reducing Washers for Lighting Panel
Home Depot	05/24/22	\$19.45	01-11.B115	ADMIN EQUIPMENT/EQUIPMENT REPAIR	In-Store	RF		Administration Center Electric Repairs	1900 Box, EMT Straps, Box Cover
Home Depot	05/13/22	\$37.08	01-12.B116	WWTC SUPPLIES	In-Store	CP		Supplies	6 Tubes of DynaFlex & Silicone Caulk
Home Depot	05/13/22	\$43.44	01-11.B118	ADMIN BUILDING & GROUNDS	In-Store	FF		Shelving for Janitor Closet	(6) Heavy Duty Shelf Brackets
Home Depot	05/13/22	\$45.71	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	FF		Tool Replacements, Worn & Broken	Masonry Chisels & Drill Bit Set
Home Depot	05/13/22	\$12.95	01-14.B116	SEWER SYSTEM SUPPLIES	In-Store	DJ		Supplies	Broom & Febreeze
Home Depot	05/20/22	\$4.69	01-11.B115	ADMIN EQUIPMENT/EQUIPMENT REPAIR	In-Store	RF		Administration Center Electric Repairs	Knockout Filler Plugs
Home Depot	05/19/22	\$5.88	01-11.B115	ADMIN EQUIPMENT/EQUIPMENT REPAIR	In-Store	RF		Administration Center Electric Repairs	1900 Box Cover Plates
Home Depot	05/18/22	\$47.88	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	CP		Painting Supplies	Hammered Rust Stop Paint & Spray Paint
Home Depot	05/18/22	\$56.75	01-11.B115	ADMIN EQUIPMENT/EQUIPMENT REPAIR	In-Store	RF		Electrical Supplies	Administration Center Electrical Upgrade for Remodeling Project

Date: 6/7/2022  
Due Date: 6/14/2022  
Invoice #: Reimburse

Petty Cash Checking Reimbursement

D-440

Date	Purchased From	Description	Code	Amount	Ck No.
05/20/22	Interstate Battery	CHP Battery	12B513	366.00	3770
05/23/22	IWEA	NP Virtual Conference	12B117	180.00	3771
05/24/22	DuPage County Clerk	Notary Record Signature MJ	17E452	10.00	3772
05/24/22	Ahmed & Sana Alkuyam	Rodding Fee Refund	14B910	394.13	3773
05/24/22	Daniel & Georgia Casciato	Rodding Fee Refund	14B910	394.13	3774
06/01/22	United States Treasury	HRA Acct Fees	17E455	15.96	3775

Total Receipts/Reimbursement 1360.22

Expense by code

12B117	180.00
12B513	366.00
14B910	788.26
17E452	10.00
17E455	15.96
	<u>1360.22</u>

**P - 350**

**Invoice #: Cash Box**

### Expense by code

11B117	67.89
11B119	38.72
12B117	30.00
13B114	11.17
14B117	100.00
	247.78

## **OPERATIONS REPORT - REVENUES**

June 10, 2022

### **OVERALL REVENUE SUMMARY**

The Downers Grove Sanitary District receives its revenues from a multitude of sources, some of those sources are consistently predictable, while others cannot be relied upon for budgeting purposes as they vary greatly from year to year. This analysis looks back at the last ten years of historical revenue data (i.e., FY 2012-13 to FY 2021-22) and also includes the budgeted numbers for FY 2022-23 for comparison.

Exhibit 1 displays the revenue sources for the District under the appropriate Fund. A grand total can be found at the bottom along with an analysis of the percentage change in overall revenue from year to year. A large portion of the revenue that the District received in FY 2021-2022 is represented by revenue sources allocated to the General Corporate Fund (Fund 01), such as User Receipts, Monthly Service Fees and Real Estate Tax Levy. The pie chart on Exhibit 2 indicates that Fund 01 revenues are responsible for 93% of the District's revenue base, while Improvement Fund (Fund 02) and Construction Fund (Fund 03) represent 4% and 2%, respectively. The Public Benefit Fund (Fund 05) revenue was negligible in FY 2021-22 .

### **GENERAL CORPORATE FUND REVENUES**

#### **Summary**

The primary sources of revenue for the General Corporate Fund (Fund 01) are User Receipts, Monthly Service Fees and Real Estate Taxes. A table displaying the revenues allocated to the General Corporate Fund can be found on Exhibit 3 along with a pie chart on Exhibit 4 indicating the proportionate share each category represents of the total fund revenues and a line chart on Exhibit 5 showing the progression of total Fund 01 revenue over the last ten years.

#### **Analysis by Revenue Type**

##### **User Receipts**

All District customers' bills have at a minimum two components: user rate and a monthly service fee. The user rate is a volume-based charge. The District purchases water meter data from the municipalities where our customers reside in order to bill them. Residential customers with non-metered water are billed on a flat monthly charge based on 8,000 gallons. The District's billing system automatically reviews residential meter readings, comparing winter and summer water usage. If a customer's summer usage is greater than 150% of their winter usage, our system will bill the customer 150% of their winter usage. If the summer usage is less than 150% of the winter usage, the customer will be billed for their actual summer usage.

Prior to FY 2016-17, the District's user receipts were the single greatest source of revenue for the District. Starting in FY 2016-17, the monthly service fees surpassed the user receipts, making the user receipts a close second in revenue generated. In FY 2021-22, user receipts were 37% of Fund 01 revenues and 34% of total revenues. The user rate was held constant at \$1.65 for 11 years (FY 2008-09 – FY 2018-19) before gradually being increased annually to the current rate of \$2.05 per 1,000 gallons of water consumption. Whether and how much to increase the user rate is determined annually using the District's Cost-of-Service spreadsheet model. Staff will give an Operations Report on the Cost-of-Service model in the future.

A comparison of user receipts to billable flow can be found on Exhibit 6. The total billable flow across the last ten years has dropped from a FY 2012-13 average value of 2,105,355,939 to the FY 2021-22 average value of 1,849,548,138. As well, the average daily billable flow across the last ten years has dropped an average value of 5.768 MGD to 5.067 MGD. The downward trend in billable flow was reversed in FY 2020-21. The summer usage adjustments increased significantly in FY 2020-21, possibly by customers who were at home more than in a normal year due to the COVID pandemic and therefore had more time to focus on their lawns. Utilities' efforts at reducing water consumption are expected to continue to result in future reductions in billable flow. The District therefore typically projects user receipts assuming a 2% per year reduction in billable flow. The historical data of the total annual user receipts, billable flow and monthly service fees have been charted in Exhibit 7 for comparison.

### Surcharges

Commercial and industrial customers pay surcharges for discharges which are in excess of normal domestic waste strengths (200 mg/l BOD and 250 mg/l SS). The surcharge rates were last increased in April 2022 to \$0.31 per lb BOD and \$0.41 per lb SS. The District's revenues from surcharges have been fairly consistent over the last ten years, even with increases in the surcharge rates in FY 2013-14, FY 2018-19 and FY 2020-21.

Surcharge rates are reviewed annually using the District's Cost-of-Service model. The model determines the actual cost of treatment per lb of BOD and per lb of SS so that surcharge rates can be adjusted to fairly bill commercial and industrial customers in comparison to what residential customers are paying through the user rate charge.

The District has a surcharge sampling program where customers' wastewater is sampled on a five-year rotation. For surcharge customers who have sampling manholes, surcharges are based on the actual strength of the wastewater. Those who do not have sampling manholes are surcharged on an assumed waste strength of 1,225 mg/L BOD and 636 mg/L SS.

### Monthly Service Fees

A summary of the monthly service fees, both the rate and total revenue collected, is provided in Exhibit 8. The monthly service fee is currently set at \$19.00 per month (\$228.00 per year) and was last increased in April 2022. The monthly service fee was first implemented in 1998 and has been gradually increased since that time to keep pace with increased District expenses and services. The monthly service fee is now the single largest revenue source for the District at 39% of both the Fund 01 revenue and the overall revenues. Whether and how much to increase the user rate is determined annually using the District's Cost-of-Service spreadsheet model.

In FY 2021-22, a portion of the monthly service fees was transferred to the Improvement Fund (Fund 02) to provide funding for the Centex Lift Station, which is being replaced due to age. The split of monthly service fees between Fund 01 and Fund 02 is shown in Exhibit 8.

### Plan Review Fees

Plan review fees are assessed based upon the estimated construction cost of proposed sanitary sewer extensions.

### Construction Inspection Fees

Construction inspection fees represent the cost of inspections by District personnel of sanitary sewer extensions. These fees represent less than 1% of the District's Fund 01 revenues.

### Permit Inspection Fees

The cost of inspections by District personnel of service connections and new building construction is recovered from permit inspection fees. These fees represent less than 1% of the District's Fund 01 revenues.

### Interest

Interest is budgeted based on the average fund balance each year. Historically, interest was projected using interest rates ranging from 1% to 3%. Due to the decline in interest rates over the past two years, interest was projected for FY 2022-23 using an interest rate of 0.16%. Interest represents less than 1% of the District's Fund 01 revenues.

### 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 increased annually proportional with the wages of employees. These fees represent 1% of the District's Fund 01 revenues.

### Real Estate Taxes

The real estate tax levy is included in the general corporate fund and is utilized for sewer system repairs and replacements and repayment of the loans received in FY 2009-10, FY 2010-11 and FY 2011-12 under the American Recovery and Reinvestment Act of 2009 (through IEPA's Water Pollution Control Loan Program). These levies are typically increased by 5% each year, in accordance with the tax cap limitation. An analysis of the real estate tax levies for the last ten years and how the tax cap has impacted the District's levy can be found in Exhibit 9. This is one of the most consistent sources of revenue for the District as it predictably increases more or less at the same rate from year to year. These taxes represent 13% of the District's Fund 01 revenues.

### Television Inspection Fees

Television inspection fees are assessed to developers for the costs of televising new sewers prior to the expiration of the one-year warranty period. The District has not received these fees in the last five years.

### Replacement Taxes

Replacement taxes are revenues collected by the state of Illinois through traditional taxing structures (income and sales) and paid to local governments to replace money that was lost by local governments when their powers to impose personal property taxes on corporations, partnerships, and other business entities were taken away. These taxes are intended to be used to fund sewer system repairs. This source of revenue varies from year to year. A history of the Replacement taxes the District has received can be found on Exhibit 10, which includes five and ten year averages shown all the way to the right. Historically, these taxes have represented less than 1% of the District's Fund 01 revenues. In FY 2021-22, however, these taxes represented 2% of the Fund 01 revenue. This was due to legislative changes, statutory transfer from the Income Tax Refund Fund to the Personal Property Tax Fund, annual business income tax reconciliation of tax payments and returns, the April 2020 payment deadline extension and the pandemic significantly effecting cashflow patterns.

### 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. The Village's lease payment is calculated on an annual basis taking into consideration the Consumer Pricing Index variation from the previous year. These payments represent less than 1% of the District's Fund 01 revenues.

## Miscellaneous

Miscellaneous revenues include revenues from levying and collecting special assessments, fees to administer recapture agreements, and costs received for other District services. This melting pot of revenue sources changes drastically from year to year with the three reliable sources of revenue represented by Annexation Applications, Recapture Agreements and periodical Scrap Sales, as detailed on Exhibit 11. The average for the last five years from these three consistent sources of this type of revenue is \$5,376.66. A new source of miscellaneous revenue, which was a significant source of this type of revenue in FY 2021-22, is the Emergency Capacity Demand Response Program. The District received \$12,344.03 for curtailing our power usage by running on emergency generators at the WWTC, Hobson Lift Station, Northwest Lift Station and Wroble Lift Station for one hour during the test event. No emergency events occurred last year.

Miscellaneous revenues represent less than 1% of the District's Fund 01 revenues.

## Grease Waste

The District started accepting hauled restaurant grease trap waste in FY 2010-11 with the long-term objective of significantly increasing our digester gas production and becoming energy neutral by burning it in CHP engines to produce electricity. The District charges \$0.05 per gallon to accept the grease waste. This rate has never been increased. The volume of grease accepted has increased as CHP units were installed. A history of the grease waste revenue the District has received can be found on Exhibit 12. The decrease in revenue in FY 2020-21 was 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, as can be seen in the FY 2021-22 revenue. Grease waste revenues represents 2% of the District's Fund 01 revenues.

## Renewable Energy Credits

Renewable energy credits (RECs) can be sold for power generated on the new CHP-1, which was started up in 2021. Historic REC income was from the old CHP-1 (i.e., the Tech 3 engine) which failed in 2019. The District cannot sell RECs for CHP-2 as it is prohibited in our grant agreement with the Illinois Clean Energy Community Foundation (ICECF). REC revenues represent less than 1% of the District's Fund 01 revenues.

## Grants and Incentives

Historically, grants and incentives were included under Miscellaneous revenue. Due to large than typical revenue of this type in Fund 01, this revenue code was created in FY 2021-22 to track revenues received from grants and incentives, which were expected to be significant in FY 2021-22 and FY 2022-23. The first two incentive payments from the ComEd Energy Efficiency program for operation of the new CHP unit were received in FY 2021-22, and the third is expected in FY 2022-23. The anticipated federal funding

for the Curtiss St inceptor lining project is reflected in the FY 2022-23 budget value shown in Exhibit 3.

### Sale of Electricity

The District sells any electricity produced in excess of what the WWTC uses to ComEd. Since the startup of the new CHP-1, the amount owed ComEd for electric distribution service occasionally has been less than the amount ComEd owes the District for electricity sold to them. This revenue represents less than 1% of the District's Fund 01 revenues.

### Sale of Property

District property that will no longer be used is sold if it has sufficient value to make it worth the effort. Prior to FY 2021-22, the sale of some property was included in miscellaneous income, but most of property sales were posted to the expense code to offset the cost of the replacement item. This was typically done for vehicle sales and cell phone sales. The District's auditor has advised us that this practice does not follow generally accepted accounting principles and all sales need to be applied to revenue. Sale of property represents less than 1% of the District's Fund 01 revenues.

### Interfund Transfer

Starting in FY 2021-22, funds collected through the monthly service fees will be transferred to the Improvement Fund (Fund 02) and/or the Construction Fund (Fund 03) to provide revenue for major replacements of aging infrastructure.

## IMPROVEMENT FUND

### Summary

The primary sources of revenue to the Improvement Fund (Fund 02) are trunk and lateral sewer service charges. These charges are typically incurred by new sewer connections whenever any property is annexed to or is serviced by the District. The fund is kept in anticipation of construction, expansion, and extension of trunk and lateral sewer facilities. The fund is also used for major lift station rehabilitation or lift station replacement. As the funding need is projected to be greater in the future than can be sustained by the collected trunk and lateral sewer service charges, interfund transfers from the General Corporate Fund (Fund 01) will become a source of revenue to Fund 02. A table displaying the revenues allocated to the Improvement Fund can be found on Exhibit 13.

### Revenues

1. Trunk and lateral sewer service charges – These revenues can be largely dependent on new developments requiring new sewer connections, extension of existing sewer mains and

sporadic septic conversions. As shown in Exhibit 13, the trunk and later sewer service charge revenue varies from year to year.

2. Interest – Interest is budgeted based on the average fund balance each year. Historically, interest was projected using interest rates ranging from 1% to 3%. Due to the decline in interest rates over the past two years, interest was projected for FY 2022-23 using an interest rate of 0.03%. The projected interest for FY 2022-23 is also much lower than historic interest revenue due to the anticipated depletion of fund balance after the Centex Lift Station project is complete.
3. Interfund Transfer – This revenue is a portion of the monthly service fee revenue transferred from the General Corporate Fund (Fund 01) to Fund 02. This transfer was started in FY 2021-22 to provide funding for the Centex Lift Station replacement. It is anticipated that this revenue will become a regular source of revenue to Fund 02 as the historic revenue sources are not sufficient to fund the District's increasing need to replace aging infrastructure.

### 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 additional WWTC facilities, as needed, and for the repayment of the loan from the Illinois Environmental Protection Agency (IEPA) for previous improvements. Fund balance is accumulated for the next major expansion of WWTC capacity or other capital improvements, such as the planned FY 2023-24 project to improvement biosolids processing. A table displaying the revenues allocated to the Construction Fund can be found on Exhibit 14.

#### Revenues

1. Sewer permit fees – These fees are often dependent upon current conditions for the real estate market.
2. Interest – Interest is budgeted based on the average fund balance each year. Historically, interest was projected using interest rates ranging from 1% to 3%. Due to the decline in interest rates over the past two years, interest was projected for FY 2022-23 using an interest rate of 0.03%.
3. Repayments – In FY 2012-13 through FY 2017-18, funds were transferred to from the General Corporate Fund (Fund 01) to repay the Construction Fund (Fund 03) for WWTC equipment replacements that had been funded out of Fund 02.

4. Grants – Miscellaneous grants for energy projects have been a source of revenue to this fund. The most recent was the ICECF grant in FY 2019-20. The grant was received after the WWTC successfully operated as a net-zero energy facility for a combined twelve months.

## 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 public benefit fund was last used in FY13-14 in association with replacement of the Prairie Avenue sewer as part of the Belmont Road Underpass project completed by METRA. A table displaying the revenues allocated to the General Corporate Fund can be found on Exhibit 15.

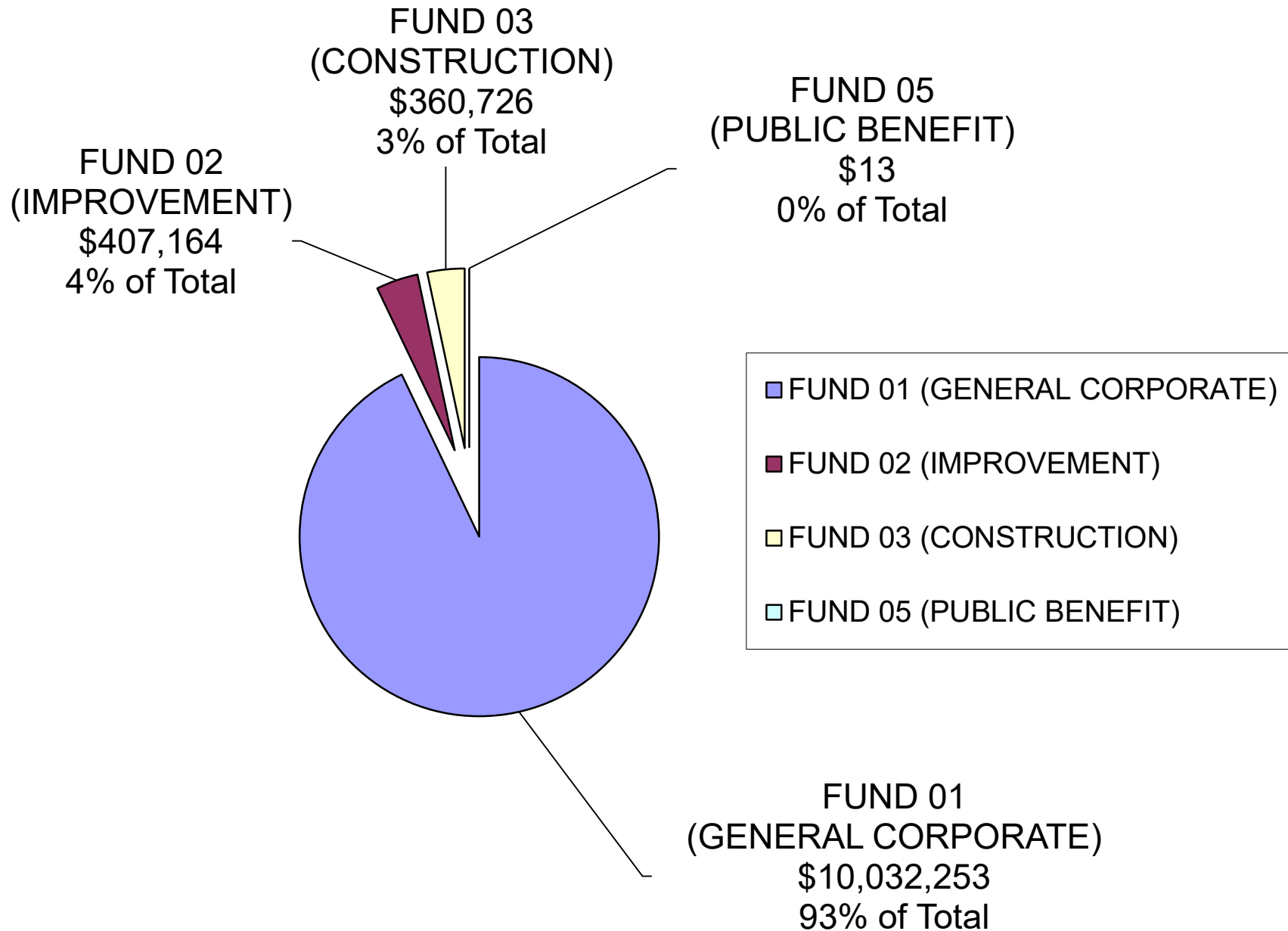
### Revenues

Interest – Historically, interest was budgeted based on the average fund balance each year and interest rates ranging from 1% to 3%. 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, ending interest as a revenue source for this fund. District Staff will monitor interest rates so that the balance of this fund can be reinvested in the future.

# EXHIBIT 1. DOWNERS GROVE SANITARY DISTRICT REVENUE SOURCES AND TOTALS

<b>FUND 01 (GENERAL CORPORATE)</b>	<b>FY12-13</b>	<b>FY13-14</b>	<b>FY14-15</b>	<b>FY15-16</b>	<b>FY16-17</b>	<b>FY17-18</b>	<b>FY18-19</b>	<b>FY19-20</b>	<b>FY20-21</b>	<b>FY21-22</b>	<b>FY22-23</b>
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Budget</b>
<b>REVENUES</b>											
User receipts	\$3,496,017	\$3,319,850	\$3,289,152	\$3,195,706	\$3,107,149	\$3,181,525	\$3,132,389	\$3,097,564	\$3,317,633	\$3,670,965	\$3,692,500
Surcharges	370,277	376,445	346,091	343,098	352,938	335,186	333,079	343,452	310,537	354,923	312,000
Monthly service fees	2,274,480	2,381,716	2,608,883	2,842,996	3,201,483	3,571,582	3,843,884	4,068,677	4,126,210	4,174,355	4,535,600
Plan review fees	211	324	986	642		2,481	364	418	230	3,585	500
Const inspection fees				462	928					548	500
Permit inspection fees	21,917	18,154	25,008	25,505	24,366	27,661	25,810	24,728	16,952	19,144	20,000
Interest	2,714	2,537	5,019	5,333	7,111	14,562	43,087	51,925	21,539	8,441	7,000
Sampling & monitoring charges	64,246	67,735	73,843	79,421	88,834	94,702	100,401	103,235	104,388	111,473	105,000
Real estate taxes	1,017,885	1,055,752	1,080,927	1,105,162	1,126,923	1,144,467	1,183,080	1,219,196	1,255,378	1,301,388	1,339,900
Television inspection fees				159	227						150
Replacement taxes	74,527	85,289	83,215	84,306	88,559	72,184	74,500	98,083	92,480	214,976	85,000
Lease payments	32,156	32,491	32,905	33,096	33,043	33,375	33,899	34,456	34,707	35,624	35,600
Miscellaneous	12,485	3,291	5,794	6,984	29,070	15,017	14,225	13,502	31,930	17,554	10,000
Grease Waste	101,820	121,418	136,551	160,384	213,518	201,690	224,488	186,142	149,426	210,066	210,000
Renewable Energy Credits						4,644	11,627	3,722			3,000
Grants and Incentives										160,259	1,150,000
Sale of Electricity										4,547	
Sale of Property										19,405	
Interfund Transfer										(275,000)	(500,000)
<b>SUBTOTAL REVENUES:</b>	<b>\$7,468,734</b>	<b>\$7,465,003</b>	<b>\$7,688,373</b>	<b>\$7,883,253</b>	<b>\$8,274,150</b>	<b>\$8,699,075</b>	<b>\$9,020,833</b>	<b>\$9,245,099</b>	<b>\$9,461,410</b>	<b>\$10,032,253</b>	<b>\$11,006,750</b>
<b>FUND 02 (IMPROVEMENT)</b>											
<b>REVENUES</b>											
Trunk and lateral sewer service charges	\$35,686	\$7,741	\$152,625	\$263,161	\$185,010	\$115,496	\$47,857	\$57,500	\$107,112	\$130,885	\$90,000
Interest	8,153	4,090	8,758	7,136	9,929	14,183	21,542	24,628	7,373	1,279	250
Repayments											
Sewer Replacements					300,000	317,200					
Interfund Transfer										275,000	500,000
<b>SUBTOTAL REVENUES:</b>	<b>\$43,839</b>	<b>\$11,831</b>	<b>\$161,383</b>	<b>\$270,297</b>	<b>\$494,938</b>	<b>\$446,879</b>	<b>\$69,399</b>	<b>\$82,128</b>	<b>\$114,485</b>	<b>\$407,164</b>	<b>\$590,250</b>
<b>FUND 03 (CONSTRUCTION)</b>											
<b>REVENUES</b>											
Sewer permit fees	\$139,182	\$102,904	\$264,260	\$498,015	\$532,902	\$296,607	\$189,349	\$237,232	\$259,377	\$359,857	\$250,000
Interest	35,481	6,890	31,449	8,655	3,007	324	1,559	9,114	1,564	869	1,200
Repayments - equipment replacement											
Belt filter press	300,000	310,592	200,000								
Plant switchgear			98,350		68,250	194,588					
Digester 4 mixing replacement				200,000	110,252						
State of Illinois Grant	225,000			174,000	49,000	197,876					
ICECF Grant		250,000		51,000				500,000			
<b>SUBTOTAL REVENUES:</b>	<b>\$699,663</b>	<b>\$670,386</b>	<b>\$594,060</b>	<b>\$931,670</b>	<b>\$763,411</b>	<b>\$689,395</b>	<b>\$190,908</b>	<b>\$746,346</b>	<b>\$260,941</b>	<b>\$360,726</b>	<b>\$251,200</b>
<b>FUND 05 (PUBLIC BENEFIT)</b>											
<b>REVENUES</b>											
Interest	\$72	\$15	\$2	\$66	\$260	\$349	\$542	\$856	\$480	\$13	\$0
<b>SUBTOTAL REVENUES:</b>	<b>\$72</b>	<b>\$15</b>	<b>\$2</b>	<b>\$66</b>	<b>\$260</b>	<b>\$349</b>	<b>\$542</b>	<b>\$856</b>	<b>\$480</b>	<b>\$13</b>	<b>\$0</b>
<b>GRAND TOTAL REVENUES:</b>	<b>\$8,212,308</b>	<b>\$8,147,234</b>	<b>\$8,443,818</b>	<b>\$9,085,285</b>	<b>\$9,532,759</b>	<b>\$9,835,698</b>	<b>\$9,281,682</b>	<b>\$10,074,429</b>	<b>\$9,837,316</b>	<b>\$10,800,157</b>	<b>\$11,848,200</b>
<b>CHANGE IN TOTAL REVENUE FROM PRIOR YEAR:</b>	<b>-10.22%</b>	<b>-0.80%</b>	<b>3.51%</b>	<b>7.06%</b>	<b>4.69%</b>	<b>3.08%</b>	<b>-5.97%</b>	<b>7.87%</b>	<b>-2.41%</b>	<b>8.92%</b>	<b>8.85%</b>

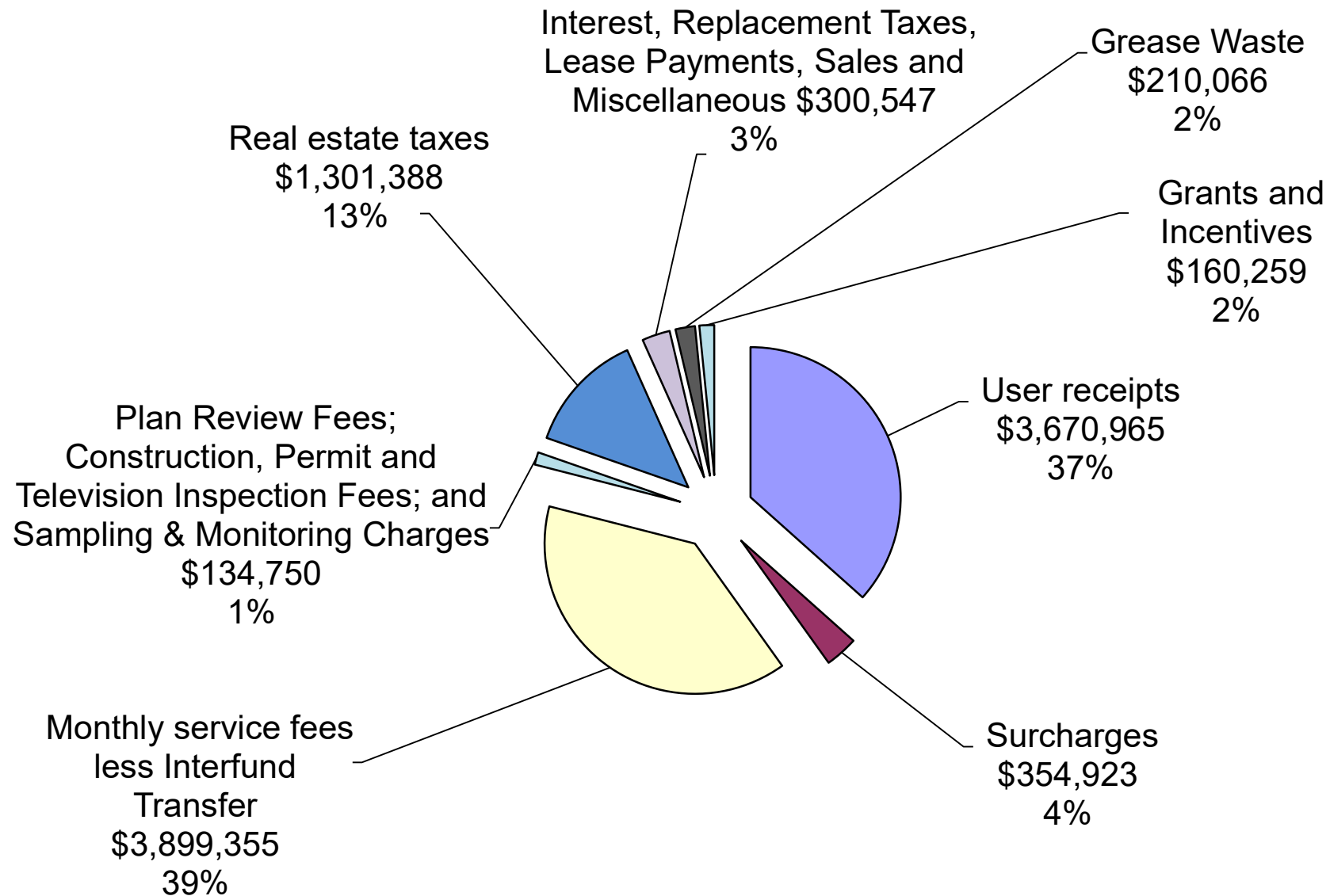
## Exhibit 2. FY21-22 Revenue Totals by Fund



### EXHIBIT 3. GENERAL CORPORATE FUND (FUND 01) REVENUES

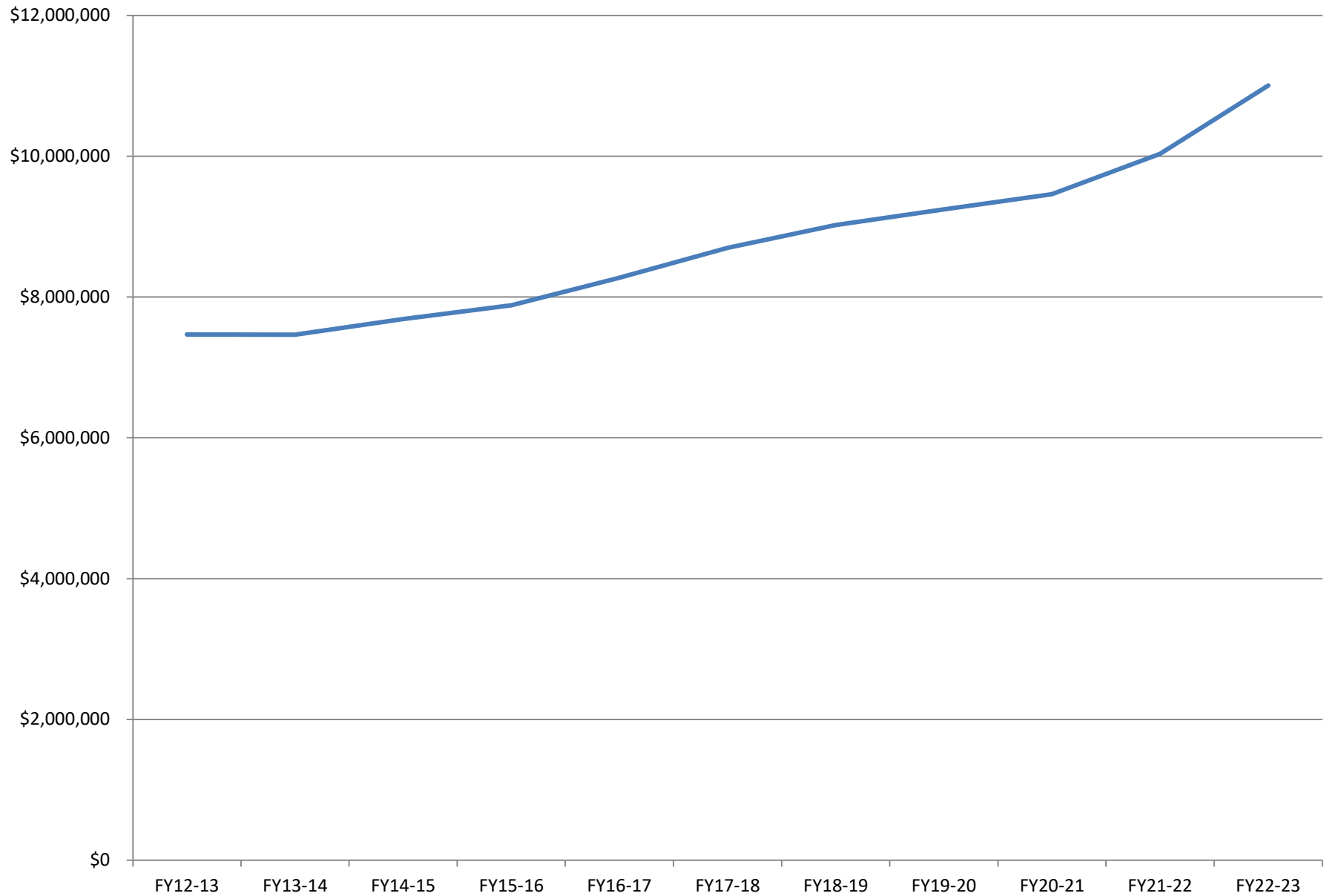
	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget
<b>REVENUES</b>											
User receipts	\$3,496,017	\$3,319,850	\$3,289,152	\$3,195,706	\$3,107,149	\$3,181,525	\$3,132,389	\$3,097,564	\$3,317,633	\$3,670,965	\$3,692,500
Surcharges	370,277	376,445	346,091	343,098	352,938	335,186	333,079	343,452	310,537	354,923	312,000
Monthly service fees	2,274,480	2,381,716	2,608,883	2,842,996	3,201,483	3,571,582	3,843,884	4,068,677	4,126,210	4,174,355	4,535,600
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Renewable Energy Credits						4,644	11,627	3,722			3,000
Grants and Incentives										160,259	1,150,000
Sale of Electricity										4,547	
Sale of Property										19,405	
Interfund Transfer										(275,000)	(500,000)
<b>TOTAL REVENUES:</b>	<b>\$7,468,734</b>	<b>\$7,465,003</b>	<b>\$7,688,373</b>	<b>\$7,883,253</b>	<b>\$8,274,150</b>	<b>\$8,699,075</b>	<b>\$9,020,833</b>	<b>\$9,245,099</b>	<b>\$9,461,410</b>	<b>\$10,032,253</b>	<b>\$11,006,750</b>
<b>CHANGE IN REVENUE FROM PRIOR YEAR:</b>	<b>-8.27%</b>	<b>-0.05%</b>	<b>2.91%</b>	<b>2.47%</b>	<b>4.72%</b>	<b>4.88%</b>	<b>3.57%</b>	<b>2.43%</b>	<b>2.29%</b>	<b>5.69%</b>	<b>8.85%</b>
<b>USER RATE:</b>	<b>\$1.65</b>	<b>\$1.65</b>	<b>\$1.65</b>	<b>\$1.65</b>	<b>\$1.65</b>	<b>\$1.65</b>	<b>\$1.65</b>	<b>\$1.70</b>	<b>\$1.80</b>	<b>\$1.95</b>	<b>\$2.05</b>
<b>INCREASE FROM PRIOR YEAR'S RATE:</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>3.0%</b>	<b>5.9%</b>	<b>8.3%</b>	<b>5.1%</b>
<b>MONTHLY SERVICE FEE:</b>	<b>\$9.50</b>	<b>\$10.00</b>	<b>\$11.00</b>	<b>\$12.00</b>	<b>\$13.50</b>	<b>\$15.00</b>	<b>\$16.00</b>	<b>\$17.00</b>	<b>\$17.00</b>	<b>\$17.00</b>	<b>\$19.00</b>
<b>INCREASE FROM PRIOR YEAR'S FEE:</b>	<b>5.6%</b>	<b>5.3%</b>	<b>10.0%</b>	<b>9.1%</b>	<b>12.5%</b>	<b>11.1%</b>	<b>6.7%</b>	<b>6.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>11.8%</b>

## Exhibit 4. General Corporate Fund (Fund 01) FY 21-22 Revenues



Note: Monthly service fees of \$4,174,355 were collected, \$275,000 of which were transferred to the Improvement Fund (Fund 02).

### Exhibit 5. General Corporate Fund (Fund 01) Total FY21-22 Revenues

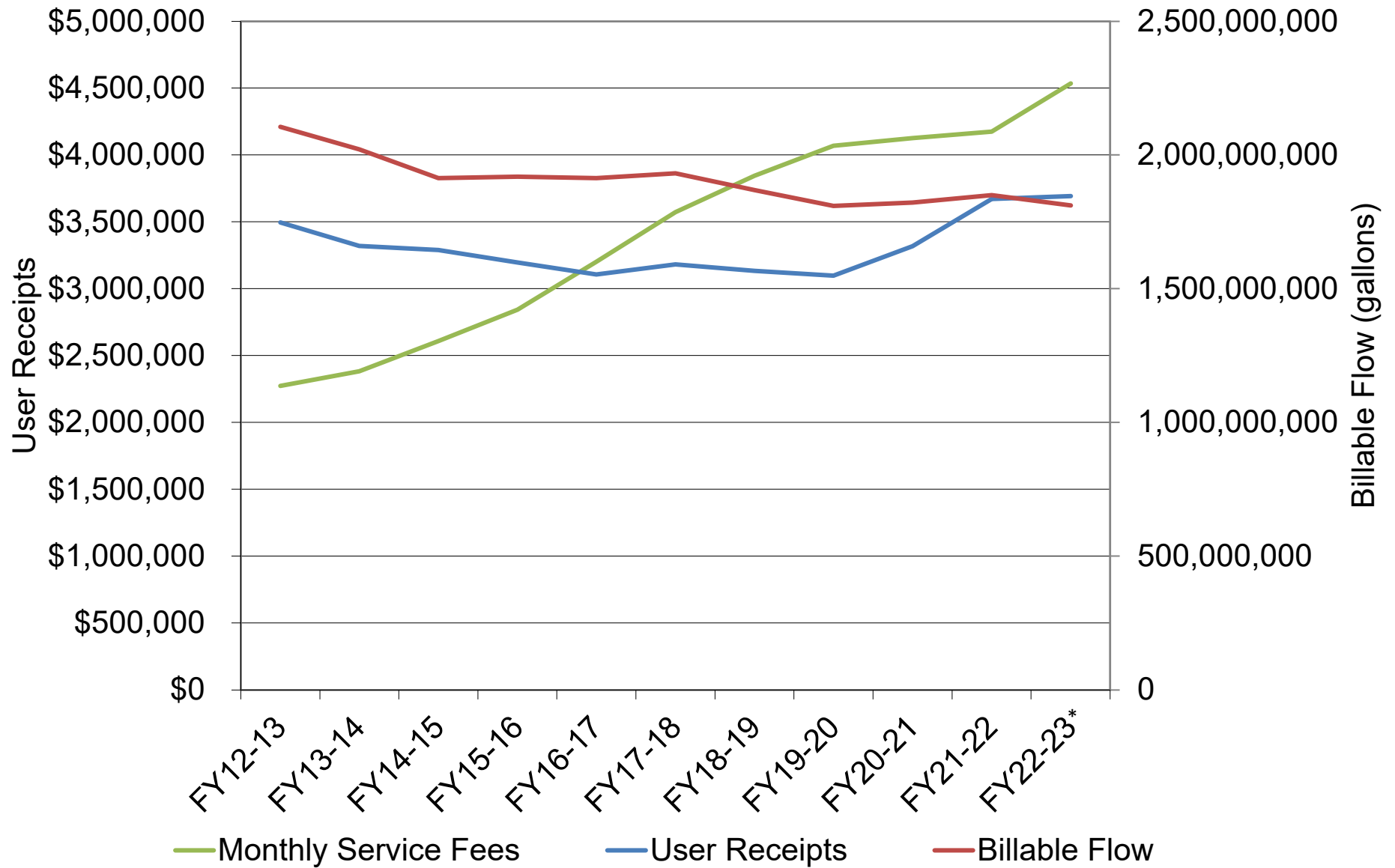


Note: All revenues shown above are actual, except for FY22-23 which uses the budgeted revenue.

# EXHIBIT 6. USER RECEIPTS AND BILLABLE FLOW

<u>REVENUES</u>	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Projected
User receipts	\$3,496,017	\$3,319,850	\$3,289,152	\$3,195,706	\$3,107,149	\$3,181,525	\$3,132,389	\$3,097,564	\$3,317,633	\$3,670,965	\$3,692,500
CHANGE FROM PRIOR YEAR:	2.38%	-5.31%	-0.93%	-2.92%	-2.85%	2.34%	-1.57%	-1.12%	6.63%	9.63%	0.58%
TOTAL ANNUAL BILLABLE FLOW	2,105,355,939	2,020,633,402	1,913,348,989	1,918,797,399	1,913,622,751	1,931,385,019	1,868,996,588	1,810,295,801	1,821,907,009	1,849,548,138	1,811,225,742
CHANGE FROM PRIOR YEAR:	1.92%	-4.19%	-5.61%	0.28%	-0.27%	0.92%	-3.34%	-3.24%	0.64%	1.49%	-2.12%
AVERAGE VALUE (ACROSS 10 YEARS):										1,915,389,104	
AVERAGE DAILY BILLABLE FLOW(MGD)	5.768	5.536	5.242	5.257	5.243	5.291	5.121	4.960	4.992	5.067	4.962
CHANGE FROM PRIOR YEAR:	1.92%	-4.19%	-5.61%	0.28%	-0.27%	0.92%	-3.34%	-3.24%	0.64%	1.49%	-2.12%
AVERAGE VALUE (ACROSS 10 YEARS):										5.248	
USER RATE:	\$1.65	\$1.65	\$1.65	\$1.65	\$1.65	\$1.65	\$1.65	\$1.70	\$1.80	\$1.95	\$2.05
INCREASE FROM PRIOR YEAR:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	5.9%	8.3%	5.1%

**Exhibit 7. User Receipts, Billable Flow and Monthly Service Fees from  
FY 2012-13 to FY 2022-23**



\*Projected

# EXHIBIT 8. MONTHLY SERVICE FEES

<u>REVENUES</u>	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget
MONTHLY SERVICE FEES											
Revenue to General Corporate Fund (Fund 01)	\$2,274,480	\$2,381,716	\$2,608,883	\$2,842,996	\$3,201,483	\$3,571,582	\$3,843,884	\$4,068,677	\$4,126,210	\$3,899,355	\$4,035,600
Revenue to Improvement Fund (Fund 02), Interfund Transfer from Fund 01										275,000	500,000
TOTAL MONTHLY SERVICE FEES	\$2,274,480	\$2,381,716	\$2,608,883	\$2,842,996	\$3,201,483	\$3,571,582	\$3,843,884	\$4,068,677	\$4,126,210	\$4,174,355	\$4,535,600
CHANGE FROM PRIOR YEAR:		4.50%	8.71%	8.23%	11.20%	10.36%	7.08%	5.52%	1.39%	1.15%	7.96%
MONTHLY SERVICE FEE:	\$9.50	\$10.00	\$11.00	\$12.00	\$13.50	\$15.00	\$16.00	\$17.00	\$17.00	\$17.00	\$19.00
INCREASE FROM PRIOR YEAR:		5.3%	10.0%	9.1%	12.5%	11.1%	6.7%	6.3%	0.0%	0.0%	11.8%

## EXHIBIT 9. REAL ESTATE TAXES ANALYSIS

[illegible]

# EXHIBIT 10. REPLACEMENT TAXES ANALYSIS

	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget	Average - Last Ten Years (not including FY 22-23)	Average - Last Five Years (not including FY 22-23)
<u>REVENUES</u>													
Replacement Taxes Received:	\$74,527	\$85,289	\$83,215	\$84,306	\$88,559	\$72,184	\$74,500	\$98,083	\$92,480	\$214,976	\$85,000	\$96,812	\$110,445
CHANGE FROM PRIOR YEAR:	-0.86%	12.62%	-2.49%	1.29%	4.80%	-22.68%	3.11%	24.04%	-6.06%	56.98%	-152.91%		

# EXHIBIT 11. MISCELLANEOUS INCOME ANALYSIS

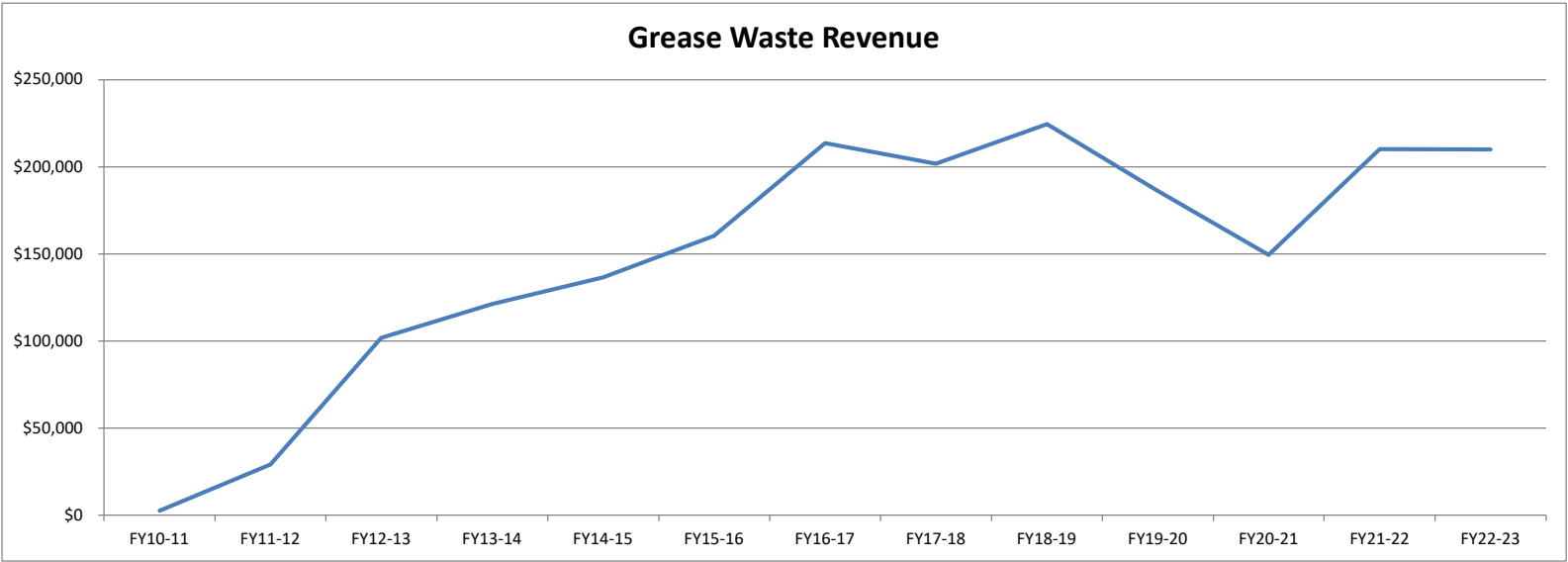
Revenue		FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget	Average Last 10 Years	Average Last 5 Years
Annexation Applications	*	\$1,035.00	\$345.00	\$805.00	\$2,760.00	\$1,495.00	\$1,035.00	\$575.00	\$805.00	\$575.00	\$460.00		\$989.00	\$690.00
Recapture Agreements	*	600.00	450.00	449.99	750.00	1,050.00	150.00	300.00	300.00	150.00	300.00		450.00	240.00
Scrap Sales	*	5,911.83	1,248.05	732.13	3,207.58	2,043.50	3,197.30	2,741.85	2,391.73	10,779.25	3,123.15		3,537.64	4,446.66
Recycled Waste Oil			382.50	28.00				17.50	45.00					
FOIA Fees			11.25											
NSF Fees		25.00												
SA 51			463.77											
SA 52					24.21									
SA 54-58								2,889.71	1,046.66					
Subpoena for PR Records						25.00								
Sale of Used Equipment	**	579.18		332.00		700.00	1,625.00	7,500.00	8,000.00	175.01	1,012.33			
Sale of Vehicles	**									20,251.00				
In Lieu of Taxes														
Reimb/Lab Water Damage		537.00												
Reimb Gas Leak							3,200.00							
Village of DG Labor Hours				2,813.81										
WC Reimb.		3,190.95												
Jury Duty Reimb.		10.00	10.00		25.00		125.00							
Tax Sale Costs Recouped		494.37	279.60	227.79	201.94	202.79	136.84	150.66	135.84					
Grants						6,301.00	3,245.97							
Rebates							2,106.37							
CPower Pmts (Demand Response)											12,344.03			
IL ST Unclaimed Property Collected									777.17		311.32			
Miscellaneous		102.00	101.00	404.87	15.01	20.37	195.14	50.00	1.03		2.84			
TOTAL REVENUE:		\$12,485.33	\$3,291.17	\$5,793.59	\$6,983.74	\$11,837.66	\$15,016.62	\$14,224.72	\$13,502.43	\$31,930.26	\$17,553.67	\$10,000.00	\$4,976.64	\$5,376.66

\* Consistent sources of Miscellaneous Income

\*\*Starting in FY21-22, these will be posted to new Sale of Property revenue code.

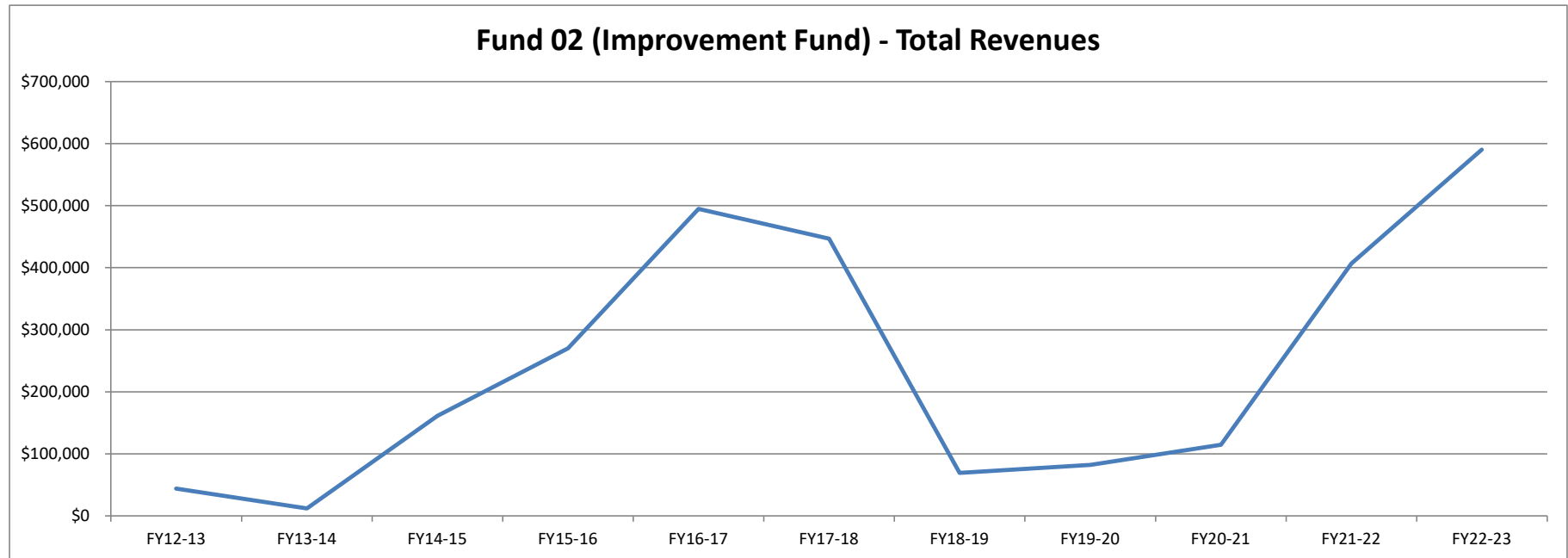
EXHIBIT 12. GREASE WASTE REVENUE

REVENUES	FY10-11 Actual	FY11-12 Actual	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget
Grease Waste	\$2,665	\$29,061	\$101,820	\$121,418	\$136,551	\$160,384	\$213,518	\$201,690	\$224,488	\$186,142	\$149,426	\$210,066	\$210,000
CHANGE IN REVENUE FROM PRIOR YEAR:		90.83%	71.46%	16.14%	11.08%	14.86%	24.89%	-5.86%	10.16%	-20.60%	-24.57%	28.87%	-0.03%



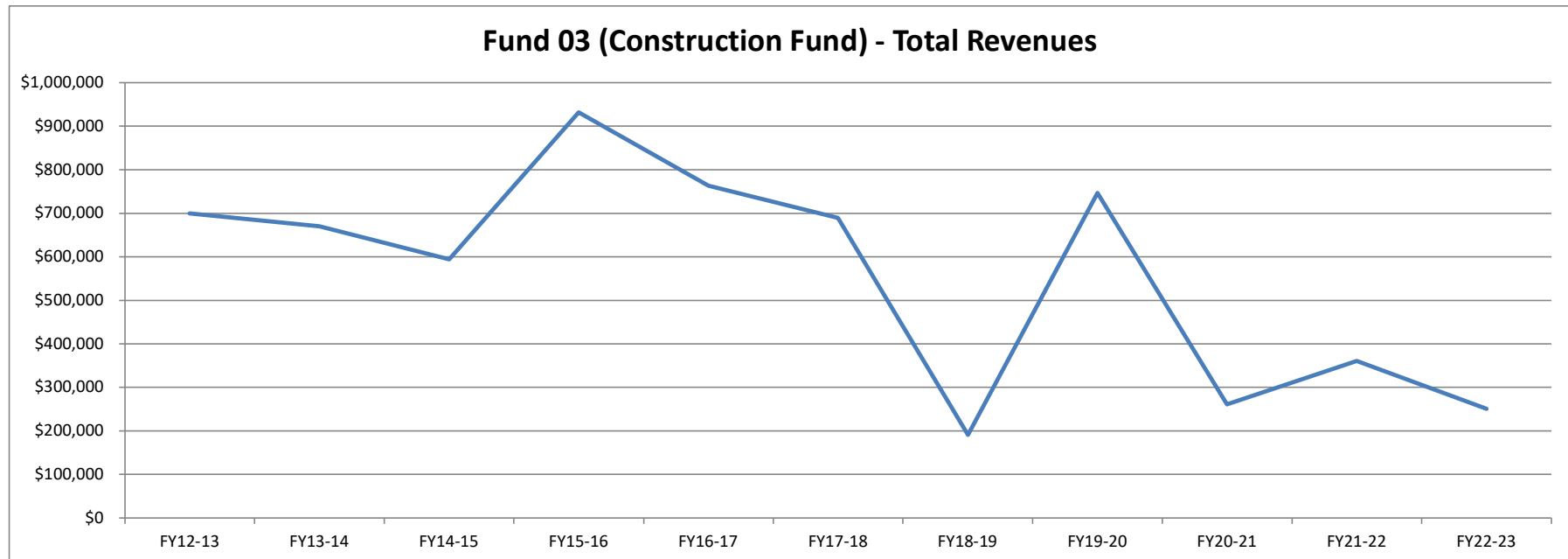
### EXHIBIT 13. IMPROVEMENT FUND (FUND 02) REVENUES

	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget
<b>REVENUES</b>											
Trunk and lateral											
sewer service charges	\$35,686	\$7,741	\$152,625	\$263,161	\$185,010	\$115,496	\$47,857	\$57,500	\$107,112	\$130,885	\$90,000
Interest	8,153	4,090	8,758	7,136	9,929	14,183	21,542	24,628	7,373	1,279	250
Repayments											
Sewer Replacements					300,000	317,200					
Interfund Transfer										275,000	500,000
<b>TOTAL REVENUES:</b>	<b>\$43,839</b>	<b>\$11,831</b>	<b>\$161,383</b>	<b>\$270,297</b>	<b>\$494,938</b>	<b>\$446,879</b>	<b>\$69,399</b>	<b>\$82,128</b>	<b>\$114,485</b>	<b>\$407,164</b>	<b>\$590,250</b>
<b>CHANGE IN REVENUE FROM PRIOR YEAR:</b>	<b>-1565.23%</b>	<b>-270.54%</b>	<b>92.67%</b>	<b>40.29%</b>	<b>45.39%</b>	<b>-10.75%</b>	<b>-543.93%</b>	<b>15.50%</b>	<b>28.26%</b>	<b>71.88%</b>	<b>31.02%</b>



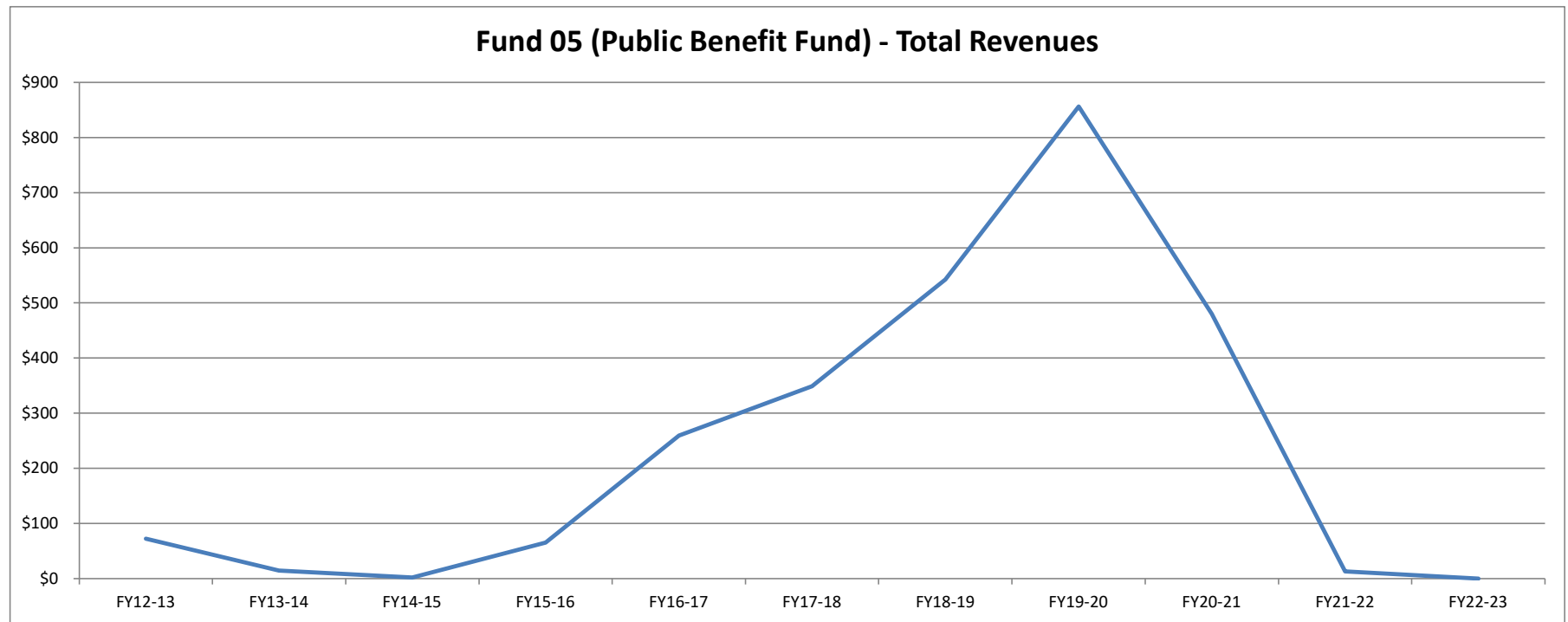
## EXHIBIT 14. CONSTRUCTION FUND (FUND 03) REVENUES

	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget
<b>REVENUES</b>											
Sewer permit fees	\$139,182	\$102,904	\$264,260	\$498,015	\$532,902	\$296,607	\$189,349	\$237,232	\$259,377	\$359,857	\$250,000
Interest	35,481	6,890	31,449	8,655	3,007	324	1,559	9,114	1,564	869	1,200
Repayments - equipment replacement											
Belt filter press	300,000	310,592	200,000								
Plant switchgear			98,350		68,250	194,588					
Digester 4 mixing replacement				200,000	110,252						
State of Illinois Grant	225,000			174,000	49,000	197,876					
ICECF Grant		250,000		51,000				500,000			
<b>TOTAL REVENUES:</b>	<b>\$699,663</b>	<b>\$670,386</b>	<b>\$594,060</b>	<b>\$931,670</b>	<b>\$763,411</b>	<b>\$689,395</b>	<b>\$190,908</b>	<b>\$746,346</b>	<b>\$260,941</b>	<b>\$360,726</b>	<b>\$251,200</b>
<b>CHANGE IN REVENUE FROM PRIOR YEAR:</b>	<b>66.31%</b>	<b>-4.37%</b>	<b>-12.85%</b>	<b>36.24%</b>	<b>-22.04%</b>	<b>-10.74%</b>	<b>-261.11%</b>	<b>74.42%</b>	<b>-186.02%</b>	<b>27.66%</b>	<b>-43.60%</b>



## EXHIBIT 15. PUBLIC BENEFIT FUND (FUND 05) REVENUES

	FY12-13 Actual	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Actual	FY21-22 Actual	FY22-23 Budget
<b>REVENUES</b>											
Interest	\$72	\$15	\$2	\$66	\$260	\$349	\$542	\$856	\$480	\$13	\$0
<b>TOTAL REVENUES:</b>	<b>\$72</b>	<b>\$15</b>	<b>\$2</b>	<b>\$66</b>	<b>\$260</b>	<b>\$349</b>	<b>\$542</b>	<b>\$856</b>	<b>\$480</b>	<b>\$13</b>	<b>\$0</b>
<b>CHANGE IN REVENUE FROM PRIOR YEAR:</b>	34.83%	-391.62%	-633.50%	96.95%	74.72%	25.62%	35.67%	36.64%	-78.37%	-3539.12%	



DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Carly Shaw  
Administrative Supervisor

DATE: June 10, 2022

RE: 2022 Levy Ordinance

The proposed 2022 Levy Ordinance is attached. This levy of \$1,429,025 for sanitary sewer system repairs and replacements and repayment of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program represents a 4.37% increase over the 2021 levy of \$1,369,200. In accordance with the tax cap, the County Clerk will automatically reduce this levy to reflect the approved consumer price index increase for the preceding 12-month calendar year. For tax year 2022, that increase is 5%. This is the same as the allowed increase over last year of 5% so we do not anticipate any reduction to the 2022 levy amount.

A copy of the Calculations for Truth in Taxation Process worksheet prepared by the DuPage County Clerk's office is also attached. This worksheet indicates that the district's 2022 tax levy request cannot exceed \$1,429,025.05 in order to comply with the Truth in Taxation Act.

Staff will request Board approval of this levy ordinance at the June 14 regular meeting.

Enclosures

cc: KJR, RTJ, MJS, ARU, MGP

AN ORDINANCE FOR THE LEVY OF TAXES FOR GENERAL CORPORATE  
PURPOSES FOR THE DOWNERS GROVE SANITARY DISTRICT FOR THE  
FISCAL YEAR BEGINNING MAY 1, 2022 AND ENDING APRIL 30, 2023

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

Section 1. That the sum of \$1,429,025 being that part of the total appropriation  
heretofore legally made for corporate purposes for the DOWNERS GROVE  
SANITARY DISTRICT, a body politic and corporate of the County of DuPage, and  
State of Illinois which is to be collected from the tax levy of the current fiscal year  
commencing on the first day of May, 2022, and ending on the 30th day of April,  
2023.

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

	<u>TOTAL AMOUNT</u>	<u>TO BE PAID FROM CORPORATE TAXATION</u>
SANITARY SEWER SYSTEM REPAIRS AND REPLACEMENTS AND RE- PAYMENT OF LOANS UNDER THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 / ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S WATER POLLUTION CONTROL LOAN PROGRAM	<u>\$1,429,025</u>	<u>\$1,429,025</u>
GRAND TOTAL	<u>\$1,429,025</u>	<u>\$1,429,025</u>

Section 2. That the County Clerk be and he is hereby directed as provided by law, to ascertain the rate percent which, upon the total valuation of all properties subject to taxation within the DOWNERS GROVE SANITARY DISTRICT, as the same is assessed and equalized for state and county purposes, will produce a net amount as herein legally levied, and to extend such tax pursuant to the statutes in such case made and provided.

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

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

Dated: This 14th day of June, A.D., 2022.

RECORDING VOTES:

AYES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ABSENT: \_\_\_\_\_

NAYS: \_\_\_\_\_

APPROVED this 14th day of June, A.D., 2022.

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

ATTEST:

\_\_\_\_\_  
Clerk

CERTIFICATE OF LEVY

STATE OF ILLINOIS

COUNTY OF DUPAGE

To the Clerk of DuPage County:

I, JEREMY M. WANG, do hereby certify that I am the duly elected Clerk of the Board of Trustees of the Downers Grove Sanitary District, a body politic and corporate in DuPage County, Illinois: and that pursuant to the authority vested in said Board of Trustees within Section 12 of the Sanitary District Act of 1917, as amended, the Board of Trustees, in meeting assembled on June 14, 2022, did direct and authorize that there be raised by general taxation the amounts hereinafter set forth, to be levied upon all the taxable property in said Sanitary District, in order to meet and defray the necessary expenses and liabilities of the Sanitary District as required by law, and the amounts so required are itemized and needed for uses and purposes as follows, as appears from the record of the proceedings of said Board of Trustees meeting, now on file in my records, to-wit:

SANITARY SEWER SYSTEM REPAIRS	<u>\$1,429,025</u>
AND REPLACEMENTS AND RE-	
PAYMENT OF LOANS UNDER THE	
AMERICAN RECOVERY AND	
REINVESTMENT ACT OF 2009 / ILLINOIS	
ENVIRONMENTAL PROTECTION	
AGENCY'S WATER POLLUTION	
CONTROL LOAN PROGRAM	
TOTAL	\$1,429,025

Making the amount to be raised by taxation and levied upon all taxable property in said Sanitary District, for the necessary expenses and uses aforesaid for the general corporate purposes, the sum of \$1,429,025. And it is hereby directed that the aforesaid sum be raised by taxation, in the manner provided by law.

Dated June 14, 2022.

\_\_\_\_\_(SEAL)  
Jeremy M. Wang, Clerk

APPROVED:

Board of Trustees

DOWNERS GROVE SANITARY DISTRICT

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF ILLINOIS     )  
COUNTY OF DUPAGE    )

CERTIFICATE OF INAPPLICABILITY

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

I DO FURTHER CERTIFY THAT PROVISIONS OF THE "TRUTH IN TAXATION ACT" (ILLINOIS COMPILED STATUTES, CHAPTER 35, ACT 200, SECTIONS 18-55 THROUGH 18-100) ARE INAPPLICABLE TO THE DOWNERS GROVE SANITARY DISTRICT IN CONNECTION WITH ITS 2022 TAX LEVY ORDINANCE, AS THE LEVY IS NOT MORE THAN FIVE PERCENT GREATER THAN LAST YEARS EXTENSION.

IN WITNESS WHEREOF, I HEREUNTO AFFIX MY OFFICIAL SIGNATURE AT DOWNERS GROVE, ILLINOIS THIS 15TH DAY OF JUNE, 2022.

DOWNERS GROVE SANITARY DISTRICT

BY: \_\_\_\_\_  
CARLY SHAW  
ASSISTANT CLERK

(SEAL)

10150000

DU PAGE COUNTY  
CALCULATIONS FOR "TRUTH IN TAXATION" PROCESS

TAXING DISTRICT NAME: DOWNERS GR SAN DIST

TOTAL 2021 TAX EXTENSION:  
(INCLUDING DEBT) 1,364,465.92

TOTAL 2021 DEBT EXTENSION:  
(INCLUDES DEBT SERVICE,  
AGGREGATE REFUNDS AND P.B.C. LEASES) 3,489.68

SUB TOTAL = REMOVAL OF  
DEBT SERVICE 1,360,976.24

ADDITION OF 2021 ABATEMENTS:  
(DOES NOT INCLUDE  
BOND ABATEMENTS) NONE

TOTAL 2021 AGGREGATE EXTENSION:  
(INCLUDES CORPORATE & SPECIAL  
PURPOSES, ABATEMENTS AND NO DEBT) 1,360,976.24

\*\*\* ADDITION OF 105% TO TOTAL AGGREGATE  
EXTENSION (INCLUDES CORPORATE AND  
SPECIAL PURPOSES, ABATEMENTS AND NO DEBT): 1,429,025.05

\*\*\* YOUR 2022 TAX LEVY REQUEST, MINUS DEBT, CANNOT EXCEED  
THIS FIGURE WITHOUT COMPLIANCE TO THE "TRUTH IN  
TAXATION ACT".

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

ANY DISTRICT WHO MUST PUBLISH IN ORDER TO COMPLY WITH THE  
"TRUTH IN TAXATION ACT", WILL NEED TO INCLUDE 2022 DEBT  
SERVICE FIGURES IN THE PUBLICATION NOTICE, AS REQUIRED BY SENATE  
BILL 136, PASSED 12-5-1989. ACCORDING TO OUR RECORDS AS OF  
APRIL 30, 2022, YOUR DEBT SERVICE FIGURE IS NONE . ANY  
DEBT ISSUED AFTER THIS DATE, BUT PRIOR TO YOUR PUBLICATION DATE,  
MUST BE ADDED TO THIS FIGURE.

DOWNERS GROVE SANITARY DISTRICT  
MEMO

DATE: June 10, 2022

TO: Board of Trustees

FROM: Carly Shaw  
Administrative Supervisor

RE: Real Estate Tax Levy and Rate for 2021

Attached is the final tax levy notice from the County Clerk for the 2021 tax levy which is paid by the District's customers this year as part of their tax bill. The levy contains the \$1,369,200 general corporate levy to be used for sanitary sewer system repairs and replacements and repayment of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program.

In 2021, the Governor passed Senate Bill 508 that amended the Property Tax Extension Limitation Law (PTELL). This new law states that the County must give tax-capped taxing districts back any losses from the previous tax year that were incurred from an error or court order assessment valuation comparison. These adjustments will take place of the 1% County issued loss factor seen in previous years calculations. In 2020 we had a loss of \$1929.14 from these assessment changes that is included on our 2021 levy as an aggregate refund adjustment.

The 2021 rate of 0.0393 is 1.75% less than last year's rate (see attached Table 2). The District's assessed valuation increased from \$3,443,643,973 to \$3,525,021,220, an increase of 2.36%. It is the seventh year in a row that this figure has increased. The District tax rate this year was reduced by the tax cap limitation. The tax cap reduced the District extension by \$13,958.73 to a total extension of \$1,360,976.24 which represents a 4.37% increase over last year's extension of \$1,304,052.12. As part of the changes mentioned above, there is an addition to the final tax extension amount of \$3,489.68 for aggregate refunds. The County includes .0001% of the net assessed valuation amount of \$3,489,682,674. This brings the total tax extension to \$1,364,465.92. Table 1 attached details the calculation of the levy with the aggregate refund adjustment and the extension amount with the County minimum adjustment included. It also indicates the reduction due to the tax cap and the TIFs. Increases in the extension have averaged 2.92% over the past 10 years.

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

New construction	\$ 97,088,805
New annexations	0
Adjustments to existing assessed valuations	<u>48,870,486</u>
(Average increase of 1.46%)	\$145,959,291

Assuming the median assessed value of a single-family residence was at \$108,758 (taken from the FY 22-23 budget figure found on page 33 of the Five-Year Financial Plan for FY22-23), District taxes are estimated to be \$43.07 per residence this year compared to \$41.83 last year, an increase of 2.88%.

Because of both the Downers Grove Central Business District TIF and the Downers Grove Ogden Avenue TIF, District taxes were reduced from an "actual extension" of the tax levy of \$1,378,283.30 to \$1,364,465.92 (-\$13,817.38) for 2021.

Attachments

cc: KJR, RTJ, MJS, ARU, MGP

FINAL

10150000  
DOWNERS GR SAN DIST

TOWNSHIPS: MILTON  
YORK  
LISLE  
DOWNERS GROVE  
DUPAGE COUNTY  
  
2021 TIF VALUATION

24,745,050  
671,099,549  
332,963,735  
2,460,874,340  
3,489,682,674  
-----  
3,489,682,674 CUR

24,745,050  
671,099,549  
332,963,735  
2,496,212,886  
3,525,021,220  
-----  
3,525,021,220

RES: 2,717,998,557  
FARM: 4,864  
COMM: 663,544,354  
IND: 105,096,550  
T-RE: 3,486,644,325

RR: 3,038,349  
-----  
GTOT: 3,489,682,674

TAX BURDEN:				LIMITING RATE:			.0390		RATE REDUCTION:		99.2367	
LEVY			RATE		TAXES EXTENDED		TAX LIMITATION ACT		DISTRICT ADJUSTMENT			
	AMOUNT	PLUS	LIMIT	EXTD	AMOUNT	RATE	EXTENSION	RATE	EXTENSION			
CORPORATE	1,369,200.00	1,369,200.00	.2000	.0393	1,371,445.29	.0390	1,360,976.24					
*AGGREGATE REFUNDS	1,929.14	1,929.14		.0001	3,489.68	.0001	3,489.68					
TOTAL CAP FUNDS	1,369,200.00	1,369,200.00		.0393	1,371,445.29	.0390	1,360,976.24					
*TOTAL NON CAP FUNDS	1,929.14	1,929.14		.0001	3,489.68	.0001	3,489.68					
GRAND TOTAL	1,371,129.14	1,371,129.14		.0394	1,374,934.97	.0391	1,364,465.92					

Actual Ext1,378,283.30

DIF to TIF13,817.38

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

TAX YEAR 2021

## PROPERTY VALUATIONS

Total Assessed Valuation	\$3,525,021,220
Assessed Valuation for TIF	- \$35,338,546
Net Assessed Valuation	\$3,489,682,674
New Construction	- \$97,088,805
New Annexations	- \$0
Equalized Assessed Valuation	\$3,392,593,869

## LEVY AND EXTENSION BEFORE CAP

Amount Levied by DGSD	\$1,369,200
Aggregate Refunds (2020 property tax assesement appeal refunds)	\$1,929.14
Total Amount Levied by DGSD	\$1,371,129.14
Net Assessed Valuation	÷ 3,489,682,674
Extended Rate	0.03929
Extended Rate Rounded up by County Clerk	0.0393
Net Assessed Value	X 3,489,682,674
Tax Extension Total	\$1,371,445.29
Aggregate Refunds (.0001% of Net Assessed Valuation)	+ \$3,489.68
Tax Extension Before Cap	\$1,374,934.97

## CAP (LIMITING RATE):

2020 Extension after Cap	\$1,304,052.12
2021 Consumer Price Index Multiplier From Tax Cap Law (adds 1.4%)	X 1.014
Final Base Aggregate Extension	\$1,322,308.85
Equalized Assessed Valuation	÷ 3,392,593,869
Limiting Rate for 2021	0.0390

## CAPPED EXTENSION

Net Assessed Valuation	3,489,682,674
Limiting Rate for 2021	X 0.0390
Extension after cap	\$1,360,976.24
Aggregate Refunds not subject to cap	+ \$3,489.68
Total Taxes to be Received	\$1,364,465.92

Reduction due to tax cap (Extension Before Cap minus Extension After Cap  
not including aggregate refund not subject to cap)

(\$13,958.73)

Taxes that would have been Received assuming no TIF

\$1,378,283.30

Reduction due to TIF (Extension assuming no TIF - Extension because of TIF)

(\$13,817.38)

## Tax Levies and Tax Rates

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

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Board of Trustees

FROM: Carly Shaw  
Administrative Supervisor

DATE: June 10, 2022

RE: Administrative Services Progress Report – May 2022

ADMINISTRATIVE

Group Health Insurance Open Enrollment

Employee enrollment was completed on May 20 with 33 employees making the following plan selections (retirees not included):

Option 1 (Platinum HMO):	21 (64%)
Option 2 (Gold Hybrid PPO):	4 (12%)
Option 3 (Blue Choice Preferred PPO):	6 (18%)

Waiver of Medical:	2 (6%)
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Flexible Compensation Plan

Employees received materials for an open enrollment window through May 20 for participation in the District's Flexible Compensation Plan that provides tax savings through payroll deductions for both out-of-pocket eligible medical expenses and dependent care expenses. We have 7 employees participating with a total deferral amount of \$16,985.

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

One BURP claim remains open. There have been two customers who have had mainline blockages in May and picked up the packet, but no claims have been filed yet.

An updated BURP summary is attached for your information.

Technology Update

Concentric Integration and Kazys Motekaitis of Exodus Technology Services continue to provide IT support services.

The customer billing portal project with CityInsight is still in process. They provided us a demonstration of the customer and administrative portal and were open to our feedback and willing to make any adjustments we felt are needed. We are still working through some functionality items with them with the tentative launch date being late July.

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:	87
# of Customers paying their bills online in the last month:	1,981
Amount of Money processed through the Portal in the last month:	\$120,372.10
# of Customers signing up for Autopay through the Portal in the last month:	87
# of Customers enrolled in paperless billing in the last month:	62
# of customers registered for pay by text in the last month:	31
Cost to District for providing Invoice Cloud service in the last month:	\$
Cost to District's customers (convenience fees) in the last month:	\$3,200.37
Estimated Monthly savings from customers enrolled in paperless billing:	\$13.97
# of Customers registered from launch through last month:	7,167
# of Customers signing up for Autopay through the Portal from launch through last month:	3,114
# of Customers enrolled in paperless billing from launch through last month:	3,799
# of customers registered for pay by text from launch through last month:	2,223

## FINANCIAL

### Treasurer's Report and Investment Activity

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

We continue to monitor interest rates to find viable options for the investment of the funds from the CD that expired in April. It is currently being held in the Illinois Funds account where the interest rate remains higher than the CD rates available today.

### Annual Audit

Lauterbach & Amen performed their fieldwork for the audit the week of May 23<sup>rd</sup>. We only have a few items left to provide them at this time.

### User Billing

Detailed billing information is attached to this report.

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

## USER BILLING SUMMARY

### User Charge System

Billings for May 2022 were as follows:

User	\$270,814.19
Surcharge	19,977.74
Monthly fees	380,112.33
Total	<u>\$670,904.26</u>
Summer Usage Adjustment	\$0.00
Billable Flow	132,104,483
Budgeted Billable Flow	131,415,915
% Actual/Budgeted Billable Flow	100.52%
YTD Billable Flow	272,279,509
YTD Budgeted Billable Flow	269,774,520
% Actual/Budgeted Billable Flow	100.93%

The user accounts receivable balance on 5/31/2022 is \$636,554.12 and consists of:

Current charges due 6/15/2022	\$534,389.62
Past due charges and penalty	102,164.50
Total	<u>\$636,554.12</u>

The past due charges represent:

<u>Age</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$35,824.61	\$6,200.67	\$42,025.28
60 days past due	12,054.60	1,427.25	13,481.85
90 days & greater past due	38,626.36	8,031.01	46,657.37
	<u>                    </u>	<u>                    </u>	<u>                    </u>
Totals	\$86,505.57	\$15,658.93	\$102,164.50

Summary of  
Past Due Charges  
(90 Days and Over)

Five Year Comparison

**May**

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2022	\$38,626.36	\$8,031.01	\$46,657.37 ****
2021	84,924.29	13,494.61	98,418.90 ***
2020	57,672.52	7,368.53	65,041.05 ***
2019	41,508.51	5,098.57	46,607.08 **
2018	48,401.71	6,633.70	55,035.41 *

\*\*\*\*All accounts that were dug up/disconnected from sewer have been paid

\*\*\*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 4 accounts plus late fees

**Twelve Months Ending May 2022**

<u>Month</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
5/31/22	\$38,626.36	\$8,031.01	\$46,657.37
4/30/22	38,411.53	7,913.94	46,325.47
3/31/22	55,139.44	10,814.13	65,953.57
2/28/22	69,604.77	13,159.15	82,763.92
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

31 accounts were scheduled for Pre-Enforcement for May 16, 2022. Of the 31 accounts scheduled for May 16th, 10 accounts have already paid, 1 account has arrangements to pay in full by May 16th, and 1 account has been approved by DuPage County for payment.

REIMBURSEMENT PROGRAM FOR SANITARY SEWER BACKUPS  
CAUSED BY PUBLIC SANITARY SEWER BLOCKAGES

11/12/21

STREET ADDRESS	CITY	NAME	DATE OF BACKUP	DATE CLAIM RECEIVED	AMOUNT OF CLAIM	ADJUSTER RECOMMENDATION	AMOUNT PAID	DATE PAID	ADJUSTER FEE	STATUS
5712 AUBREY TERRACE	DOWNERS GROVE	WHEELER	8/19/2021	9/17/2021	755.00	PAYMENT SUGGESTED - \$755.00	755.00	10/1/2021	481.30	CLOSED
213 GRANT STREET	DOWNERS GROVE	GREATHOUSE	10/25/2021	10/29/2021	3,800.00	PAYMENT SUGGESTED - \$2,500.00	2,500.00	12/3/2021	576.80	CLOSED
5100 FAIRVIEW AVENUE	DOWNERS GROVE	J.J.C. PROPERTIES GROUP L.L.C. - Contact is f	2/8/2022	4/7/2022	278.64	PAYMENT SUGGESTED - \$278.64	278.64	4/26/2022	247.00	OPEN
745 CHICAGO AVENUE	DOWNERS GROVE	FICHT	3/11/2022		4,507.72	PAYMENT SUGGESTED - \$2,500.00 *Claimant said he filed claim with ins. BUT didn't give details...			671.40	OPEN
5812 PLYMOUTH STREET	DOWNERS GROVE	KENNY	3/24/2022	3/30/2022	1,732.36	PAYMENT SUGGESTED - \$1,643.33	1,732.36	4/22/2022	243.00	CLOSED
520 BUNNING DRIVE	DOWNERS GROVE	JOHN SUKER	5/6/2022			NO ADJUSTER -				OPEN
1035 HAVENS COURT	DOWNERS GROVE	KATE MCGIVERN	5/23/2022			NO ADJUSTER				OPEN
TOTAL NUMBER OF BACKUPS (SINCE PROGRAM START IN 1997)			247							
TOTAL NUMBER OF CLAIMS RECEIVED (SINCE PROGRAM START IN 1997)				124						
TOTAL AMOUNT OF CLAIMS RECEIVED (SINCE PROGRAM START IN 1997)					\$165,884.50					
TOTAL AMOUNT OF CLAIMS PAID (SINCE PROGRAM START IN 1997)							\$94,343.23			
TOTAL AMOUNT PAID TO ADJUSTER (SINCE PROGRAM START IN 1997)									\$19,977.45	
NUMBER OF CLAIMS (MOST RECENT 24 MOS)				4						
AVERAGE AMOUNT OF CLAIM (MOST RECENT 24 MOS)					\$1,947.81					
AVERAGE AMOUNT OF PAYMENT (MOST RECENT 24 MOS)							\$1,568.75			
AVERAGE AMOUNT PAID TO ADJUSTER PER CLAIM (MOST RECENT 24 MOS)									\$264.53	

To: Amy Underwood, General Manager  
From: Marc Majewski, Operations Supervisor  
Re: Month of May 2022, WWTC Operations Report.  
Date: June 10, 2022

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

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 13.51 MGD. Total precipitation at the WWTC was 3.63". There were 6 days of excess flow during the month of May. There were 17 days of discharge over 11 MGD.
- Activated sludge: Operating performance was ok throughout the month of May. The negative impacts that were experienced in the past few months due to rain and colder temperatures have slowly reversed. Effluent ammonia decreased in May, and the sludge settleability, while still not good, has improved significantly.
- Anaerobic Digesters: Pumped a total of 1,243,528 gallons of primary sludge, 247,696 gallons of TWAS, and 318,401 gallons of waste grease for a total of 1,809,625 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 52.2 % for May.
- Digester gas: Total digester gas production was 6,407,828 cubic feet. 93,444 cubic feet of gas was used for anaerobic digestion heat, and 5,559,021 cubic feet was used in the CHP facilities. 91,760 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 663,602 cubic feet of gas.
- Biosolids: Bio-mechanics distributed 98 dry tons of Class A biosolids in the month of May, and 155 dry tons of Class B biosolids were land applied to farm fields.
- Electricity: Overall net energy from ComEd was: -4,662 KW-Hrs. Electricity Generated by the CHP system was 442,967 KW-Hrs. Monthly net energy (including natural gas usage) was 14 MW-Hrs for the month of May.

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

## Monthly Operations Report Page 1

	WWTC Rainfall	B01 Parshall Flume Flow Max	B01 Parshall Flume Flow Min	B01 Parshall Flume Flow Avg (Daily Total)	A01 Parshall Flume Flow Max	A01 Parshall Flume Flow Avg (Daily Total)	C01 Int Clar #1 Flow Max	C01 Int Clar #1 Flow Avg (Daily Total)	Outfall 003 Flow Max	Outfall 003 Flow Avg (Daily Total)	Total Flow Leaving WWTC Avg (Daily Total)	Total Flow Leaving WWTC Max MGD	002 Outfall Flow Avg (Daily Total)
Date	inches	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD
5/1/2022	0.00	22.08	19.74	19.89	13.66	3.32	0.00	0.00	0.00	0.00	23.21	35.74	3.99
5/2/2022	0.00	21.55	14.80	18.26	0.00	0.00	0.00	0.00	0.00	0.00	18.26	21.55	0.00
5/3/2022	1.22	29.03	12.69	18.50	37.60	12.35	16.00	4.32	0.00	0.00	35.16	82.63	23.91
5/4/2022	0.00	26.84	20.23	20.94	12.29	4.21	0.00	0.00	0.00	0.00	25.15	39.14	7.34
5/5/2022	0.37	26.41	19.51	20.58	4.13	0.37	0.00	0.00	0.00	0.00	20.95	30.54	1.05
5/6/2022	0.19	22.18	11.43	20.16	15.13	3.96	0.00	0.00	0.00	0.00	24.11	37.31	6.62
5/7/2022	0.00	22.12	19.96	20.28	2.70	0.21	0.00	0.00	0.00	0.00	20.49	24.82	0.38
5/8/2022	0.00	21.63	14.75	18.17	0.00	0.00	0.00	0.00	0.00	0.00	18.17	21.63	0.00
5/9/2022	0.00	21.41	13.36	16.24	0.00	0.00	0.00	0.00	0.00	0.00	16.24	21.41	0.00
5/10/2022	0.00	18.46	10.92	13.30	0.00	0.00	0.00	0.00	0.00	0.00	13.30	18.46	0.00
5/11/2022	0.00	15.54	8.93	12.48	0.00	0.00	0.00	0.00	0.00	0.00	12.48	15.54	0.00
5/12/2022	0.00	17.11	8.45	11.67	0.00	0.00	0.00	0.00	0.00	0.00	11.67	17.11	0.00
5/13/2022	0.00	14.68	8.19	10.60	0.00	0.00	0.00	0.00	0.00	0.00	10.60	14.68	0.00
5/14/2022	0.00	14.50	6.65	9.92	0.00	0.00	0.00	0.00	0.00	0.00	9.92	14.50	0.00
5/15/2022	0.02	13.37	6.83	9.63	0.00	0.00	0.00	0.00	0.00	0.00	9.63	13.37	0.00
5/16/2022	0.00	13.69	6.94	9.66	0.00	0.00	0.00	0.00	0.00	0.00	9.66	13.69	0.00
5/17/2022	0.00	14.16	6.34	9.32	0.00	0.00	0.00	0.00	0.00	0.00	9.32	14.16	0.00
5/18/2022	0.20	16.17	6.00	10.05	0.00	0.00	0.00	0.00	0.00	0.00	10.05	16.17	0.00
5/19/2022	0.00	13.42	6.98	9.73	0.00	0.00	0.00	0.00	0.00	0.00	9.73	13.42	0.00
5/20/2022	0.45	13.77	6.06	9.37	0.00	0.00	0.00	0.00	0.00	0.00	9.37	13.77	0.00
5/21/2022	0.45	21.89	9.49	14.59	0.00	0.00	0.00	0.00	0.00	0.00	14.59	21.89	0.00
5/22/2022	0.00	18.21	9.44	11.91	0.00	0.00	0.00	0.00	0.00	0.00	11.91	18.21	0.00
5/23/2022	0.00	13.66	7.30	10.16	0.00	0.00	0.00	0.00	0.00	0.00	10.16	13.66	0.00
5/24/2022	0.00	11.88	6.70	9.57	0.00	0.00	0.00	0.00	0.00	0.00	9.57	11.88	0.00
5/25/2022	0.21	17.79	6.70	10.90	0.00	0.00	0.00	0.00	0.00	0.00	10.90	17.79	0.00
5/26/2022	0.43	21.34	8.40	12.38	0.00	0.00	0.00	0.00	0.00	0.00	12.38	21.34	0.00
5/27/2022	0.08	26.64	6.09	17.80	0.00	0.00	0.00	0.00	0.00	0.00	17.80	26.64	0.25
5/28/2022	0.01	17.69	9.46	12.75	0.00	0.00	0.00	0.00	0.00	0.00	12.75	17.69	0.00
5/29/2022	0.00	17.32	8.24	10.61	0.00	0.00	0.00	0.00	0.00	0.00	10.61	17.32	0.00
5/30/2022	0.00	13.49	7.02	9.79	0.00	0.00	0.00	0.00	0.00	0.00	9.79	13.49	0.00
5/31/2022	0.00	12.80	6.57	9.52	0.00	0.00	0.00	0.00	0.00	0.00	9.52	12.80	0.00
Minimum	0.00	11.88	6.00	9.32	0.00	0.00	0.00	0.00	0.00	0.00	9.32	11.88	0.00
Maximum	1.22	29.03	20.23	20.94	37.60	12.35	16.00	4.32	0.00	0.00	35.16	82.63	23.91
Total	3.63	570.83	314.14	418.73	85.51	24.41	16.00	4.32	0.00	0.00	447.46	672.34	43.54
Average	0.12	18.41	10.13	13.51	2.76	0.79	0.52	0.14	0.00	0.00	14.43	21.69	1.40

## Monthly Operations Report Page 2

	Tertiary Flow	MLSS Avg	Activated Sludge Inventory Lbs MLSS	Activated Sludge SRT Days	15 Minutes Aeration Settling %	30 Minutes Aeration Settling %	60 Minutes Aeration Settling %	Sludge Volume Index	System 1 RAS TSS	System 2 RAS TSS	Dupage River Outfall DO
Date	MGD		LBS	DAYS	mL/L	mL/L	mL/L	mL/g	mg/l	mg/l	mg/l
5/1/2022	19.89		63,915	13.49							
5/2/2022	18.26	1,595	53,787	6.47	66	51	41	313		5,674	8.0
5/3/2022	18.50	1,648	55,574	7.04	52	40	33	241	2,967		7.7
5/4/2022	20.94	1,475	49,712	5.62	42	31	26	210		6,397	
5/5/2022	20.58	1,505	50,737	5.72	56	42	34	277	3,025		7.6
5/6/2022	20.16	1,416	47,751	5.63	44	32	26	227		6,115	
5/7/2022	20.28		47,751	5.66							
5/8/2022	18.17		47,751	5.63							
5/9/2022	16.24	2,014	67,914	8.04	52	39	29	192		6,074	8.5
5/10/2022	13.30	2,230	75,196	8.93	63	48	39	213	3,467		8.3
5/11/2022	12.48	2,302	77,601	10.21	61	46	39	198		5,282	8.3
5/12/2022	11.67	1,498	50,508	6.31	62	47	39	315	2,446		
5/13/2022	10.60	1,952	65,825	9.41	44	34	29	172		4,751	
5/14/2022	9.92		65,825	9.98							
5/15/2022	9.63		65,825	10.04							
5/16/2022	9.66	2,085	70,291	11.78	58	44	36	211		4,298	8.5
5/17/2022	9.32	2,204	74,296	12.36	41	33	28	151	2,715		8.5
5/18/2022	10.05	2,046	74,284	11.36	60	46	36	228		4,367	8.5
5/19/2022	9.73	2,047	69,004	11.30	65	51	40	250			
5/20/2022	9.37	2,213	74,603	12.78	59	45	36	203		4,243	
5/21/2022	14.59		74,603	12.64							
5/22/2022	11.91		74,603	12.76							
5/23/2022	10.16	2,274	76,682	11.02	56	40	34	175		4,993	8.6
5/24/2022	9.57	2,228	75,114	10.83	54	40	34	180	2,601		8.4
5/25/2022	10.90	2,277	76,768	13.64	53	39	32	168		4,066	8.2
5/26/2022	12.38	2,122	71,542	12.68	40	32	27	153	3,358		
5/27/2022	17.80	2,126	71,676	7.51	31	24	21	112		6,916	
5/28/2022	12.75		71,676	7.54							
5/29/2022	10.61		71,676	7.38							
5/30/2022	9.79		71,676	7.34	34	27	24				
5/31/2022	9.52	2,352	79,303	7.85							8.0
Minimum	9.32	1,416	47,751.12	5.62	31.17	23.85	20.85	112.24	2,446	4,066	7.6
Maximum	20.94	2,352	79,302.52	13.64	65.74	51.19	41.31	314.71	3,467	6,916	8.6
Total	418.73	41,611	2,063,470.03	288.97	1,089.98	830.13	683.01	4,190.05	20,579	63,176	107.1
Average	13.51	1,981	66,563.52	9.32	52.05	39.57	32.52	209.45	2,940	5,265	8.2

# Monthly Operations Report Page 3

	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
5/1/2022	19.89							49	59	
5/2/2022	18.26	139			1.2	183	95.8	48	55	54.0
5/3/2022	18.50	105	46	4.5	1.9	293	92.0	44	50	53.4
5/4/2022	20.94	90			1.4	244	94.3	40	61	54.0
5/5/2022	20.58	110	56	2.7	1.0	172	94.8	42	57	53.6
5/6/2022	20.16	118						48	53	
5/7/2022	20.28							45	68	
5/8/2022	18.17							41	68	
5/9/2022	16.24	164			1.0	135	98.7	57	84	54.0
5/10/2022	13.30	195	86	1.8	1.1	122	98.7	69	92	54.2
5/11/2022	12.48	235			1.1	114	98.9	75	95	55.4
5/12/2022	11.67	255	100	1.3	1.0	97	99.1	75	94	54.7
5/13/2022	10.60							71	93	
5/14/2022	9.92							63	91	
5/15/2022	9.63							58	82	
5/16/2022	9.66	260			1.0	81	99.2	53	82	57.2
5/17/2022	9.32	285	98	1.6	1.1	85	99.0	52	73	57.6
5/18/2022	10.05	185			1.0	84	98.5	53	67	57.0
5/19/2022	9.73	250	108	3.0	1.3	105	98.6	52	88	57.2
5/20/2022	9.37							60	87	0.0
5/21/2022	14.59							55	62	
5/22/2022	11.91							46	67	
5/23/2022	10.16	258			1.2	102	99.1	41	64	57.7
5/24/2022	9.57	287	95	2.0	1.6	128	99.0	49	69	57.6
5/25/2022	10.90	290			1.5	136	98.7	55	80	58.6
5/26/2022	12.38	273	87	2.0	1.3	134	98.5	63	79	58.6
5/27/2022	17.80							50	63	
5/28/2022	12.75							47	63	
5/29/2022	10.61							64	87	
5/30/2022	9.79	218			0.9	74	99.1	70	91	58.6
5/31/2022	9.52	275	110	1.3	1.1	87	99.1	74	89	59.7
Minimum	9.32	90	46	1.3	0.90	74	92.0	40	50	0.0
Maximum	20.94	290	110	4.5	1.90	293	99.2	75	95	59.7
Total	418.73	3,992	786	20.2	21.70	2,377	1,761.1	1,013	2,314	1,013.1
Average	13.51	210	87	2.2	1.21	132	97.8	55	75	53.3

## Monthly Operations Report Page 4

	Tertiary Flow	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent TSS	Tertiary Effluent TSS Load	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
5/1/2022	19.89	108			1.7	282	98.4				
5/2/2022	18.26	120			1.3	198	98.9	7.7	7.8	7.3	7.3
5/3/2022	18.50	125	51	12.0	2.0	309	98.4	7.7	7.9	7.2	7.4
5/4/2022	20.94							7.7	7.8	7.3	7.4
5/5/2022	20.58							7.7	7.7	7.2	7.4
5/6/2022	20.16	84			1.2	202	98.6	7.7	7.7	7.2	7.4
5/7/2022	20.28	68			1.4	237	97.9				
5/8/2022	18.17	84			1.0	152	98.8				
5/9/2022	16.24	132			0.8	108	99.4	7.6	7.9	7.4	7.4
5/10/2022	13.30	148	34	3.5	1.2	133	99.2	7.6	7.9	7.3	7.3
5/11/2022	12.48	180			0.8	83	99.6	7.7	7.6	7.2	7.3
5/12/2022	11.67	200	44	1.1	1.0	97	99.5	7.6	7.6	7.2	7.3
5/13/2022	10.60	268			1.1	97	99.6	7.7	7.6	7.2	7.4
5/14/2022	9.92	256			0.9	74	99.6				
5/15/2022	9.63	210			1.1	88	99.5				
5/16/2022	9.66	252			0.9	73	99.6	7.5	7.6	7.3	7.4
5/17/2022	9.32	244	60	4.2	1.2	93	99.5	7.6	7.7	7.1	7.3
5/18/2022	10.05	216			1.3	109	99.4	7.6	7.6	7.1	7.3
5/19/2022	9.73	236	83	8.0	1.2	97	99.5	7.6	7.6	7.0	7.2
5/20/2022	9.37	240			0.9	70	99.6	7.5	7.6	7.0	7.4
5/21/2022	14.59	224			0.9	110	99.6				
5/22/2022	11.91	120			0.8	79	99.3				
5/23/2022	10.16	212			0.8	68	99.6	7.5	7.6	7.2	7.4
5/24/2022	9.57	216	47	3.8	0.8	64	99.6	7.6	7.6	7.1	7.3
5/25/2022	10.90	240			0.9	82	99.6	7.6	7.6	7.0	7.2
5/26/2022	12.38	224	61	5.3	0.8	83	99.6	7.7	7.6	7.0	7.3
5/27/2022	17.80	172			1.2	178	99.3	7.7	7.6	7.0	7.3
5/28/2022	12.75	156			0.7	74	99.6				
5/29/2022	10.61	142			0.7	62	99.5				
5/30/2022	9.79	204			0.6	49	99.7	7.6	7.7	7.2	7.3
5/31/2022	9.52	232	64	2.8	0.6	48	99.7	7.6	7.8	7.2	7.3
Minimum	9.32	68	34	1.1	0.6	48	97.9	7.5	7.6	7.0	7.2
Maximum	20.94	268	83	12.0	2.0	309	99.7	7.7	7.9	7.4	7.4
Total	418.73	5,313	444	40.7	29.8	3,399	2,880.3	167.8	169.1	157.7	161.3
Average	13.51	183	56	5.1	1.0	117	99.3	7.6	7.7	7.2	7.3

# MONTHLY OPERATIONS REPORT PAGE

## 5

	Tertiary Flow	Influent Ammonia-N	Tertiary Ammonia-N	Tertiary Effluent Ammonia-N Load	Chlorine Residual	Fecal Coliform
Date	MGD	mg/l	mg/l	lbs/day	mg/l	col/100ml
5/1/2022	19.89	4.88	0.15	24.9		
5/2/2022	18.26	10.12	1.10	167.5		
5/3/2022	18.50	4.80	1.10	169.7	0.03	3
5/4/2022	20.94	3.92	0.11	19.2	0.02	
5/5/2022	20.58	6.44	0.94	161.3		0
5/6/2022	20.16					
5/7/2022	20.28					
5/8/2022	18.17	6.76	0.26	39.4		
5/9/2022	16.24	9.48	1.28	173.4		
5/10/2022	13.30	11.04	1.38	153.0	0.02	
5/11/2022	12.48	12.06	0.59	61.4	0.02	0
5/12/2022	11.67	14.82	0.78	75.9		0
5/13/2022	10.60					
5/14/2022	9.92					
5/15/2022	9.63	13.24	0.13	10.4		
5/16/2022	9.66	19.56	0.18	14.5		
5/17/2022	9.32	17.44	0.32	24.9	0.02	1
5/18/2022	10.05	19.08	0.26	21.8	0.02	0
5/19/2022	9.73	18.60	0.71	57.6		
5/20/2022	9.37					
5/21/2022	14.59					
5/22/2022	11.91	10.08	0.18	17.9		
5/23/2022	10.16	15.32	0.14	11.9		
5/24/2022	9.57	14.84	0.33	26.3	0.02	0
5/25/2022	10.90	16.00	0.27	24.5	0.02	0
5/26/2022	12.38	15.20	0.36	37.2		
5/27/2022	17.80					
5/28/2022	12.75					
5/29/2022	10.61	9.84	0.11	9.7		
5/30/2022	9.79	11.10	0.10	8.2		
5/31/2022	9.52	19.38	0.10	7.9	0.02	0
Minimum	9.32	3.92	0.10	7.9	0.02	0.0
Maximum	20.94	19.56	1.38	173.4	0.03	3.0
Total	418.73	284.00	10.88	1,318.6	0.16	4.0
Average	13.51	12.35	0.47	57.3	0.02	1.7

### SLUDGE DATA

Primary Sludge	TS	2.78 %	1,243,528 Gallons
WAS to Thickener	TS	4.45 %	648,180 Gallons
TWAS to Digester 4	TS	5.23 %	247,696 Gallons
Hauled Grease to Digs	TS	6.50 %	318,401 Gallons

### Anaerobically Digested Sludge Pumping

Drying Beds	TS	2.65 %	223,020 Gallons
BFP	TS	2.39 %	1,098,413 Gallons
Lagoons	TS	2.55 %	66,360 Gallons
Total			1,387,793 Gallons

VS Destruction 52.2 %

### Biosolids Disposal

Class A Distribution	May	98 Dry Tons
Class B Hauling	May	155 Dry Tons
Total	May	253 Dry Tons
Class A Distribution	YTD	252 Dry Tons
Class B Hauling	YTD	155 Dry Tons
Total	YTD	407 Dry Tons

### ENERGY DATA

Total Digester Gas Production	6,407,828 SCF
Gas Volume per Volatile Solids Load	13.0 Cu.Ft./Lb.

### Digester Gas Utilization

Heat Exchangers	93,444 SCF
Dehumidification	663,602 SCF
CHP	5,559,021 SCF
Total	6,316,068 SCF
Digester Gas Flared	91,760 SCF

### Natural Gas Consumed

WWTC	11,433 SCF
MSB	4,967 SCF
Chemical Feed	567 SCF
5006 Walnut	2,967 SCF

Kilowatt-hours Generated CHP 442,967 KWH

Net energy from Comed -4,662 KWH

Monthly net energy 1 MWH

### MISCELLANEOUS

Grit Removal	May	20 Cu. Yds
Grit Removal	YTD	120 Cu. Yds
Anaerobic Supernate		711,656 Gallons
Waste Activated Sludge		168,474 Gals/Day
City Water Consumed		196,699 Gallons

## Monthly Operations Report Page 6

	Tertiary Flow	Influent Phosphorus	Tertiary Effluent Phosphorus	Influent Phosphorus Load	Tertiary Effluent Phosphorus Load	Phosphorus Removal %	Influent Nitrogen	Tertiary Effluent Nitrogen	Influent Nitrogen Load	Tertiary Effluent Nitrogen Load	Nitrogen Removal %	Tertiary Effluent Nitrate Grab
Date	MGD	mg/l	mg/l	lbs/day	lbs/day	%	mg/l	mg/l	lbs/day	lbs/day	%	mg/l
5/1/2022	19.89											
5/2/2022	18.26											
5/3/2022	18.50											
5/4/2022	20.94	1.58	0.92	280.7	160.7	41.8						
5/5/2022	20.58											
5/6/2022	20.16											6.08
5/7/2022	20.28											
5/8/2022	18.17											
5/9/2022	16.24											
5/10/2022	13.30						17.8	8.8	1,896.8	975.8	48.6	
5/11/2022	12.48	3.44	1.83	340.7	190.5	46.8						
5/12/2022	11.67											
5/13/2022	10.60											13.33
5/14/2022	9.92											
5/15/2022	9.63											
5/16/2022	9.66	6.14	2.72	460.0	219.1	55.7						
5/17/2022	9.32											20.34
5/18/2022	10.05											
5/19/2022	9.73											
5/20/2022	9.37											
5/21/2022	14.59											
5/22/2022	11.91											
5/23/2022	10.16	5.13	2.18	398.8	184.8	57.5						
5/24/2022	9.57											
5/25/2022	10.90											
5/26/2022	12.38											16.64
5/27/2022	17.80											
5/28/2022	12.75											
5/29/2022	10.61											
5/30/2022	9.79											
5/31/2022	9.52											
Minimum	9.32	1.58	0.92	280.7	160.7	41.8	17.8	8.8	1,896.8	975.8	48.6	6.08
Maximum	20.94	6.14	2.72	460.0	219.1	57.5	17.8	8.8	1,896.8	975.8	48.6	20.34
Total	418.73	16.29	7.65	1,480.2	755.0	201.8	17.8	8.8	1,896.8	975.8	48.6	56.39
Average	13.51	4.07	1.91	370.1	188.8	50.5	17.8	8.8	1,896.8	975.8	48.6	14.10

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

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

Permitted Feature:

001  
External Outfall

Discharge:

001-0  
COMBINED DISCHARGE FROM A01, B01, & C01

Report Dates & Status

Monitoring Period:

From 05/01/22 to 05/31/22

DMR Due Date:

06/25/22

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Amy

Last Name:

Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading				Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	8.2	=	7.8	=	7.3	19 - mg/L	0	15/30 - 15 Per Month	GR - GRAB
					Permit Req.							Req Mon MO AV MN		Req Mon MN WK AV		Req Mon DAILY MN	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	5.2	=	11.9	19 - mg/L	0	19/30 - 19 Per Month	CP - COMPOS
					Permit Req.								<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.0			=	7.7	12 - SU	0	22/30 - 22 Per Month	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	1.9	=	5.4	19 - mg/L	0	DL/DS - Daily When Discharging	CP - COMPOS
					Permit Req.								<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample								=	0.82	=	3.5	19 - mg/L	0	24/30 - 24 Per Month	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	1.65	=	2.72	19 - mg/L	0	07/30 - 7 Times Every Month	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0.1			19 - mg/L	0	11/30 - 11 Per Month	GR - GRAB
					Permit Req.								<=	0.75 MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										=	2.0	13 - #/100mL	0	11/30 - 11 Per Month	GR - GRAB
					Permit Req.										<=	400.0 DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	403.91	80 - Mgal/mo								0	99/99 - Continuous	
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo									99/99 - Continuous	
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

31 days of discharge. 4 days combined with A01 and 1 day combined with C01.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2022-06-08 08:28 (Time Zone: -05:00)
<i><b>Report Last Signed By</b></i>	
User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2022-06-08 11:30 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

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

Permitted Feature:

002  
External Outfall

Discharge:

002-0  
MIXING CHAMBER OVERFLOW TO ST JOSEPH CRK

Report Dates & Status

Monitoring Period:

From 05/01/22 to 05/31/22

DMR Due Date:

06/25/22

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample										=	7.3	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MN	19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	13.0		13.0	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.							<=	30.0 MO AVG	<=	45.0 WKLY AVG		19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.3				=	7.7	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							=	7.1		=	7.1	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.							<=	30.0 MO AVG	<=	45.0 WKLY AVG		19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample										=	3.5	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	1.2		=	1.36	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								Req Mon MO AVG		Req Mon DAILY MX		19 - mg/L			
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							=	0.4				19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.							<=	0.75 MO AVG				19 - mg/L			
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										=	21.0	13 - #/100mL	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										<=	400.0 DAILY MX	13 - #/100mL			
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	43.54	80 - Mgal/mo								0	DL/DS - Daily When Discharging	
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo										
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

4 days of discharge.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry

Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2022-06-08 08:56 (Time Zone: -05:00)
<i>Report Last Signed By</i>	
User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2022-06-08 11:30 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permittee:DOWNERS GROVE SANITARY DISTRICT

Permittee Address:2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

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

Facility Location:5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Permitted Feature:003  
External Outfall

Discharge:003-0  
EXCESS FLOW TO ST JOSEPH CREEK

Report Dates & Status

Monitoring Period:From 05/01/22 to 05/31/22

DMR Due Date:06/25/22

Status:NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:Amy

Last Name:Underwood

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2022-06-08 08:57 (Time Zone: -05:00)
<i>Report Last Signed By</i>	
User:	reeseberry
Name:	Dorrance Berry
E-Mail:	rberry@dgsd.org
Date/Time:	2022-06-08 11:30 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

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

Permitted Feature:

A01  
External Outfall

Discharge:

A01-0  
EXCESS FLOW FROM EXCESS FLOW CLARIFIERS

Report Dates & Status

Monitoring Period:

From 05/01/22 to 05/31/22

DMR Due Date:

06/25/22

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:

Amy

Last Name:

Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample										=	46.4	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample										=	26.1	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample										=	7.79	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	1.54	=	1.91	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	24.41	80 - Mgal/mo								0	DL/DS - Daily When Discharging	CN - CONTIN
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo									DL/DS - Daily When Discharging	CN - CONTIN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

6 days of discharge. 1 day was continued from event at end of April 2022 into May 1st. Event 1: 5/3/22 to 5/7/22, discharging for 63.3 hours. 1.78 inches of rain over 35 hours. B01 flow rate at A01 start time: 15,392 gpm.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2022-06-08 09:29 (Time Zone: -05:00)

Report Last Signed By

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2022-06-08 11:30 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permitted Feature:B01  
External Outfall

Permittee:DOWNERS GROVE SANITARY DISTRICT

Permittee Address:2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

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

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

Facility Location:5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Report Dates & Status

Monitoring Period:From 05/01/22 to 05/31/22

DMR Due Date:06/25/22

Status:NetDMR Validated

Considerations for Form Completion

W0430300002 ; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:Amy

Last Name:Underwood

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample										=	54.7	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon MO MAX	15 - deg F			
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample							=	7.8	=	7.6	19 - mg/L	0	03/DW - 3 Days Every Week	GR - GRAB	
					Permit Req.							>=	6.0 MN WK AV	>=	5.0 DAILY MN	19 - mg/L				
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.0			=	7.4	12 - SU	0	05/DW - 5 Days Every Week	GR - GRAB	
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU				
					Value NODI															
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0	--	Sample									=	280.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.										Req Mon DAILY MX	19 - mg/L				
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	117.22	=	308.54	26 - lb/d		=	1.0	=	2.0	19 - mg/L	0	07/WK - Seven Per Week	CP - COMPOS	
					Permit Req.	<=	2202.0 MO AVG	<=	4404.0 DAILY MX	26 - lb/d		<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L				
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample									=	8.8	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.										Req Mon DAILY MX	19 - mg/L				
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	4	--	Sample	=	57.33	=	173.41	26 - lb/d		=	0.47	=	1.38	19 - mg/L	0	05/DW - 5 Days Every Week	CP - COMPOS	
					Permit Req.	<=	275.0 MO AVG	<=	550.0 DAILY MX	26 - lb/d		<=	1.5 MO AVG	<=	3.0 DAILY MX	19 - mg/L				
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample									=	2.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.										Req Mon DAILY MX	19 - mg/L				
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample									=	6.8	19 - mg/L	0	01/30 - Monthly	CA - CALCTD	
					Permit Req.										Req Mon DAILY MX	19 - mg/L				
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	1.91	=	2.72	19 - mg/L	0	04/30 - Four Per Month	CP - COMPOS	
					Permit Req.								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI															
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample							=	1.76	=	1.76	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI															
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample									=	212.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.										Req Mon DAILY MX	19 - mg/L				
					Value NODI															
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross	0	--	Sample									=	0.0	23 - %	0			
					Permit Req.									<=	10.0 MAXIMUM	23 - %				
					Value NODI															

50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	13.51	=	20.94	03 - MGD								0	99/99 - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous		
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									=	0.028	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRAB		
					Permit Req.									<=	0.05 DAILY MX	19 - mg/L		02/DA - 2 Days Every Week	GR - GRAB		
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample								=	1.73	=	3.0	13 - #/100mL	0	02/DA - 2 Days Every Week	GR - GRAB	
					Permit Req.									<=	200.0 GEO MEAN		Req Mon DAILY MX		13 - #/100mL	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	132.08	=	293.11	26 - lb/d			=	1.2	=	1.9	19 - mg/L	0	04/07 - Four Per Week	CP - COMPOS	
					Permit Req.	<=	1835.0 MO AVG	<=	3670.0 DAILY MX	26 - lb/d				<=	10.0 MO AVG	<=	20.0 DAILY MX		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI																

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2022-06-08 09:34 (Time Zone: -05:00)

Report Last Signed By

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2022-06-08 11:30 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

DOWNERS GROVE SANITARY DISTRICT  
2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

Facility:  
Facility Location:

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

Permitted Feature:

C01  
External Outfall

Discharge:

C01-0  
EXCESS FLOW FROM INTERMEDIATE CLARIFIER #1

Report Dates & Status

Monitoring Period:

From 05/01/22 to 05/31/22

DMR Due Date:

06/25/22

Status:

NetDMR Validated

Considerations for Form Completion

W0430300002 ; NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample										=	25.8	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample										=	23.6	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample										=	4.84	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	1.28		=	1.28	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								Req Mon MO AVG			Req Mon DAILY MX	19 - mg/L			
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	4.32	80 - Mgal/mo								0	DL/DS - Daily When Discharging	CN - CONTIN
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo										
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

1 day of discharge. Event 1: 5/3/22, discharging for 10.7 hours. 1.22 inches of rain over 10 hours. B01 flow rate at C01 start time: 16,913 gpm.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2022-06-08 09:36 (Time Zone: -05:00)

Report Last Signed By

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2022-06-08 11:30 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permittee:DOWNERS GROVE SANITARY DISTRICT

Permittee Address:2710 CURTISS STREET PO BOX 1412  
DOWNERS GROVE, IL 60515

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

Facility Location:5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Permitted Feature:INF  
Influent Structure

Discharge:INF-L  
INFLUENT MONITORING

Report Dates & Status

Monitoring Period:From 05/01/22 to 05/31/22

DMR Due Date:06/25/22

Status:NetDMR Validated

Considerations for Form Completion

W0430300002

Principal Executive Officer

First Name:Amy

Last Name:Underwood

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample							=	210.0			19 - mg/L	0	09/99 - See Permit	CP - COMPOS	
					Permit Req.								Req Mon MO AVG			19 - mg/L				
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample							=	177.0			19 - mg/L	0	09/99 - See Permit	CP - COMPOS	
					Permit Req.								Req Mon MO AVG			19 - mg/L				
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample									=	17.8	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.										Req Mon DAILY MX	19 - mg/L				
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample									=	6.14	19 - mg/L	0	04/30 - Four Per Month	CP - COMPOS	
					Permit Req.										Req Mon DAILY MX	19 - mg/L				
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	12.78	=	21.3	03 - MGD							0	99/99 - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2022-06-08 10:16 (Time Zone: -05:00)

Report Last Signed By

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2022-06-08 11:30 (Time Zone: -05:00)

# DOWNERS GROVE SANITARY DISTRICT

## M E M O

TO: Amy Underwood, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: June 9, 2022

SUBJECT: May 2022 Maintenance Report

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

Special projects in May included:

### **Raw Sewage Pump 3 – Overhaul & Wear Ring Replacement**

Raw sewage pump 3 was removed from service to investigate the low output performance. Once the pump was removed, we identified that the cause was the impeller and volute wear rings were severely worn and needed to be replaced. To replace the wear ring on the impeller, the pump would have to be completely disassembled. When doing so, this would now require a complete overhaul and the replacement of the mechanical seal.

Once the pump was disassembled, we also discovered that the area where the mechanical seal rides on the impeller was grooved and needed to be re-sleeved. This has now become a complex and very expensive repair!

District maintenance staff replaced the stainless-steel wear rings on the impeller and in the volute of the pump. The impeller and shaft were sent out to Hydro-Aire to have the tungsten steel sleeve replaced in the mechanical seal area. After the sleeve was replaced on the impeller, the assembly was balanced and machined as necessary to true up any out-of-roundness on the new sleeve and wear ring.

After we received the impeller and shaft back from Hydro-Aire, District staff re-assembled the pump with new bearings, grease seals, O-rings and installed a new mechanical seal. The pump has been re-installed and is operating as expected. The low output flow rate issue has been resolved.

The total cost for this pump overhaul and repairs was \$32,788.29. This includes parts and services from Hydro-Aire, LAI, John Crane and Motion Industries.

### **Secondary Clarifiers 6 – Aluminum Railing Installation**

In October 2021, Secondary Clarifier 6 was sandblasted, and new protective coatings were applied on all metal surfaces. The severely rusted steel railings around the clarifier were not painted since they were going to be replaced.

The new aluminum railings for this clarifier were ordered from Breuer Metal Craftsmen in August 2021, but they were not delivered until late April 2022, due to the ongoing supply chain issues.

Once the new aluminum railings were received, District staff removed the old, deteriorated steel railings around the perimeter of the tank, and the new aluminum railings were installed. The total cost for this project was \$14,000.

### **Hobson Lift Station Pump 2 – Mechanical Seal Replacement & Shaft Repair**

Pump 2 was removed from service after we attempted to replace a leaking mechanical seal and discovered that the shaft was damaged in the area of the mechanical seal.

Removing this 250HP pump (that weighs approximately 3500 pounds) from the lift station requires a crane. Stevenson Crane assisted with the lift, and the pump was brought to the WWTC to disassemble, clean and inspect. The motor was sent to Rainbow Electric to have the damaged seal area of the shaft repaired.

The motor was disassembled to repair the shaft and perform a complete overhaul. This overhaul included the repairs to the shaft, the motor stator windings were tested, cleaned and baked, and new bearings and grease seals were installed. After the pump was reassembled and tested by Rainbow Electric, District staff reassembled the pump and reinstalled it at the lift station with the assistance from Stevenson Crane.

The total cost for this pump overhaul and motor repairs was \$6,528.46 This includes parts and services from Rainbow Electric, Gasvoda, Motion Industries and Grainger.

### **WWTC Procurements for Equipment Repairs & Planned Upgrades**

Gas Compressor - CHP Gas Cleaning System (PD Blowers Inc. \$4,415.21)

# Work Order Summary

Work Order Completion Dates from 5/2/2022 to 5/31/2022

Work Assignment	Completion Date	Equipment	NOTATIONS
26,698/36,388 Hours. Change spark plugs due to run time.	02-May-22	CHP Engine Genset #2	Replaced spark plugs with new.
Check All Fluids In The Equipment Listed Below	03-May-22	2009 Sterling LT 7500	
		2013 Wheel Loader #334	
		2014 Freightliner M2106 6 yd d	
		2015 Wheel Loader #332	
		2017 Deere 544K Wheel Loader	
Lubricate skid steer and attachment mechanisim		2019 Skid Steer	
Check All Fluids In The Equipment Listed Below		4 inch EBARA Pump (Old Jaeger)	
		6 in CH&E DSL TRSH PMP PERKIN	
		6 in CHE Diesel Trash Pump C/P	
		6 in JAEGER PUMP ( FORD )	
Pump not pumping seal failure.		Hypochlorite Bulk Mix-Dwn Pump	Replaced leaking hose element with new. Replaced flange bracket, hose clamps, flanges, and inserts. Also replaced leaking valves and unions related to pump system.
Check All Fluids In The Equipment Listed Below		Portable Generator 150	
		Portable Generator 200	
		Portable Generator 350	
		WWTC ODS Pump Air Compressor	
Replace small cooling filters for ABS #2	04-May-22	Aeration Blower ABS #2	
Procure engine oil for stock.		CHP Engine Genset #1	Ordered engine oil for stock.
Replace UPS batteries for switch gear.		Hobson Lift Station	Replaced UPS batteries with new (3).
Repair leak from water line connecting tank to pump.	05-May-22	2011 Freightliner M2	Replaced leaking fittings with new.
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	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
9,681 Hours. Change oil and oil filters. Take oil sample for laboratory	06-May-22	CHP Engine Genset #1	Changed oil and oil filters. Took oil sample and sent to lab for analysis. Sample # IND-61516.
Check boiler conditioner levels in heat loop system.		CHP Heat Recovery System	Boiler conditioner levels low. Added conditioner to system, performed test to verify levels corrected. Replaced deteriorated valve and fittings with new material from stock.

Work Assignment	Completion Date	Equipment	NOTATIONS
25,724 / 34,760 Hours. Change oil and oil filters. Take oil sample for 1	09-May-22	CHP Engine Genset #2	Changed oil and oil filters. Took oil sample and sent to lab for analysis. Sample # IND-61519.
500 Hour Oil Change on Pearth 4		Digester 4 Mixing System	
Seasonal Open/Close of 003 30" drain line by Ebarra pumps		Excess Flow Pump 10	
		Excess Flow Pump 11	
		Excess Flow Pump 12	
Check, Remove,Clean. Grease-debris from wells		Excess Flow Pump Station	
Monthly Cross Collector Check		Primary Clarifier 3	
		Primary Clarifier 4	
		Primary Clarifier 5	
		Primary Clarifier 6	
		Primary Clarifier 7	
		Primary Clarifier 8	
		Primary Clarifier 9	
Check, Remove,Clean. Grease-debris from wells		Raw Sewage Pump Station	
68,000 miles. Van will not start replace battery.	10-May-22	2015 Ford Transit Connect XL	Replaced battery with new. Tightened all battery connections.
Investigate shutdown, HMI no power & VFD fault.	11-May-22	CHP Gas Cleaning System	Determined 24 VDC power supply had failed. Replaced with new from stock. No reorder.
Repair leaks and check discharge line for blockage.		Hypochlorite Feed Pump 1	Checked discharge line, clear. Adjusted / throttled down carrier water supply valve. Replaced leaking ball valve with new, and replaced O-rings on 1" in line check valve.
Install new aluminum railings around the perimeter of the tank.		Secondary Clarifier 6	Remove the old rusted out steel railings and install the new aluminum railings. The new railings were fabricated by Breuer Metal Craftsman.
26,916/36,552 Hours. Engine shutdown due to low utility voltage.	12-May-22	CHP Engine Genset #2	Requested Com Ed raise utility voltage and adjusted voltage regulator on generator.
Replace sluice gate thrust nuts on all four tank drains.		Excess Flow Clarifier 1	Removed and replaced thrust nuts on all four tank's sluice gate drain valves. 1" acme valve stem.
Cross collector shear pin broken, long collector chain tensioner out of		Primary Clarifier 4	Replaced shear pin on cross collector, adjusted chain tensioner and tested.
FY 21-22 masonry project.	13-May-22	Bar Screen Building	
		Laboratory	Remove and replace the existing face brick above the South window opening and furnish & install new beam with plate. Caulk all of the head joints at the limestone and clay tile coping.
		Microstrainer Building	Remove and replace damaged brick on West and South facing portions of the building.
Exercise both 24" primary influent ratio valves		Tunnel From PS to Grit	
		Tunnel/Chan Primary Clarifiers	
Six Month Oil Change Intermediate Tanks 1 - 2 - 3	16-May-22	Intermediate Clarifier 1	
		Intermediate Clarifier 2	
		Intermediate Clarifier 3	
Replace battery on portable compressor.	18-May-22	2006 PORTABLE AIR COMPRESSOR	Replaced battery with new.

Work Assignment	Completion Date	Equipment	NOTATIONS
Operate Relief Valves On Heat Exchangers And Boilers		Digester 1 Heat Exchanger	
Digester 1 Mixing System Semi-Annual/2000 Hour Oil Change		Digester 1 Mixing Pump	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 2 Heat Exchanger	
Flush Pearth 2 with 3 oz of Kerosene/Oil mixture		Digester 2 Mixing System	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Operate Relief Valves On Heat Exchangers And Boilers		Excess Flow Pump Station	
Grease fittings on munters unit		Filter Building	
Exercise valves at Belt Press Building	19-May-22	Belt Filter Press	
		Belt Filter Press Building	
		Belt Press Feed Sludge Pits	
		Belt Press Polymer Mix System	
		Belt Press Sludge Conveyor	
		Belt Press Sludge Feed Pump 1	
		Belt Press Washwater System	
6000 Hour Oil Change on Unison Gas Skid Blower		CHP Gas Cleaning System	
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	
		Intermediate Sludge Pump 1	
		Intermediate Sludge Pump 2	
Exercising of secondaries 1 and 2 influent gates		Secondary Clarifier 1	
		Secondary Clarifier 2	
48.895 Miles Replace all 4 tires	20-May-22	2012 FORD F-350 LS	Just Tires installed 4 new LT275/65R18 Good Year Wrangler Tires.
Clean Office Roof Of All Debris		Administration Center	

Work Assignment	Completion Date	Equipment	NOTATIONS
25,880 / 35,570 Hours. Replace batteries due to one failing.	21-May-22	CHP Engine Genset #2	Replaced both batteries with new.
Exercising of bar screen sluice gates 1 and 2	23-May-22	Bar Screen 1	
		Bar Screen 2	
Pump turning but not moving material.		Bisulfite Feed Pump 1	Replaced pump hose element and discharge hose with new from stock. No parts order needed.
Turn on and run Chlorine Contact Tank sweep arm		Chlorine Contact Tank	
500 Hour Oil Change on Pearth 4		Digester 4 Mixing System	
Change Filters On Grit Blowers 1,2,3.		Grit Blower 1	
		Grit Blower 2	
		Grit Blower 3 Kaeser	
2000 Hour Grease of Plant Effluent Pumps		Plant Effluent Water Pump #2	
Exercising of plant water main valves		Yard Piping - City Water	
5,919/36,831 Hrs. Perform 1200 hr maintenance on engine genset. Clean.	24-May-22	CHP Engine Genset #2	Performed all tasks involved in a 1200 hour maintenance. Performed deep cleaning of engine genset.
Replace block heater that failed.		Wroble Stationary Generator	Replace block heater that failed.
Lubricate skid steer and attachment mechanisim	25-May-22	2019 Skid Steer	
3 month Greasing of 3 AUMA Actuators		Aeration Tank 10	
3 MONTH GREASE OF BFP MOYNO PUMPS		Belt Press Sludge Feed Pump 1	
		Belt Press Sludge Feed Pump 2	
2000 Hour Grease of the UNISON BLOWER MOTOR		CHP Gas Cleaning System	
2 Month grease of new WAS pump #2		Conc. Tank Thickener Pump 2	
3 month Greasing of 3 AUMA Actuators		Digester 1 Mixing Pump	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Exercise Of EBARA and Excess Pumps		Excess Flow Pump 06	
		Excess Flow Pump 07	
		Excess Flow Pump 08	
		Excess Flow Pump 09	
		Excess Flow Pump 10	
		Excess Flow Pump 11	
		Excess Flow Pump 12	
6 Month Oil Change On Bearings on Grit Pumps 1, 2, 3, & 4.		Grit Pump 1	
		Grit Pump 2	
		Grit Pump 3	
		Grit Pump 4	

Work Assignment	Completion Date	Equipment	NOTATIONS
3 Month Grease- Secondaries 1 &		Secondary Clarifier 1	
		Secondary Clarifier 2	
Test for H2S at Unison Gas skid	26-May-22	CHP Gas Cleaning System	
Check Hose Connections On #2 & #4 PEARTH Units		Digester 2 Mixing System	
		Digester 4 Mixing System	
3 Month Oil Change On Int. Draw-off Valves compressor		Interm Clarifier Sludge Bldg	
Monthly Cross Collector Check		Primary Clarifier 3	
		Primary Clarifier 4	
		Primary Clarifier 5	
		Primary Clarifier 6	
		Primary Clarifier 7	
		Primary Clarifier 8	
		Primary Clarifier 9	
Change Pre-Filters Blowers 1 - 4.	31-May-22	Blower Bag Room	
Six Month Oil Change On Concentrators 1 & 2		Concentration Tank 1	
		Concentration Tank 2	

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

DATE: June 7, 2022

TO: Amy Underwood  
General Manager

FROM: Robert Swirsky  
Sewer System Maintenance Supervisor

RE: Monthly Report – May 2022

1.	JULIE Line Markings:	Current	Year to Date
	Received	1527	4884
	In District	1444	4602
	Marked	280	966
	Man Hours	92	367
2.	Building Service:	Current	Year to Date
a.	BSSRAP TV Inspections	22	108
b.	Emergency BSSRAP Repairs	13	65
c.	Total BSSRAP Repairs	21	92
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	03
h.	Post Rodding TV	12	30
3.	Sewer backups:	Current	Year to Date
a.	Public sewer	01	04
b.	Private sewer	28	126
c.	Surcharged main	00	00
d.	Pump station	00	00
	Total	29	130
		Current	Year to Date
4.	Sewer Cleaning (DGSD personnel):	57,958 Ft.	134,436 Ft.
	a. Sewer Cleaning (outside contractors):	0 Ft.	0 Ft.
5.	Main Sewer Televising (DGSD personnel):	482 Ft.	2,201 Ft.
	a. Sewer Televising (outside contractors):	17,727 Ft.	17,727 Ft.
6.	LETS TV	0	2
7.	Manhole inspections	0	0

8. Sewer and manhole repairs and replacements by Uno Construction:  
Replaced the frame and cover – Manhole 2A-007.
9. Miscellaneous: (sewer system personnel)
  - a. Upload Flow-Meters.

**CC: WDVb, AES, JMW, RTJ, KJR, MS, CSS, MPG**

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

DATE: June 7, 2022

TO: Amy R. Underwood  
General Manager

FROM: Keith Shaffner  
Sewer Construction Supervisor

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

- | 1. | Permits issued: | Current  | Year to Date |
|----|-----------------|----------|--------------|
| a. | Single family   | 6        | 26           |
| b. | Multiple family | 0        | 1            |
| c. | Commercial      | 1        | 3            |
| d. | Repair          | 0        | 4            |
| e. | Disconnection   | <u>2</u> | <u>13</u>    |
|    | Total           | 9        | 47           |
- 
- | 2. | Inspections made:      | Current  | Year to Date |
|----|------------------------|----------|--------------|
| a. | Connections            | 14       | 37           |
| b. | Finals                 | 1        | 15           |
| c. | Repairs                | 2        | 10           |
| d. | Disconnects            | 3        | 17           |
| e. | Groundwork             | 0        | 0            |
| f. | Walk-Thru              | 0        | 0            |
| g. | Pre-connections        | 2        | 4            |
| h. | Overhead Sewer Program | 0        | 0            |
| i. | Code Enforcement       | 1        | 4            |
| j. | Lateral testing        | <u>2</u> | <u>19</u>    |
|    | Total                  | 25       | 106          |
- 
3. New Sewer Extension Construction:
- 6149 Janes Sanitary Sewer Extension
- 
4. New Sewer Extension Testing - air, deflection, manhole, and televising:
- 4014 Venard Sewer Main Extension
- 
5. Code Enforcement:
- None

6. Plan & Permit Reviews:

- a. 4952 Main – Commercial Review
- b. 4809 Seeley – Single Family Home Review
- c. 4014 Venard – Single Family Septic Conversion Review
- d. 4025 Venard - Single Family Septic Conversion Review
- e. 4804 Montgomery – Single Family Home Review
- f. 4809 Seeley – Single Family Home Review

7. Building Sanitary Service Access Agreements:

- a. 4014 Venard – Downers Grove
- b. 4025 Venard – Downers Grove
- c. 812 Red Stable – Oak Brook

8. Illinois EPA Permits:

7361 Lemont – Panera Bread / 20PE  
7135 Dunham – Kapovich Subdivision / 21PE  
1055 63<sup>rd</sup> – Sewer Extension / 7 PE

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, JMW, KJR, RTJ, MJS, CSS, RPS & MGP

# Permits Issued: MAY 2022

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2022	26	812	RED STABLE	OB	5/4/2022	SF	\$3,563.00	\$241.00
2022	42	4014	VENARD	DG	5/14/2022	SF-SC	\$3,563.00	\$241.00
2022	40	4804	MONTGOMERY	DG	5/16/2022	SF	\$3,563.00	\$241.00
2022	43	4809	SEELY	DG	5/16/2022	SF	\$3,563.00	\$241.00
2022	91	4722	WASHINGTON	DG	5/17/2022	SF-RB		\$241.00
2022	38	4722	WASHINGTON	DG	5/11/2022	DISCON		
2022	39	4525	MIDDAUGH	DG	5/11/2022	DISCON		
2022	41	4025	VENARD	DG	5/14/2022	SF-SC	\$3,563.00	\$241.00
2022	44	4952	MAIN	DG	5/26/2022	COM		\$400.00
TOTAL:							\$17,815.00	\$1,846.00

# Permit Final Inspections: MAY 2022

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2021	36	4026	EARLSTON	DG	5/11/2022

## Progress Report

To: Amy Underwood, General Manager  
From: Reese Berry, Laboratory Supervisor  
Date: June 8, 2022  
Re: May 2022 Laboratory Report

DGSD had 4 excess flow sampling days in May 2022. We had zero permit excursions in May.

### **Procurement:**

We have experienced very large delays in obtaining supplies over the past few months. We've started ordering supplies and keeping more stock onsite, which we also run the risk of certain items expiring on our shelf.

We received some items this month, which alleviates some stress on laboratory staff. The dishwasher and water purification units are fixed and operating normally.

### **Pretreatment:**

DGSD started sampling at Industrial customers in the month of May. We have locations to sample in June, so we can evaluate data to ensure each location is within their permitted parameters. Each permitted industrial customer also needs to sample their locations by the end of June 2022 as required in their permit.

We are trying to complete the semi-annual sampling requirements for our Influent, Effluent and Biosolids as required by our permit. Due to the extremely wet spring, we have been delayed, so we're waiting for an opportunity to sample in normal flow conditions.

### **Biosolids:**

May is a scheduled month for biosolids sampling, so we are currently waiting for all testing results to be completed by contract laboratories.

### **Personnel:**

The month of May brought vacations for staff, with a couple scheduled for June as well. We will begin Surcharge sampling during weeks we are fully staffed starting in June.

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

To: Amy Underwood, General Manager  
From: Alex Bielawa, Staff Engineer  
Re: Engineering Report for the Month May, 2022  
Date: June 7, 2022

## **I. Planning Projects & Studies**

### **A. Flow Monitoring**

Cycle G meters were installed. Analysis of Cycle F data is ongoing. Several flow meters were installed in downtown Downers Grove to capture flows in order to inform decisions on near-term I/I removal which is needed in anticipation of a new development being constructed downtown.

### **B. Sanitary Sewer Televising Contract**

Sewertech LLC has begun work on this year's contract.

### **C. 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.

### **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 coming months.

### **E. OSEC Generator Unit**

The electrical issues are still being investigated by Baxter & Woodman and Concentric Integration.

### **F. Dewatering Press Pilot**

PW Tech is on-site the week of June 6<sup>th</sup> to run a dewatering press pilot. This pilot is being run to look at alternative methods to dry our biosolids coming out of the digesters.

## II. Design Projects

### A. Curtiss Street Sewer Lining

Congressman Sean Casten was able to secure \$1,080,000 for the lining of both of the Curtiss Street trunk sewers through the federal government's Fiscal Year 2023 Appropriations package. Staff has sent review comments back to Baxter & Woodman. Please see the Baxter & Woodman Client Status Report for more information.

### B. Administration Building Improvements

The project will be advertised on June 9<sup>th</sup> with a bid opening set for June 30<sup>th</sup>.

### C. WWTC & Lift Station Code Walk-Through

The walk-throughs for the WWTC and Lift Stations will be done in late July/ early August.

### D. Painting Services

The Painting Services Contract is being advertised on June 9<sup>th</sup> with a bid opening set for June 30<sup>th</sup>. Several interior buildings and tunnels will be included in this year's contract.

## III. Construction Projects

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

The remaining restorations and punch list items have been completed. The remaining retainage in the amount of \$14,762.06 has been included in Claim Ordinance 1914 to be paid to Performance Construction & Engineering. The project is now closed out.

### B. Centex Lift Station Replacement

Berger Excavating Contractors, Inc. did not submit a Pay Request this month.

A	Original Contract Sum	A		\$1,455,000.00
B	Net Change by Change Orders to Date	B	+	\$0.00
C	Contract Sum to Date	A+B = C		<hr/> \$1,455,000.00

D	Total Completed and Stored to Date	D		\$67,750.00
E	Retainage	E	-	\$6,775.00
F	Total Earned Less Retainage	D-E= F		<hr/> \$60,975.00

G	Less Previous Certificates for Payment	Previous Payments	-	\$60,975.00
H	<b>Current Payment Due</b>	<b>F-G= H</b>		<hr/> <b>\$0.00</b>

The Contractor is in the processing of preparing shop drawings for review. It is expected that this project will be delayed due to long lead times on the electrical components. The Contractor will provide an updated schedule once the control panel shop drawing is approved.

#### **C. Outfall 001 Sanitary Sewer Repair**

Work has begun on the access road leading back to the outfall sewer.

#### **IV. Miscellaneous**

I attended the following meetings in the month of May:

- CSWEA Annual Conference May 18-19.

C: BOT, BOLI, CS & MGP

# Downers Grove Sanitary District



## Client Manager:

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

Project Status Report Issued On: 5/26/2022

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	None.	Assist District with analysis.	None	5/19/2022
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.	5/18/2022
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		5/16/2022
Outfall Sewer Sag CS Job Number: [180237.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	10/31/2022	Contracts, Preconstruction Meeting, Project Initiation Tasks	General Construction Administration, Construction Observation		5/16/2022
Centex PS Replacement - CS Job Number: [181059.60]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	8/1/2022	Ongoing construction administration tasks and submittal review	Submittal Review, Ongoing GCA/RPR Tasks.		5/16/2022
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.	5/16/2022

Project Title/Job	Project Manager	Completion Date	Tasks Completed This Period	Tasks Pending This Period	Items Waiting On Client	Status Date
Curtiss Street CIPP Lining Job Number: [211126.40]	Reggie Jansen 815-444-3391 rjansen@baxterwoodman.com	5/30/2022	Continue to wait for funding source	Wait for funding source		5/16/2022
Admin Building Remodel Job Number: [220125.40]	Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com	6/30/2022	Support OEMA with final plans & specs.	Finalize plans and spec. Advertise for bid.	None.	5/17/2022
2022 Miscellaneous Engineering Services Job Number: [220150.00]	Derek Wold 815-444-3335 dwold@baxterwoodman.com	12/31/2022	OSEC replacement review, unsewered area maps, and general assistance.	Assistance as request.	None.	5/18/2022
WWTC & LS Code Review Job Number: [220537.30]	Jason Ruffatti 815-444-3237 jruffatti@baxterwoodman.com	8/31/2022	Meet with DGSD to finalize code determination. Schedule site visits.	Finalize and prepare for site visits.		5/17/2022

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



- Legend**
- 2021 Phase III Mainlines Replaced
  - Failed Review
  - Replaced**
  - 2018 Replacement
  - 2016 Sanitary Sewers Replaced
  - Parcels Assessment/Real Estate
  - SWNETMHG
  - Manholes
  - Mainlines
  - 1K-028 Parcels**
  - Inspection Needed
  - Status**
  - 1A Has a Cleanout And All PVC Service
  - 1B All PVC Service No OSCO
  - 2A C/O Installed, Ready For Rehab
  - 2AI C/O Installed Needs Investigation
  - 2B Agreement Received Ready For C/O
  - 2BC Agreements Received, C/O & TV Needed
  - 2D BSSRAP/OHSP TV Done
  - 3A Released For Cleanout
  - 4 Inspection Done Agreements Needed
  - 4A Has An Existing Cleanout
  - 5 Scheduled For An Inspection
  - 5A Inspection Done Qualifies for BSSRAP
  - 5B Unable to TV
  - 5BX Unable to TV, Violation
  - 5X Violation
  - X Demolished/Vacant

## 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	Y	Y	N	Y	Y	N/A	19	8%
1B	Y	Y	N	N	N	N/A	1	0%
2A	Y	Y	Y	Y	Y	N	82	36%
2B	Y	Y	Y	Y	Y	N	17	7%
2D	Y	Y	Y	N	N	N	3	1%
3A	Y	Y	Y	Y	N	N	4	2%
4	Y	Y	N	N	N	N	38	17%
4A	N	N	N	N	N/A	N	4	2%
5	Y	N	N	N	N	N	0	0%
5A	Y	Y	N	N	N	N	11	5%
5AX	Y	Y	N	N	N	N	0	0%
5B	Y	N	N	N	N	N	12	5%
5BX	Y	N	N	N	N	N	1	0%
0	N	N	N	N	N	N	30	13%
X	-	-	-	-	-	-	5	2%
5X	-	-	-	-	-	-	1	0%

### 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

228

100%

11% Complete

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

Combined pit violations found and corrected to date - 0

Storm pit violations found and corrected to date - 2

# DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE 5/31/2022

## CASH BALANCES

ACCOUNT NAME	ACCOUNT NUMBER	BALANCE PER BANK STATEMENT	PREVIOUS MONTH		
			TOTAL BALANCE PER BANK STATEMENTS	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT PERCENTAGE
DEPOSIT	XXXXXXXX1116	\$2,864,915.37			
DISBURSEMENT	XXXXXXXX1111	304,695.71			
FLEXIBLE BENEFITS	XXXXXXXX6025	2,747.99			
PAYROLL	XXXXXXXX1117	198,244.01			
PETTY CASH	XXXXXXXX1112	3,592.52			
USER REFUNDS	XXXXXXXX1114	5,083.18			
<b>TOTAL - CASH AT BANK</b>		<b>\$3,379,278.78</b>	<b>\$3,103,870.35</b>	<b>\$414.39</b>	<b>0.0134%</b>

## INVESTMENTS

TYPE	FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	ANNUAL INT. RATE	GENERAL CORPORATE FUND (01)	IMPROVEMENT FUND (02)	CONSTRUCTION FUND (03)	PUBLIC BENEFIT FUND (05)	SEWER EXTENSION FUND (71)	INTEREST EARNED AT MATURITY
CD	PEOPLES BANK **	13 MOS	8/2/2022	\$250,000.00	0.250%	\$250,000.00					\$677.08
TOTAL CDs				\$250,000.00	0.271%	\$250,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$677.08

TYPE	FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT*	CURRENT RATE OF RETURN						ESTIMATED ANNUAL RETURN
MM	AXOS BANK	ONGOING	10/30/2020	\$249,882.83	0.200%	\$249,882.83					\$499.77
MM	BANKFINANCIAL	ONGOING	3/13/2013	\$250,273.89	0.200%	\$250,273.89					\$500.55
MM	ONE WEST BANK	ONGOING	11/9/2016	\$250,000.00	0.300%	\$250,000.00					\$750.00
MM	EVERGREEN BANK GROUP	ONGOING	2/23/2021	\$250,001.10	0.200%	\$250,001.10					\$0.00
MM	LIMESTONE BANK	ONGOING	1/25/2021	\$250,909.62	0.260%	\$250,909.62					\$652.37
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	\$250,014.86	1.150%	\$250,014.86					\$2,875.17
MM	PEOPLES 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	0.200%			\$250,011.91			\$500.02
MM	OLD SECOND NATIONAL BANK ***	ONGOING	11/20/2012	\$5,144.10	0.000%			\$5,144.10			\$0.00
TOTAL MM ACCOUNTS				\$2,256,402.71	0.345%	\$2,001,246.70	\$0.00	\$255,156.01	\$0.00	\$0.00	\$7,777.90
ILLINOIS FUNDS - MONEY MARKET				\$2,879,575.32	0.795%	\$1,457,517.17	\$864,059.71	\$557,998.44	\$0.00	\$0.00	\$22,892.62
<b>TOTAL - ALL INVESTMENTS</b>				<b>\$5,385,978.03</b>	<b>0.582%</b>	<b>\$3,708,763.87</b>	<b>\$864,059.71</b>	<b>\$813,154.45</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$31,347.61</b>

**TOTAL CASH AND INVESTMENTS** \$8,765,256.81

\*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.

\*\* FORMERLY KNOW AS ROYAL SAVINGS BANK

\*\*\* FORMERLY KNOWN AS WEST SUBURBAN BANK

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



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

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

## MEMORANDUM

To: Board of Trustees  
From: Amy R. Underwood, General Manager  
Date: June 10, 2022  
Subject: Treasurer's Report for May 2022

Attached please find the subject report that tracks income and expenses for the first month of Fiscal Year 22-23.

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

Year-to-date	Income	Expenses
General Fund	\$ 909,142.76 (page 1)	\$ 535,504.58 (page 6)
Improvement Fund	\$ 7,665.86 (page 7)	\$ 0.00 (page 7)
Construction Fund	\$ 18,198.24 (page 8)	\$ 0.00 (page 9)
Public Benefit Fund	\$ 0.00 (page 10)	\$ 0.00 (page 10)
TOTAL	\$ 935,006.86	\$ 535,504.58

C: BOLI, MGP, CS

=====

Fund number & Description	Ending Fund Balance
-----	
Fund 01 : GENERAL FUND	\$5,782,400.28
Fund 02 : IMPROVEMENT FUND	\$1,307,693.34
Fund 03 : CONSTRUCTION FUND	\$1,615,161.07
Fund 05 : PUBLIC BENEFIT FUND	\$37,817.83
Recap Totals	<hr/> \$8,743,072.52

## TREASURER'S REPORT

DATE 06/07/22

MONTH ENDED 05/31/22

PAGE 1

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
DEPT 05	REVENUES								
3000	PROPERTY TAXES		162,567.96-	0	162,567.96-	0	162,567.96-	.0	1,339,900-
3001	USER RECEIPTS		277,134.95-	269,803-	277,134.95-	269,803-	7,331.95-	2.7	3,692,500-
3002	SURCHARGES		35,178.60-	22,798-	35,178.60-	22,798-	12,380.60-	54.3	312,000-
3004	PLAN REVIEW FEES		.00	125-	.00	125-	125.00	100.0-	500-
3005	CONSTRUCTION INSPECTION FEES		.00	120-	.00	120-	120.00	100.0-	500-
3006	PERMIT INSPECTION FEES		1,846.00-	1,700-	1,846.00-	1,700-	146.00-	8.6	20,000-
3007	INTEREST ON INVESTMENTS		1,262.11-	600-	1,262.11-	600-	662.11-	110.4	7,000-
3013	SAMPLING AND MONITORING		11,136.21-	8,750-	11,136.21-	8,750-	2,386.21-	27.3	105,000-
3014	REPLACEMENT TAXES		60,108.26-	12,900-	60,108.26-	12,900-	47,208.26-	366.0	85,000-
3015	MISCELLANEOUS INCOME		230.00-	833-	230.00-	833-	603.00	72.4-	10,000-
3021	TELEVISION INSPECTION		.00	0	.00	0	.00	.0	150-
3023	PROPERTY LEASE PAYMENTS		3,016.46-	2,967-	3,016.46-	2,967-	49.46-	1.7	35,600-
3024	MONTHLY SERVICE FEES		340,894.41-	331,407-	340,894.41-	331,407-	9,487.41-	2.9	4,535,600-
3027	GREASE WASTE		15,767.80-	17,500-	15,767.80-	17,500-	1,732.20	9.9-	210,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	.00	.0	500,000
3040	RENEWABLE ENERGY CREDITS		.00	0	.00	0	.00	.0	3,000-
3094	GRANTS AND INCENTIVES		.00	0	.00	0	.00	.0	1,150,000-
=====									
DEPT 05 TOTALS			909,142.76-	669,503-	909,142.76-	669,503-	239,639.76-	35.8	11,006,750-
=====									
FUND REVENUE TOTAL			909,142.76-	669,503-	909,142.76-	669,503-	239,639.76-	35.8	11,006,750-
=====									
DEPT 11	O & M EXPENSES - ADMINISTRATION								
=====									
SECT A	SALARIES AND WAGES								
A001	TRUSTEES		4,500.00	4,500	4,500.00	4,500	.00	.0	18,000
A002	BOLI		.00	225	.00	225	225.00-	100.0-	900
A003	GENERAL MANAGEMENT		19,624.99	30,037	19,624.99	30,037	10,412.01-	34.7-	256,600
A004	FINANCIAL RECORDS		21,524.03	26,298	21,524.03	26,298	4,773.97-	18.2-	211,350
A005	ADMINISTRATIVE RECORDS		2,833.38	3,367	2,833.38	3,367	533.62-	15.9-	27,250
A006	ENGINEERING		235.83	642	235.83	642	406.17-	63.3-	5,150
A007	CODE ENFORCEMENT		34,655.14	43,821	34,655.14	43,821	9,165.86-	20.9-	367,100
A008	SAFETY ACTIVITIES		4,653.90	5,979	4,653.90	5,979	1,325.10-	22.2-	48,000
A030	BUILDING AND GROUNDS		127.63	153	127.63	153	25.37-	16.6-	1,350
A085	INCENTIVE		200.00	0	200.00	0	200.00	.0	0
A090	WORK FROM HOME REIMBURSEMENT ALLOWANCE		75.00	650	75.00	650	575.00-	88.5-	5,200
=====									
SECT A TOTALS			88,429.90	115,672	88,429.90	115,672	27,242.10-	23.6-	940,900
=====									
SECT B	OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY		385.22	1,000	385.22	1,000	614.78-	61.5-	10,000
B101	NATURAL GAS		198.48	150	198.48	150	48.48	32.3	3,000
B102	WATER, GARBAGE AND OTHER UTILITIES		52.24	200	52.24	200	147.76-	73.9-	1,250
B110	BANK CHARGES		1,811.72	1,950	1,811.72	1,950	138.28-	7.1-	23,200
B112	COMMUNICATION		2,159.75	2,500	2,159.75	2,500	340.25-	13.6-	29,200
B113	EMERGENCY/SAFETY EQUIPMENT		2,701.24	3,500	2,701.24	3,500	798.76-	22.8-	30,000
B115	EQUIPMENT/EQUIPMENT REPAIR		483.08	12,600	483.08	12,600	12,116.92-	96.2-	169,700

TREASURER'S REPORT

DATE 06/07/22  
FUND 01 GENERAL FUND

MONTH ENDED 05/31/22

PAGE 2

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
B116	SUPPLIES		256.80	600	256.80	600	343.20-	57.2-	6,800
B117	EMPLOYEE/DUTY COSTS		1,302.01	2,100	1,302.01	2,100	797.99-	38.0-	24,750
B118	BUILDING AND GROUNDS		993.48	3,300	993.48	3,300	2,306.52-	69.9-	167,000
B119	POSTAGE		5.94	630	5.94	630	624.06-	99.1-	7,550
B120	PRINTING/PHOTOGRAPHY		.00	400	.00	400	400.00-	100.0-	12,700
B121	USER BILLING MATERIALS		5,290.29	7,150	5,290.29	7,150	1,859.71-	26.0-	84,150
B124	CONTRACT SERVICES		.00	12,525	.00	12,525	12,525.00-	100.0-	150,300
B137	MEMBERSHIPS/SUBSCRIPTIONS		.00	750	.00	750	750.00-	100.0-	8,500
=====									
SECT B TOTALS			15,640.25	49,355	15,640.25	49,355	33,714.75-	68.3-	728,100
=====									
SECT C VEHICLES									
C222	GAS/FUEL		.00	200	.00	200	200.00-	100.0-	2,000
C225	OPERATION/REPAIR		.00	650	.00	650	650.00-	100.0-	2,600
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	12,000
=====									
SECT C TOTALS			.00	850	.00	850	850.00-	100.0-	16,600
=====									
DEPT 11 TOTALS									
			104,070.15	165,877	104,070.15	165,877	61,806.85-	37.3-	1,685,600
=====									
DEPT 12 O & M EXPENSES - WWTC									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		6,018.25	6,086	6,018.25	6,086	67.75-	1.1-	48,800
A009	OPERATIONS MANAGEMENT		9,492.13	12,524	9,492.13	12,524	3,031.87-	24.2-	108,550
A010	MAINTENANCE - BUDGET		.00	80,108	.00	80,108	8,490.90-	10.6-	696,250
A011	MAINTENANCE - WWTC		49,029.67	0	49,029.67	0	.00	.0	0
A013	MAINTENANCE - ENERGY RECOVERY		199.10	0	199.10	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL		22,388.33	0	22,388.33	0	.00	.0	0
A020	WWTC - BUDGET		.00	70,106	.00	70,106	5,004.84	7.1	561,750
A021	WWTC - OPERATIONS		57,426.46	0	57,426.46	0	.00	.0	0
A022	WWTC - SLUDGE HANDLING		16,316.69	0	16,316.69	0	.00	.0	0
A023	WWTC - ENERGY RECOVERY		1,367.69	0	1,367.69	0	.00	.0	0
A030	BUILDING AND GROUNDS		10,729.90	13,184	10,729.90	13,184	2,454.10-	18.6-	107,250
=====									
SECT A TOTALS			172,968.22	182,008	172,968.22	182,008	9,039.78-	5.0-	1,522,600
=====									
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		8,583.78	4,500	8,583.78	4,500	4,083.78	90.8	53,600
B101	NATURAL GAS		946.17	600	946.17	600	346.17	57.7	10,400
B102	WATER, GARBAGE AND OTHER UTILITIES		5,152.21	6,000	5,152.21	6,000	847.79-	14.1-	48,400
B103	ODOR CONTROL		.00	200	.00	200	200.00-	100.0-	3,000
B104	FUEL - GENERATORS		.00	3,125	.00	3,125	3,125.00-	100.0-	12,500
B112	COMMUNICATION		1,858.78	2,500	1,858.78	2,500	641.22-	25.7-	24,900
B113	EMERGENCY/SAFETY EQUIPMENT		1,786.67	4,000	1,786.67	4,000	2,213.33-	55.3-	43,600
B116	SUPPLIES		1,168.97	2,750	1,168.97	2,750	1,581.03-	57.5-	31,350
B117	EMPLOYEE/DUTY COSTS		950.07	2,100	950.07	2,100	1,149.93-	54.8-	26,000
B124	CONTRACT SERVICES		.00	0	.00	0	.00	.0	222,600
B130	NPDES PERMIT FEES		.00	0	.00	0	.00	.0	53,000

DATE 06/07/22  
FUND 01 GENERAL FUND

PAGE 3

		ACTUAL	BUDGET			ACTUAL-		
COST		CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
=====								
B131	SLUDGE HAULING/DISPOSAL SERVICES	.00	0	.00	0	.00	.0	85,000
B400	CHEMICALS - BUDGET	.00	19,150	.00	19,150	15,957.20-	83.3-	229,800
B401	CHEMICALS - DISINFECTION	3,192.80	0	3,192.80	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS	.00	5,500	.00	5,500	5,500.00-	100.0-	143,600
B502	EQPT/EQPT REPAIR - DISINFECTION	144.36	600	144.36	600	455.64-	75.9-	15,300
B503	EQPT/EQPT REPAIR - EXCESS FLOW	133.41	1,520	133.41	1,520	1,386.59-	91.2-	18,300
B504	EQPT/EQPT REPAIR - GRIT REMOVAL	.00	3,520	.00	3,520	3,520.00-	100.0-	42,300
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	314.85	5,020	314.85	5,020	4,705.15-	93.7-	60,300
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	.00	4,280	.00	4,280	4,280.00-	100.0-	51,800
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	48.01	13,780	48.01	13,780	13,731.99-	99.7-	165,800
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	.00	460	.00	460	460.00-	100.0-	5,300
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	.00	3,225	.00	3,225	3,225.00-	100.0-	38,600
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	1,744.88	5,950	1,744.88	5,950	4,205.12-	70.7-	171,400
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	1,881.40	7,190	1,881.40	7,190	5,308.60-	73.8-	86,300
B512	EQPT/EQPT REPAIR - WWTC GENERAL	960.23	3,460	960.23	3,460	2,499.77-	72.3-	41,600
B513	EQPT/EQPT REPAIR - WWTC UTILITIES	5,056.44	22,550	5,056.44	22,550	17,493.56-	77.6-	350,650
B801	BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS	.00	337	.00	337	337.00-	100.0-	4,000
B802	BLDG AND GROUNDS - DISINFECTION	.00	300	.00	300	300.00-	100.0-	3,600
B803	BLDG AND GROUNDS - EXCESS FLOW	.00	92	.00	92	92.00-	100.0-	1,100
B804	BLDG AND GROUNDS - GRIT REMOVAL	.00	137	.00	137	137.00-	100.0-	1,600
B805	BLDG AND GROUNDS - INFLUENT PUMPING	.00	4,160	.00	4,160	4,160.00-	100.0-	49,960
B807	BLDG AND GROUNDS - SECONDARY TREATMENT	.00	175	.00	175	175.00-	100.0-	2,120
B809	BLDG AND GROUNDS - SLUDGE DEWATERING	.00	1,240	.00	1,240	1,240.00-	100.0-	15,100
B810	BLDG AND GROUNDS - SLUDGE DIGESTION	11.77	310	11.77	310	298.23-	96.2-	3,715
B811	BLDG AND GROUNDS - TERTIARY TREATMENT	.00	667	.00	667	667.00-	100.0-	7,960
B812	BLDG AND GROUNDS - WWTC GENERAL	1,888.75	23,460	1,888.75	23,460	21,571.25-	92.0-	321,595
B813	BLDG AND GROUNDS - WWTC UTILITIES	.00	140	.00	140	140.00-	100.0-	1,600
		=====						
SECT B TOTALS		35,823.55	152,998	35,823.55	152,998	117,174.45-	76.6-	2,447,750
		=====						
SECT C VEHICLES								
C222	GAS/FUEL	.00	2,250	.00	2,250	2,250.00-	100.0-	24,500
C225	OPERATION/REPAIR	162.05	800	162.05	800	637.95-	79.7-	8,500
C226	VEHICLE PURCHASES	.00	0	.00	0	.00	.0	59,000
		=====						
SECT C TOTALS		162.05	3,050	162.05	3,050	2,887.95-	94.7-	92,000
		=====						
DEPT 12 TOTALS		208,953.82	338,056	208,953.82	338,056	129,102.18-	38.2-	4,062,350
		=====						
DEPT 13 O & M EXPENSES - LABORATORY								
SECT A SALARIES AND WAGES								
A009	OPERATIONS MANAGEMENT	4,744.13	9,835	4,744.13	9,835	5,090.87-	51.8-	85,250
A040	LABORATORY - BUDGET	.00	22,655	.00	22,655	1,636.24	7.2	182,800
A041	LAB - WWTC	22,241.46	0	22,241.46	0	.00	.0	0
A042	LAB - PRETREATMENT	1,272.08	0	1,272.08	0	.00	.0	0
A043	LAB - SURCHARGE PROGRAM	99.15	0	99.15	0	.00	.0	0
A048	LAB - ENERGY RECOVERY	678.55	0	678.55	0	.00	.0	0
		=====						

## TREASURER'S REPORT

DATE 06/07/22

MONTH ENDED 05/31/22

PAGE 4

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		148.26	450	148.26	450	301.74-	67.1-	4,300
B114	CHEMICALS		1,989.34	2,100	1,989.34	2,100	110.66-	5.3-	24,500
B115	EQUIPMENT/EQUIPMENT REPAIR		227.83	3,000	227.83	3,000	2,772.17-	92.4-	36,000
B116	SUPPLIES		584.14	2,500	584.14	2,500	1,915.86-	76.6-	24,900
B117	EMPLOYEE/DUTY COSTS		344.00	440	344.00	440	96.00-	21.8-	5,500
B122	MONITORING EQUIPMENT		.00	2,500	.00	2,500	2,500.00-	100.0-	9,500
B123	OUTSIDE LAB SERVICES		229.84	2,000	229.84	2,000	1,770.16-	88.5-	23,000
=====									
SECT B TOTALS			3,523.41	12,990	3,523.41	12,990	9,466.59-	72.9-	127,700
=====									
SECT C VEHICLES									
C222	GAS/FUEL		.00	100	.00	100	100.00-	100.0-	650
C225	OPERATION/REPAIR		.00	75	.00	75	75.00-	100.0-	250
C226	VEHICLE PURCHASES		.00	0	.00	0	.00	.0	18,500
=====									
SECT C TOTALS			.00	175	.00	175	175.00-	100.0-	19,400
=====									
DEPT 13 TOTALS			32,558.78	45,655	32,558.78	45,655	13,096.22-	28.7-	415,150
=====									
DEPT 14 O & M EXPENSES - SEWER SYSTEM									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		1,328.99	1,164	1,328.99	1,164	164.99	14.2	9,600
A050	SEWER MAINTENANCE - BUDGET		.00	25,346	.00	25,346	7,153.71	28.2	202,800
A051	SEWER MAINTENANCE		30,704.95	0	30,704.95	0	.00	.0	0
A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS		1,794.76	0	1,794.76	0	.00	.0	0
A060	INSPECTION - BUDGET		.00	36,794	.00	36,794	12,667.38-	34.4-	294,400
A061	INSPECTION - NEW CONSTRUCTION		1,321.64	0	1,321.64	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS		8,895.58	0	8,895.58	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS		1,780.73	0	1,780.73	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS		2,761.76	0	2,761.76	0	.00	.0	0
A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES		2,741.37	0	2,741.37	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT		6,625.54	0	6,625.54	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET		.00	192	.00	192	917.40	477.8	1,550
A072	SEWER INVESTIGATIONS		1,109.40	0	1,109.40	0	.00	.0	0
A090	WORK FROM HOME REIMBURSEMENT ALLOWANCE		.00	65	.00	65	65.00-	100.0-	650
=====									
SECT A TOTALS			59,064.72	63,561	59,064.72	63,561	4,496.28-	7.1-	509,000
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		623.37	1,200	623.37	1,200	576.63-	48.1-	13,400
B113	EMERGENCY/SAFETY EQUIPMENT		422.21	300	422.21	300	122.21	40.7	2,800
B115	EQUIPMENT/EQUIPMENT REPAIR		5,810.37	4,920	5,810.37	4,920	890.37	18.1	59,000
B116	SUPPLIES		255.65	400	255.65	400	144.35-	36.1-	4,650
B117	EMPLOYEE/DUTY COSTS		174.95	1,225	174.95	1,225	1,050.05-	85.7-	13,600
B124	CONTRACT SERVICES		.00	8,750	.00	8,750	8,750.00-	100.0-	105,000
B127	JULIE SYSTEM		.00	0	.00	0	.00	.0	16,100
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM		.00	2,000	.00	2,000	2,000.00-	100.0-	15,000

## TREASURER'S REPORT

DATE 06/07/22

MONTH ENDED 05/31/22

PAGE 5

FUND 01 GENERAL FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE		2,011.00	1,000	2,011.00	1,000	1,011.00	101.1	12,000
B900	SEWER SYSTEM REPAIRS - BUDGET		.00	10,000	.00	10,000	15,271.96-	152.7-	3,796,600
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM		5,271.96-	0	5,271.96-	0	.00	.0	0
=====									
SECT B TOTALS			4,025.59	29,795	4,025.59	29,795	25,769.41-	86.5-	4,038,150
=====									
SECT C VEHICLES									
C222	GAS/FUEL		.00	1,900	.00	1,900	1,900.00-	100.0-	22,000
C225	OPERATION/REPAIR		87.51	600	87.51	600	512.49-	85.4-	7,000
=====									
SECT C TOTALS			87.51	2,500	87.51	2,500	2,412.49-	96.5-	29,000
=====									
DEPT 14 TOTALS			63,177.82	95,856	63,177.82	95,856	32,678.18-	34.1-	4,576,150
=====									
DEPT 15 O & M EXPENSES - LIFT STATIONS									
SECT A SALARIES AND WAGES									
A006	ENGINEERING		164.10	854	164.10	854	689.90-	80.8-	6,850
A009	OPERATIONS MANAGEMENT		.00	33	.00	33	33.00-	100.0-	300
A030	BUILDING AND GROUNDS		.00	89	.00	89	89.00-	100.0-	750
A080	LIFT STATION MAINTENANCE		1,376.43	1,942	1,376.43	1,942	565.57-	29.1-	21,650
=====									
SECT A TOTALS			1,540.53	2,918	1,540.53	2,918	1,377.47-	47.2-	29,550
=====									
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		27,445.51	11,250	27,445.51	11,250	16,195.51	144.0	128,000
B104	FUEL - GENERATORS		.00	1,050	.00	1,050	1,050.00-	100.0-	3,750
B112	COMMUNICATION		363.20	600	363.20	600	236.80-	39.5-	6,300
B113	EMERGENCY/SAFETY EQUIPMENT		.00	500	.00	500	500.00-	100.0-	1,000
B116	SUPPLIES		28.90	100	28.90	100	71.10-	71.1-	300
B520	EQPT/EQPT REPAIR - BUTTERFIELD		.00	181	.00	181	181.00-	100.0-	2,175
B521	EQPT/EQPT REPAIR - CENTEX		.00	163	.00	163	163.00-	100.0-	1,950
B522	EQPT/EQPT REPAIR - COLLEGE		.00	2,880	.00	2,880	2,880.00-	100.0-	34,575
B523	EQPT/EQPT REPAIR - EARLSTON		.00	162	.00	162	162.00-	100.0-	1,940
B524	EQPT/EQPT REPAIR - HOBSON		349.56	2,920	349.56	2,920	2,570.44-	88.0-	35,000
B525	EQPT/EQPT REPAIR - LIBERTY PARK		.00	390	.00	390	390.00-	100.0-	4,660
B526	EQPT/EQPT REPAIR - NORTHWEST		.00	1,820	.00	1,820	1,820.00-	100.0-	21,850
B527	EQPT/EQPT REPAIR - VENARD		.00	320	.00	320	320.00-	100.0-	3,800
B528	EQPT/EQPT REPAIR - WROBLE		.00	770	.00	770	770.00-	100.0-	9,200
B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL		156.70	5,030	156.70	5,030	4,873.30-	96.9-	60,400
B820	BLDG AND GROUNDS - BUTTERFIELD		68.90	0	68.90	0	68.90	.0	0
B821	BLDG AND GROUNDS - CENTEX		68.90	0	68.90	0	68.90	.0	0
B823	BLDG AND GROUNDS - EARLSTON		68.90	0	68.90	0	68.90	.0	0
B824	BLDG AND GROUNDS - HOBSON		68.90	0	68.90	0	68.90	.0	20,000
B825	BLDG AND GROUNDS - LIBERTY PARK		68.90	0	68.90	0	68.90	.0	0
B826	BLDG AND GROUNDS - NORTHWEST		68.90	0	68.90	0	68.90	.0	0
B827	BLDG AND GROUNDS - VENARD		68.90	0	68.90	0	68.90	.0	5,000
B828	BLDG AND GROUNDS - WROBLE		68.90	0	68.90	0	68.90	.0	8,250
B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL		.00	2,425	.00	2,425	2,425.00-	100.0-	29,100
=====									
SECT B TOTALS			28,895.07	30,561	28,895.07	30,561	1,665.93-	5.5-	377,250
=====									

TREASURER'S REPORT

DATE 06/07/22  
FUND 01 GENERAL FUND

MONTH ENDED 05/31/22

PAGE 6

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
=====									
=====									
DEPT 15	TOTALS		30,435.60	33,479	30,435.60	33,479	3,043.40-	9.1-	406,800
=====									
DEPT 17	O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS								
SECT E	INSURANCE AND EMPLOYEE BENEFITS								
E452	LIABILITY/PROPERTY		8,736.99	9,000	8,736.99	9,000	263.01-	2.9-	231,000
E455	EMPLOYEE GROUP HEALTH		38,325.82	50,000	38,325.82	50,000	11,674.18-	23.4-	597,300
E460	IMRF		22,768.17	35,520	22,768.17	35,520	12,751.83-	35.9-	296,000
E461	SOCIAL SECURITY		26,477.43	29,400	26,477.43	29,400	2,922.57-	9.9-	245,000
=====									
SECT E	TOTALS		96,308.41	123,920	96,308.41	123,920	27,611.59-	22.3-	1,369,300
=====									
DEPT 17	TOTALS		96,308.41	123,920	96,308.41	123,920	27,611.59-	22.3-	1,369,300
=====									
DEPT 91	SA EXPENSE								
=====									
DEPT 91	TOTALS		.00	0	.00	0	.00	0	
=====									
FUND	EXPENSE TOTAL		535,504.58	802,843	535,504.58	802,843	267,338.42-	33.3-	12,515,350
=====									
FUND 01	TOTALS		373,638.18-	133,340	373,638.18-	133,340	506,978.18-	380.2-	1,508,600
=====									

## TREASURER'S REPORT

DATE 06/07/22

MONTH ENDED 05/31/22

PAGE 7

FUND 02 IMPROVEMENT FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		533.85-	25-	533.85-	25-	250-
3010	TRUNK SEWER SERVICE CHARGES		7,132.01-	7,500-	7,132.01-	7,500-	90,000-
3035	INTERFUND TRANSFER		.00	0	.00	0	500,000-
=====							
DEPT 05	TOTALS		7,665.86-	7,525-	7,665.86-	7,525-	590,250-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	0	93,200
=====							
DEPT 30	TOTALS		.00	0	.00	0	93,200
=====							
DEPT 36	CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE						
=====							
DEPT 36	TOTALS		.00	0	.00	0	0
=====							
DEPT 47	CAPITAL EXP - CENTEX LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	11,000	.00	11,000	1,538,000
=====							
DEPT 47	TOTALS		.00	11,000	.00	11,000	1,538,000
=====							
DEPT 48	CAPITAL - VENARD LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	0	50,000
=====							
DEPT 48	TOTALS		.00	0	.00	0	50,000
=====							
DEPT 74	CAPITAL EXP - SEWER - UNSEWERED AREAS						
0500	PROJECT BUDGET		.00	0	.00	0	500
=====							
DEPT 74	TOTALS		.00	0	.00	0	500
=====							
FUND	EXPENSE TOTAL		.00	11,000	.00	11,000	1,681,700
=====							
FUND 02	TOTALS		7,665.86-	3,475	7,665.86-	3,475	1,091,450
=====							

## TREASURER'S REPORT

DATE 06/07/22

MONTH ENDED 05/31/22

PAGE 8

FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		383.24-	100-	383.24-	100-	1,200-
3009	SEWER PERMIT FEES		17,815.00-	20,833-	17,815.00-	20,833-	250,000-
=====							
DEPT 05	TOTALS		18,198.24-	20,933-	18,198.24-	20,933-	251,200-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	0	28,900
=====							
DEPT 30	TOTALS		.00	0	.00	0	28,900
=====							
DEPT 31	CAPITAL EXP - WWTC - CHP BIOGAS						
=====							
DEPT 31	TOTALS		.00	0	.00	0	0
=====							
DEPT 32	CAPITAL EXP - WWTC - SECOND TURBOBLOWER						
=====							
DEPT 32	TOTALS		.00	0	.00	0	0
=====							
DEPT 33	CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING						
=====							
DEPT 33	TOTALS		.00	0	.00	0	0
=====							
DEPT 34	CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP						
=====							
DEPT 34	TOTALS		.00	0	.00	0	0
=====							
DEPT 35	CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2						
=====							
DEPT 35	TOTALS		.00	0	.00	0	0
=====							
DEPT 37	CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2						
=====							
DEPT 37	TOTALS		.00	0	.00	0	0
=====							
DEPT 38	CAPITAL EXP - WWTC - PROPERTY ACQUISITION						
=====							
DEPT 38	TOTALS		.00	0	.00	0	0
=====							
DEPT 39	CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT						

DATE 06/07/22 MONTH ENDED 05/31/22  
FUND 03 CONSTRUCTION FUND

		ACTUAL	BUDGET			
	COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====						
=====						
DEPT 39	TOTALS	.00	0	.00	0	0
=====						
DEPT 40	CAPITAL EXP - WWTC - LOAN REPAYMENT					
=====						
DEPT 40	TOTALS	.00	0	.00	0	0
=====						
FUND	EXPENSE TOTAL	.00	0	.00	0	28,900
=====						
FUND 03	TOTALS	18,198.24-	20,933-	18,198.24-	20,933-	222,300-
=====						

TREASURER'S REPORT

DATE 06/07/22 MONTH ENDED 05/31/22 PAGE 10  
 FUND 05 PUBLIC BENEFIT FUND

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

TREASURER'S REPORT

DATE 06/07/22

MONTH ENDED 05/31/22

PAGE 11

FUND 71 SEWER EXTENSIONS ESCROW

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

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

# Downers Grove Sanitary District

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

**General Manager**  
Amy R. Underwood

**Legal Counsel**  
Michael G. Philipp

**RECEIVED**

JUN 01 2022

DOWNERS GROVE  
SANITARY DISTRICT

Providing a Better Environment for South Central DuPage County

## DOWNERS GROVE SANITARY DISTRICT BUILDING SANITARY SERVICE REPAIR ASSISTANCE PROGRAM

### QUESTIONNAIRE

What is your overall impression of this program?

I have no complaints at all. Everyone was  
very kind + professional. Clean work and  
cleaner job with the finished product.

Do you have any suggestions or comments on improving the program?

Pretty perfect to me  
Can't be improved.

OPTIONAL Name:

Vasek Brzych

Address:

D.G.

Date:

5-11-2022

**Group Health Insurance and Flexible Savings Arrangement**

Please note that Amy Abell is still generally available to answer any questions you may have regarding either the group health or flex open enrollment. Please submit any enrollments electronically if you have not done so already. The deadline for open enrollment is **Friday, May 20<sup>th</sup>** for both group health and flex.

**TopHealth**

Enclosed is the June Edition of TopHealth Newsletter.

**WWTC Operations Data – April**

The DMR for April indicates that the final effluent averaged 1.6 mg/l CBOD, 1.1 mg/l suspended solids and 0.57 mg/l ammonia nitrogen over a daily average flow of 16.37 MGD. We had 2 permit excursions during the month of April.

**Sewer Permits – April**

There were 7 sewer permits issued in April – 4 single family and 3 disconnections.

**Financial Data – April**

In April, the District received \$457,594.79 in the General fund, including \$269,714 in user charges, \$20,860 in surcharges and \$323,508 in monthly fees. General fund expenses totaled \$1,009,824. The Improvement fund had revenues of \$275,353 and expenses of \$117,224. The Construction fund had revenues of \$258.83 and expenses of \$14,144.

**COVID-19**

CURRENT COVID-19 COMMUNITY LEVEL: **MEDIUM**

At this time, masks are not required in District facilities. Employees and guests may choose to wear masks at their personnel discretion. If you are at high risk for severe illness, the CDC recommends that you talk to your healthcare provider about whether you need to wear a mask and take other precautions when the local community level is at medium.

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.

## **Sewer Rehabilitation/Infiltration and Inflow Removal**

We are targeting the 1-K-028 area for private property inspections and I/I removal. Regular flow monitoring continues.

### **Status of Projects**

1) 001 Outfall Pipe Repair

The pre-construction meeting was held on May 10. Archon is expecting to start work after Memorial Day.

2) Centex Lift Station Replacement

Shop drawings are under review by Baxter & Woodman. It is expected that this project will be delayed due to long lead times on the electrical components. The Contractor will provide an updated schedule once the control panel shop drawing is approved.

3) Administration Center Modifications

The Architect expects to have completed the plans and specifications for this project soon.

4) 2022 Sewer Cleaning and Televising

The contract was awarded to Sewertech. Sewertech is expecting to start work by the end of the month.

5) Curtiss Street Trunk Sewer Rehabilitation

Congressman Sean Casten was able to secure \$1,080,000 for lining of the Curtiss Street trunk sewer through the federal government's Fiscal Year 2023 Appropriations package. We are waiting for further details on the funding.

6) WWTC/Lift Station Building Code Review

A kickoff meeting was held on May 10<sup>th</sup>. B&W and OEMA's review of the WWTC has been scheduled for July 13<sup>th</sup> and July 20<sup>th</sup>.

Since the review will be limited to highly visible items due to time and accessibility, Staff assistance is being requested in assessing the condition of the District's WWTC and lift station facilities. All employees who report to the WWTC received an e-mail with a link (which is repeated below) where they may report any infrastructure items in need of repair. An example of this is the underside of the walkway in the filter building which is deteriorating and was brought to Staff Engineer Bielawa's attention recently.

[https://www.dgsd.org/unique\\_page/condition-assessment-reporting-form/](https://www.dgsd.org/unique_page/condition-assessment-reporting-form/)

We are requesting that all suggestions be submitted by **Tuesday, May 31**. Please contact Staff Engineer, Alex Bielawa, with any questions.

**Flex Payroll Adjustments**

Employees should note that if they are participating in the District's Flexible Plan, any changes to their flex withholdings will be reflected in the first payroll **paid** after June 1 as the plan year runs from June 1 through May 31.

**Employee Anniversaries**

Congratulations to Nick Preen on 10 years of service with the district as of 06/04/22!

**COVID-19**

CURRENT COVID-19 COMMUNITY LEVEL: **HIGH**

At this time, **all employees need to wear masks when indoors.**

All employees should have received an assignment notification from Target Solutions on June 2 to read and acknowledge receipt of the revised COVID Preparedness Plan.

**Sewer Rehabilitation/Infiltration and Inflow Removal**

We are targeting the 1-K-028 area for private property inspections and I/I removal. Regular flow monitoring continues.

**Status of Projects**

1) 001 Outfall Pipe Repair

Archon is mobilizing today and expects to start work on the access road next week.

2) Centex Lift Station Replacement

Shop drawings are under review by Baxter & Woodman. It is expected that this project will be delayed due to long lead times on the electrical components. The Contractor will provide an updated schedule once the control panel shop drawing is approved.

3) Administration Center Modifications

The Architect provided final plans and specifications for District review. This project will be advertised for bids on June 9, and bids will be opened on June 30.

4) 2022 Sewer Cleaning and Televising

Sewertech has begun work.

5) Curtiss Street Trunk Sewer Rehabilitation

Congressman Sean Casten was able to secure \$1,080,000 for lining of the Curtiss Street trunk sewer through the federal government's Fiscal Year 2023 Appropriations package. The District is patiently awaiting further details on the funding.

6) WWTC/Lift Station Building Code Review

B&W and OEMA's review of the WWTC has been scheduled for July 13 and 20. The review of the lift stations has been scheduled for August 10.

Thank you to all staff who reported infrastructure items in need of repair. Staff Engineer, Alex Bielawa, is currently compiling the suggestions to provide to B&W.

7) 2022 Painting

The 2022 Painting contract will advertise on June 9, and bids will be opened on June 30. Due to supply chain issues with acquiring specialty coatings, no process equipment will be painted this year. The work will focus on the tunnels and interior building walls.

## Amy Underwood

---

**From:** Amy Underwood  
**Sent:** Friday, May 27, 2022 3:57 PM  
**To:** Adam Cioni; Adrienne Kasper; Alan Hartigan; Alex Bielawa; Alyssa Caballero; Amy Underwood; Angel Lozada; Bill Smith; Bob Swirsky; Brian Meng; Carly Shaw; Chuck Preen; Daniel Jasso; Dwayne Carpenter; Ed Bailie; Frank Furtak; Jeff Barta; Jessie Gwozdz; Joe Magiera; Jose Roche, Jr.; Keith Shaffner; Kim Giardini; Larry Cox; Malwina Serpa; Marc Majewski; Marco Rendon; Matt Richert; Megan MacQuilkin; Michelle Jasso; Mike Hayward; Nick Preen; Nick Whitefleet; Oscar Avila; Reese Berry; Rolf Flechsig; Sam Tatulli; Siamak Azarnia; Stephanie Cioni; Susan Testin; Todd Freer  
**Subject:** HIGH COVID Community Level  
**Importance:** High

Everyone,

The DuPage County COVID Community Level is now **High**. Per the District's COVID Preparedness Plan, the following procedures need to be followed when at High COVID Community Level:

- All Section 4 Work Procedures. This includes the following procedures. Please refer to Section 4 of the plan for more details.
  - o Social distancing
  - o Meeting limitations
  - o Locker room and restroom occupancy limits and traffic flow
  - o Lunchroom occupancy limitations
  - o Vehicle sharing and cleaning
  - o Inspection COVID procedures
  - o Limitations on number of customers at counter
  - o Visitor screening and procedures (online form will be reinstated on Tuesday, May 31)
  - o Plant tour conditions
- Face masks
  - o Masks must be worn by all employees and guests inside buildings and when a 6-foot social distance cannot be maintained outdoors. Please refer to Section 6.1.3 for situations where you may remove your mask.
  - o Upgraded face masks (i.e. N95, KN95 or KF94) need to be worn when entering a resident's home, when riding in a vehicle with another person and when working closely on a task with another person.

In addition to DuPage County, the District is also monitoring the surrounding counties in which employees live. At this time, Cook and Will County are also at High COVID Community Level. The District will continue to monitor this and let you know when the local level changes and the above mentioned procedures can be lifted.

Please do not hesitate to contact me or Safety Coordinator, Jessie Gwozdz, if you have any questions.

Have a great holiday weekend!

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

# Downers Grove Sanitary District

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P.O. Box 1412  
Downers Grove, IL 60515  
(630)969-0664  
[www.dgsd.org](http://www.dgsd.org)

## Amy Underwood

---

**From:** Jessie Gwozdz  
**Sent:** Thursday, June 2, 2022 11:34 AM  
**To:** Adrienne Kasper; Alex Bielawa; Alyssa Caballero; Amy Underwood; Carly Shaw; Jessie Gwozdz; Kim Giardini; Megan MacQuilkin; Michelle Jasso; Susan Testin; Joe Magiera; Sam Tatulli; Malwina Serpa; Reese Berry; Stephanie Cioni; Adam Cioni; Bill Smith; Chuck Preen; Frank Furtak; Jeff Barta; Marco Rendon; Nick Whitefleet; Rolf Flechsig; Brian Meng; Ed Bailie; Marc Majewski; Matt Richert; Nick Preen; Siamak Azarnia; Daniel Jasso; Keith Shaffner; Oscar Avila; Alan Hartigan; Angel Lozada; Bob Swirsky; Dwayne Carpenter; Jose Roche, Jr.; Todd Freer  
**Subject:** June 2022 Covid Plan Revision

To All Employees,

You will be receiving a Target Solutions assignment later today to read an update to the [COVID-19 Preparedness Plan](#). This email is to give you a quick overview of the changes.

What has changed in the District's COVID Preparedness Plan:

- The definition of Up-To-Date on vaccines has been updated to include the second booster for individuals aged 50 and up.
- Section 3.3, Employees Who Have Symptoms, has been simplified.
- Section 3.3: Addition of masking requirement through Day 10 for employees who had symptoms and are returning to work with a negative PCR test.
- The section about travel has been revised to reflect the CDC's updated guidance on both domestic and international travel. Quarantine may be required after international travel.
- The section about high-risk gatherings has been removed.

The online Visitor Form, which is in use during High Community Levels, is being updated today to reflect the latest guidance.

I always post an updated paper copy of the latest Covid Plan in each of our main workspaces: Admin, MSB, Lab, Ops, and System Garage. I am heading out on vacation through the end of next week so I would like to ask supervisors to please replace the March 2022 revision with the new June 2022 revision on the bulletin boards in those work areas.

As always, please let me know if you have any questions. For urgent Covid questions while I am on vacation, please contact your supervisor or Amy.

**Jessie Gwozdz**

Safety Coordinator | Office: (630) 969-0664 | Cell: (847) 347-0087

**DOWNERS GROVE SANITARY DISTRICT**

2710 Curtiss Street | Downers Grove, IL 60515

## Amy Underwood

---

**From:** Bruce Mitchell  
**Sent:** Saturday, June 4, 2022 2:58 PM  
**To:** Todd Freer  
**Cc:** Amy Underwood  
**Subject:** Thanks

Mr. Freer,

I want to thank you, and your team, for the timely resolution of our sewer issue yesterday.

Please pass along our gratitude to the Uno folks for their rodding skill and their persistence.

We are very appreciative that we did not need to spend the weekend without sewer services.

Great work with resource management!

Regards,

Bruce Mitchell

Sent from my iPhone

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

# Downers Grove Sanitary District

2710 Curtiss Street  
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Downers Grove, IL 60515-0703  
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**General Manager**  
Amy R. Underwood, P.E.

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

June 8, 2022

Compliance Assurance Section – MC #19  
Bureau of Water  
Illinois Environmental Protection Agency  
Sent Electronically to: [EPA.SSO.Coordinator@Illinois.gov](mailto: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 the following lift station force main break:

<u>Lift Station</u>	<u>Force Main Break Location</u>	<u>Overflow Date</u>
College	555 Thirty First St, Downers Grove	June 6, 2022

The District was notified at 8:00 a.m. on June 6, 2022 by a citizen who had been walking in the area. Shortly thereafter, District staff arrived on site, confirmed the break and observed that wastewater was surfacing and pooling in a low area.

Within an hour of being notified, the pumps were turned off, and all flow was diverted by gravity around the lift station, allowing us to continue to serve our customers.

The area around the surfacing wastewater was sandbagged to contain the wastewater, and it was then pumped out into the District's nearby gravity sewer manhole. Much of the pumped water was rainwater or groundwater.

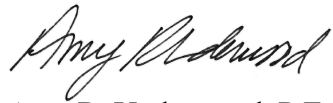
The tributary area includes residential and light commercial, with no industrial discharges. No sewage-related debris surfaced.

Repair of the force-main was completed by 11:30 a.m. on June 7, 2022, and the force-main was placed back in service.

We continue with ongoing sewer replacement and rehabilitation efforts to reduce I/I and improve collection system (including force main) performance, as described in our CMOM.

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](mailto:aunderwood@dgsd.org).

Sincerely,  
DOWNERS GROVE SANITARY DISTRICT

A handwritten signature in black ink, appearing to read "Amy Underwood". The signature is fluid and cursive, with the first name "Amy" being more prominent.

Amy R. Underwood, P.E.  
General Manager

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 (Municipality or Facility Name): Downers Grove Sanitary District	Permit Number: IL0028380	Person Representing Permittee Who Contacted IEPA: Amy R. Underwood
---	-----------------------------	---

Date: 06-06-22	Time: 11:56	AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	IEPA Office Contacted: Des Plaines	Name of IEPA Employee Contacted: Jay Patel, Linda Wong
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### Sanitary Sewer Overflow or Bypass Details

Date and Duration of Overflow or Bypass Occurrence (complete a separate form for each occurrence):

Start Date: 06-06-22	Time: 8:00	AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	Duration of the overflow or bypass (hours and minutes): 3 hours from when District was notified
-------------------------	---------------	--	--

Estimated Volume of  
Wastewater  
Discharged  
(gallons):

WWTP Flow During bypass (report in  
MGD): Not applicable for a collection  
system SSO.

unknown

Location of the Overflow or Bypass:

555 Thirty First St, Downers Grove

### Circumstances Causing the Overflow or Bypass (check all that apply)

WPC 733  
11/2011

<input type="checkbox"/> Rain	<input type="checkbox"/> Power Outage	<input type="checkbox"/> Equipment Failure	<input type="checkbox"/> Other (explain below)
<input type="checkbox"/> Snow Melt	<input checked="" type="checkbox"/> Broken Sewer	<input type="checkbox"/> Widespread Flooding	

Provide a narrative description to further explain why the overflow or bypass occurred. For example, describe what equipment failed. What caused the power outage, or what plugged the sewer. Flooding should only be indicated, as a cause if there is significant flooding that is caused by high river, stream, or lake water levels, not just localized high water in the street.

The force main from the College Lift Station broke, causing wastewater to surface.

**Wet Weather (if applicable)**

Date(s) and Duration of Rainfall:

Start Date:	Time:	AM PM	End Date:	Time:	AM PM	Amount of Rainfall (inches)	Amount of Snow Melt (inches)
_____	_____	<input type="checkbox"/> <input type="checkbox"/>	_____	_____	<input type="checkbox"/> <input type="checkbox"/>	_____	_____

Contributing Soil Conditions (saturated, frozen, soil type) \_\_\_\_\_

**Where Did the Discharge from the Overflow or Bypass Go? (check all that apply)**

Provide the name of the local receiving water that the wastewater enters, which could be a nearby stream, river, lake, or wetland. If discharge does not enter directly into surface water, but indirectly by way of a ditch or storm sewer, trace the path of the ditch or storm sewer to find the receiving water.

- ☒ Runs on ground and absorbs into the soil
- ☐ Ditch: Name of surface water it drains to: \_\_\_\_\_
- ☐ Storm Sewer: Name of surface water it drains to: \_\_\_\_\_
- ☐ Surface water direct discharge: \_\_\_\_\_
- ☐ Basement Back-ups, (Number & use (i.e.residential, commercial) of buildings affected): \_\_\_\_\_
- ☐ Other, describe: \_\_\_\_\_

**Actions to Correct This Occurrence and Prevent Future Overflows or Bypasses**

Describe what actions were taken to minimize the volume of wastewater discharged from the overflow or bypass reported on this form. Also describe what actions are planned to prevent or minimize future overflows or bypasses. Illinois law and NPDES permits prohibit overflows or bypasses, unless certain specified conditions are met. Sanitary sewer overflows and bypasses may be the subject of enforcement action.

Force main flow was shut off. The surfaced wastewater was pumped to a gravity sewer manhole. The force main was repaired, leak tested, and placed back into service by 11:30 a.m. on June 7, 2022. Ongoing sewer replacement/rehab, as described in our CMOM.

**Report Completed By**

Contact Person: Amy R. Underwood  
Street Address: 2710 Curtiss St  
PO Box: 1412  
City: Downers Grove State: IL  
Zip Code: 60515 Phone: 630-969-0664  
County: DuPage

**Authorized Representative Contact Information**

Contact Person: Amy R. Underwood  
Title: General Manager  
Street Address: 2710 Curtiss St  
PO Box: 1412  
City: Downers Grove State: IL  
Zip Code: 60515 Phone: 630-969-0664  
County: DuPage

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

Authorized Representative Name (Print)

Amy R. Underwood

Title

General Manager

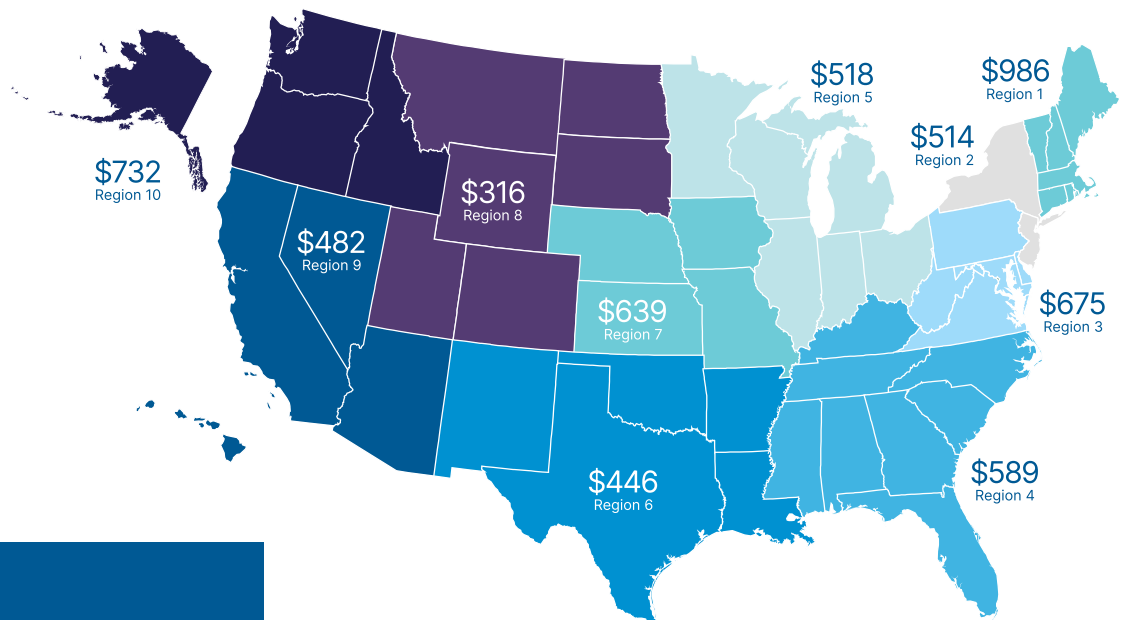
Authorized Representative Signature

06/08/2022

Date

2021

# Cost of Clean Water Index



## Regional Average Annual Charges, 2021

All Respondents

### 105 Million

POPULATION SERVED

### 171

UTILITY RESPONDENTS

### \$551

AVERAGE NATIONAL ANNUAL  
SEWER SERVICE CHARGE

### 3.1%

INCREASE IN SEWER CHARGES  
FROM 2020-2021

### 4.7%

INCREASE IN CONSUMER  
PRICE INDEX 2020-2021

## Average Charge for Wastewater Services Increased 3.1% in 2021

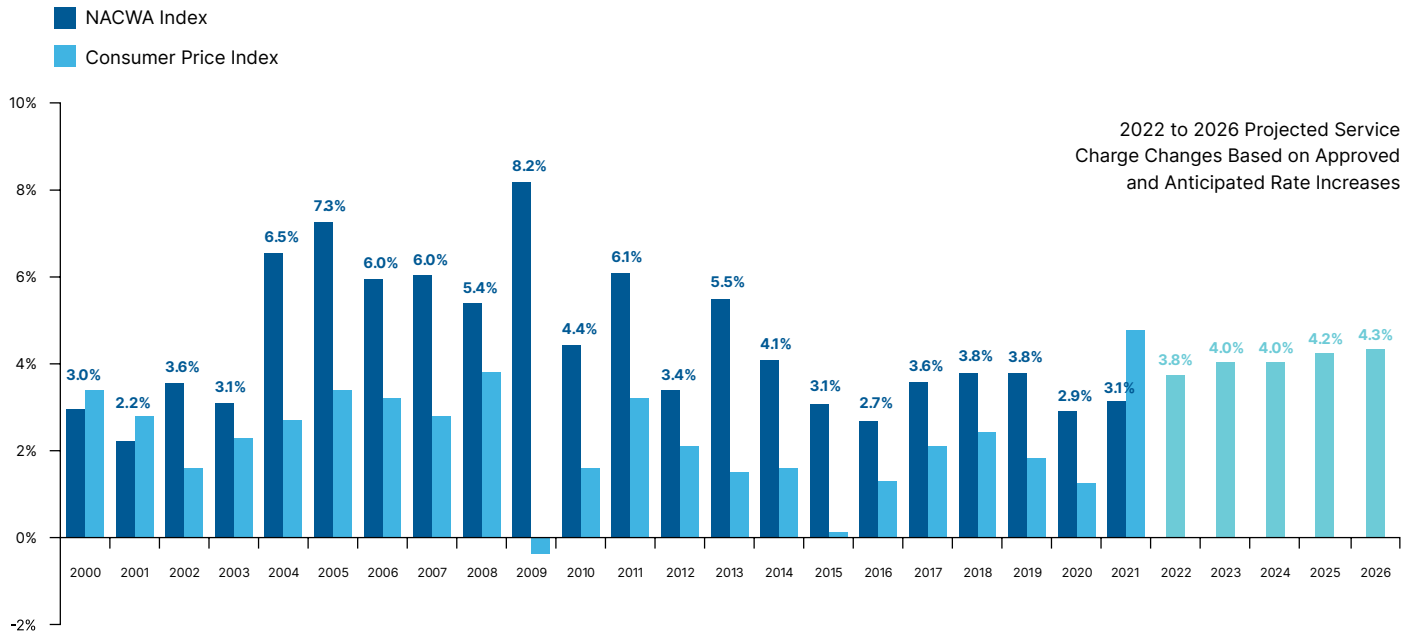
NACWA's 2021 *Cost of Clean Water Index* indicates that the average cost of wastewater services rose 3.1 percent in 2021. The increase was higher than the 2.9 percent increase in 2020, but lower than the increase in the rate of inflation as measured by the Consumer Price Index (CPI), which was 4.7 percent (see *Annual Change in Cost of Clean Water Index vs. Inflation* chart on page 2). This marks the first time in 21 years that the increase in national charges for wastewater collection and treatment services has been outpaced by inflation.

In 2021, the national average amount that a single-family residence paid for wastewater services was \$551. Wastewater service charges vary widely among EPA regions and states, and are affected by demographics, geography, system age, regulatory requirements, and a range of other issues. To illustrate these variations, the *Regional Average Annual Charge* map shows a breakdown of average charges by EPA region. The average service charge by Region varies from a low of \$316 in EPA Region 8 to a high of \$986 in EPA Region 1.



# Annual Change in Cost of Clean Water

Index vs. Inflation



The *Annual Change in Cost of Clean Water Index vs. Inflation* chart above presents a national snapshot of the increase in service charges, as compared to inflation, since 2000. Table A-1 provides additional detail, including a breakdown of *NACWA Index* values and service charges back to 1985, the base year for the *Index*. The values for 2021 are based on the responses from 171 NACWA members serving over 105 million people.

Customers pay for sewer services in a variety of ways. Charges may be based on property values, gallons of water used, on a flat rate, or include some combination of these values. Because of this variability, the NACWA Index uses what the average single-family residence pays annually because it is a more consistent measure to track the cost of services over time. In 2021, a majority of clean water utilities implemented rate structures that resulted in increases in the average annual household service charge. However, in some communities, volume-based rates increased, but average service charges dropped due to reductions in actual or estimated residential water use or decreased revenues. Additional national and regional data are included in Tables A-1 and A-3.

## Average Annual Charge Has Increased at Twice the Rate of Inflation Since 2000

The *Average Annual Service Charge* chart (page 3) presents a national snapshot of wastewater service charges since 2000 and provides a projection of average charges through 2026. In comparison to the Consumer Price Index (CPI), the annual sewer service charge has increased at double the rate of the CPI since 2000. The average annual sewer charge of \$551 represents 2.1 percent of the 2021 Federal poverty income threshold (\$26,500) for a family of four. This proportion has risen from 1.3 percent in 2000.



## Average Annual Service Charge

2000 – 2021 & Projected



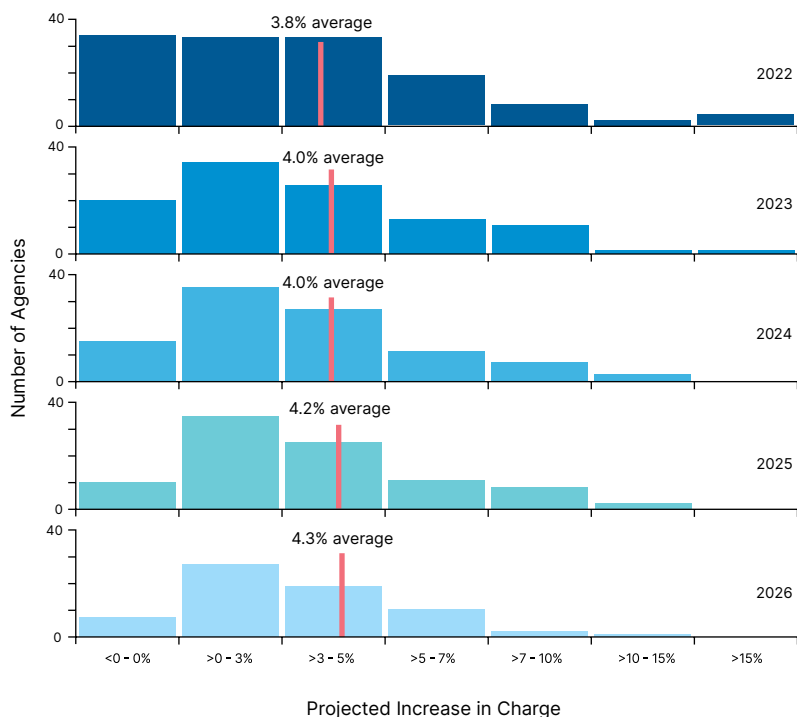
## Rates are Projected to Increase for More Agencies in 2022

While many agencies reported cancelled or postponed rate increases for 2021 due to the pandemic, the actual increase in the average service charge for 2021 outpaced the projections NACWA reported last year. Looking ahead, nearly 80% of agencies indicated rates will move upward in 2022.

From 2022-2026, rates are projected to rise by approximately four percent per year (see *Projected Increases in Charges* chart which shows the distribution of projected increases in charges among agency respondents). Replacement of aging infrastructure and associated costs of debt-financing, increasing O&M, and consent decree compliance were the top reasons cited by respondents for large projected rate increases. Additional drivers for rate increases included nutrient and other regulatory requirements as well as decreases in per capita consumption.

## Projected Increases in Charges

2022 - 2026



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

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



**Table A-1: NACWA Service Charge Index, 1985 to 2021**

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

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

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



**Table A-2: Projected Annual Service Charge Increases, 2022-2026**

	2022	2023	2024	2025	2026
<b>Average Annual Increase (%)</b>	3.8%	4.0%	4.0%	4.2%	4.3%
<b>Average Service Charge (Projected \$)</b>	\$573.30	\$601.26	\$628.91	\$658.33	\$689.57
Change from Previous Year (\$)	\$22.49	\$27.97	\$27.64	\$29.43	\$31.24
<b># of Total Responses</b>	160	156	151	147	146
<b># of Responses with Numeric Estimates</b>	138	104	97	82	71
<b>Approved</b>	45%	20%	17%	10%	6%
<b>Planned</b>	32%	53%	54%	56%	58%
<b>No Change</b>	19%	10%	7%	5%	5%
<b>Uncertain</b>	4%	17%	23%	29%	32%

**Table A-3: Regional Annual Average Sewer Service Charges, 2021 Summary**

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National
<b># of Agencies</b>	9	11	19	24	29	17	14	11	23	14	171
<b>Population</b>	3.2	13.6	11.2	10.8	19.7	12.3	4.9	3.1	21.0	5.3	105.5
<b>2021 Charge</b>											
Average	\$985.96	\$513.97	\$674.82	\$589.33	\$517.52	\$446.31	\$638.61	\$315.78	\$482.11	\$731.58	\$550.81
Median	\$551.35	\$457.48	\$513.24	\$492.96	\$481.92	\$471.96	\$439.14	\$396.17	\$511.20	\$636.53	\$496.84
Minimum	\$367.00	\$193.87	\$264.84	\$230.76	\$178.32	\$263.64	\$57.63	\$259.39	\$239.84	\$461.28	\$57.63
Maximum	\$1,125.75	\$614.40	\$987.72	\$1,017.57	\$732.98	\$926.40	\$821.04	\$522.00	\$1,325.04	\$970.80	\$1,325.04
<b>% Change<sup>(3)</sup></b>											
1-year (2020-21)	3.2%	1.7%	4.3%	3.1%	4.6%	1.6%	6.5%	3.7%	1.3%	4.1%	3.1%
3-year (2018-21)	8.3%	1.4%	15.7%	10.0%	11.8%	5.6%	13.6%	14.3%	5.1%	18.3%	10.1%
5-year (2016-21)	14.3%	12.9%	16.8%	23.6%	23.6%	13.6%	28.8%	21.9%	11.8%	28.9%	15.3%

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



**Table R-1: Service Charge Index by EPA Region (1985-2021)<sup>(1)</sup>**

Year	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National
1985	69.8	85.4	121.1	139.0	137.5	106.0	63.4	101.8	63.1	115.4	100.0
1986	80.0	89.6	137.2	144.0	141.3	121.4	68.2	101.9	68.0	124.8	106.8
1987	98.0	100.3	139.1	152.7	136.5	142.4	70.7	102.1	73.4	129.4	112.4
1988	106.2	110.1	142.8	148.1	139.5	155.2	72.2	108.8	85.2	139.0	119.9
1989	143.0	127.2	151.5	155.6	140.3	163.6	74.2	105.6	100.4	150.5	130.1
1990	166.7	147.0	154.3	163.4	145.3	176.0	73.6	115.3	114.8	158.6	141.0
1991	194.4	166.8	185.5	171.1	149.9	168.7	82.3	120.4	131.8	173.7	153.7
1992	218.5	195.3	187.1	178.4	158.0	171.0	92.8	125.8	147.6	193.0	166.7
1993	304.2	196.7	208.7	189.6	166.6	187.4	132.1	137.9	162.4	200.7	183.1
1994	306.0	222.5	213.5	203.8	173.3	191.7	141.6	136.2	173.2	224.9	193.4
1995	303.3	215.2	213.3	215.5	178.9	206.9	142.3	145.9	175.9	245.6	197.8
1996	320.6	206.4	222.6	224.2	180.4	212.1	144.9	143.9	183.2	258.7	201.7
1997	310.2	208.1	222.9	235.3	176.8	211.0	153.5	143.6	187.2	265.2	203.9
1998	314.7	214.6	228.7	234.1	177.8	208.6	160.5	145.3	196.6	272.7	207.8
1999	316.1	222.4	230.1	241.1	182.9	207.0	163.1	150.6	191.5	277.5	209.8
2000	312.6	222.1	237.2	251.5	186.7	212.3	163.9	151.2	202.0	297.5	216.4
2001	310.2	249.0	243.5	257.2	190.0	212.8	170.3	155.4	206.7	305.9	223.5
2002	316.9	268.7	242.9	261.6	201.8	219.6	175.3	154.2	215.1	338.9	232.6
2003	337.6	279.0	237.6	303.0	214.2	222.5	166.9	148.4	214.1	365.1	243.0
2004	364.5	280.9	275.4	292.0	212.7	257.9	179.7	171.2	230.3	376.7	254.8
2005	423.1	313.1	299.2	323.4	227.8	259.0	199.7	167.4	242.3	413.1	276.3
2006	438.3	328.7	319.8	308.8	250.5	278.8	231.0	169.5	260.6	352.9	287.1
2007	507.6	341.8	343.0	337.0	254.4	251.8	229.3	175.1	271.9	371.6	299.4
2008	558.8	365.1	357.3	317.6	270.5	265.3	240.7	175.5	304.5	396.5	315.4
2009	593.5	380.6	389.8	342.3	329.5	283.4	271.9	185.1	338.7	403.7	347.3
2010	587.2	386.5	398.8	386.7	353.4	281.6	268.3	194.0	411.8	403.1	371.2
2011	676.2	425.7	422.4	425.0	369.0	307.4	312.8	212.9	377.1	435.0	387.7
2012	680.2	424.3	450.2	469.4	376.7	325.4	347.7	213.4	377.1	459.3	401.6
2013	681.1	447.9	480.5	477.6	396.6	357.1	384.5	219.0	389.9	488.8	424.3
2014	703.0	468.9	474.1	454.8	425.6	361.7	427.6	226.1	408.1	497.7	436.0
2015	791.0	482.8	483.6	460.0	416.9	361.7	463.3	244.9	404.3	519.1	439.8
2016	837.1	496.7	532.6	568.7	390.1	366.7	488.5	252.3	423.9	538.8	466.3
2017	860.8	498.5	556.5	581.9	446.2	407.7	517.1	254.8	432.3	578.1	487.8
2018	891.3	515.1	538.7	566.3	421.9	449.0	533.0	281.7	433.3	602.9	489.5
2019	885.7	468.2	566.1	582.6	464.7	398.1	580.3	298.0	456.1	556.3	498.3
2020	878.5	471.8	580.0	553.8	488.7	429.1	589.2	301.6	492.0	578.0	512.3
2021	959.6	500.2	656.8	573.6	503.7	434.4	621.5	307.3	469.2	712.0	536.1
# of Responses	9	11	19	24	29	17	14	11	23	14	171
Population (millions)	3.2	13.6	11.2	10.8	19.7	12.3	4.9	3.1	21	5.3	105.5

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



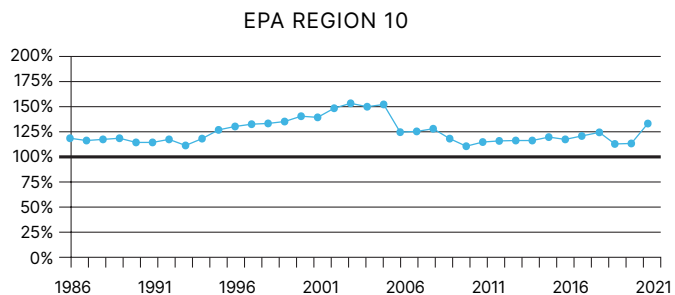
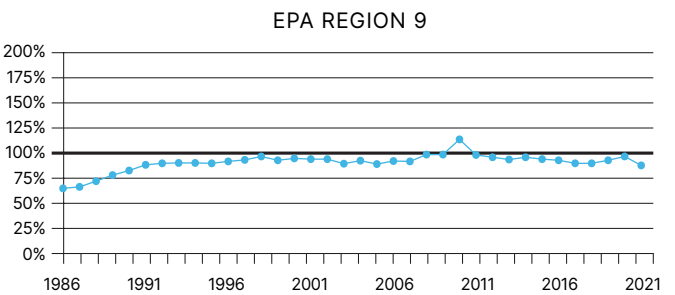
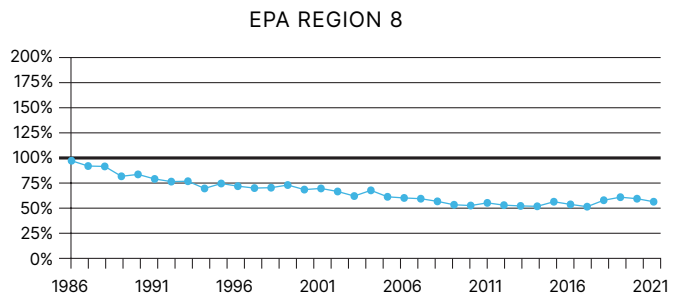
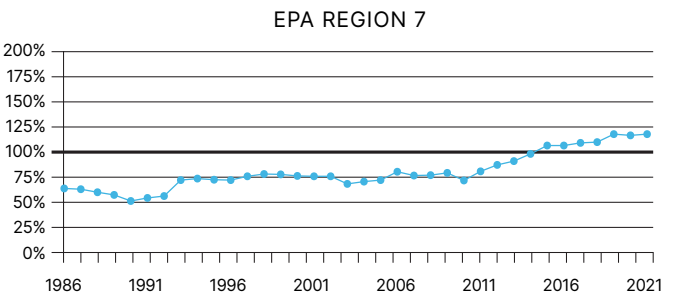
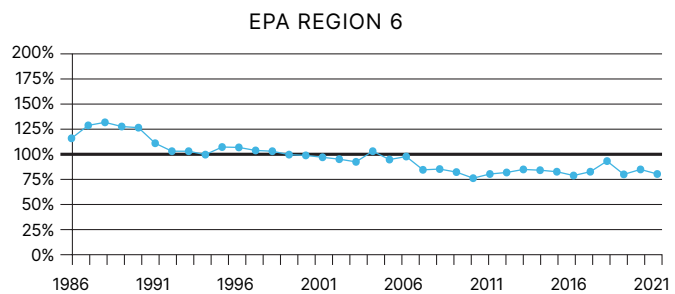
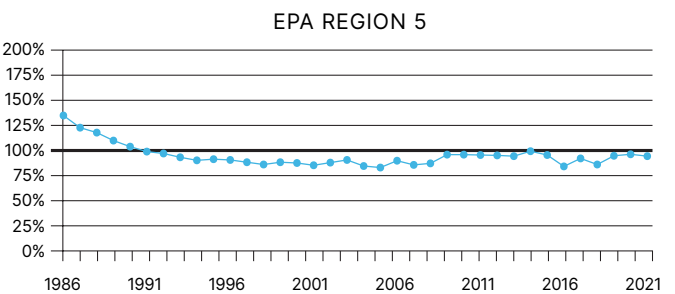
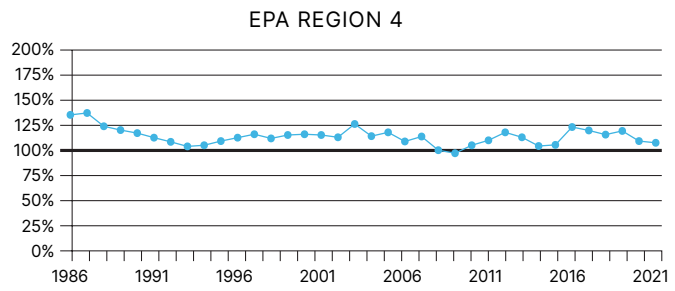
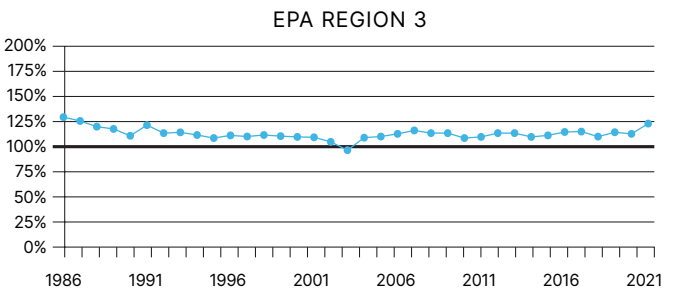
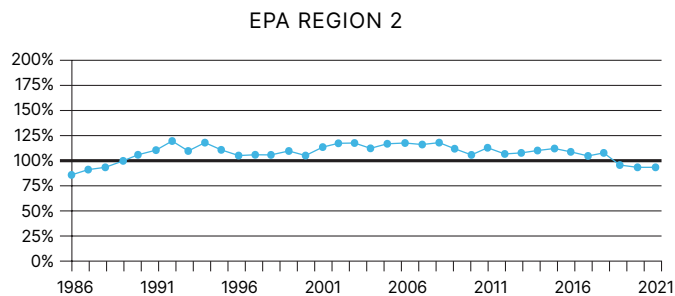
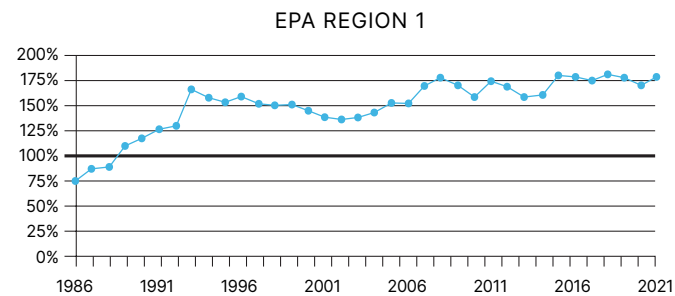
**Table R-2: Service Charge Index Change vs. Inflation Rate by EPA Region (1986-2021)<sup>(2)</sup>**

Year	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National	CPI
1986	14.6%	4.9%	13.3%	4.1%	2.7%	14.6%	7.7%	0.1%	7.7%	8.2%	6.8%	1.9%
1987	22.4%	11.9%	1.4%	6.0%	-3.4%	17.3%	3.6%	0.2%	7.9%	3.7%	5.3%	3.6%
1988	8.9%	9.8%	2.8%	3.3%	2.2%	8.8%	2.1%	6.5%	15.7%	7.4%	6.9%	4.1%
1989	34.7%	15.6%	6.1%	5.1%	0.6%	5.4%	2.7%	-3.0%	17.1%	8.2%	8.4%	4.8%
1990	20.0%	15.6%	1.9%	5.0%	3.5%	7.6%	-0.8%	9.3%	14.1%	5.4%	8.4%	5.4%
1991	16.6%	13.4%	20.3%	3.7%	3.2%	-4.2%	11.8%	4.4%	14.8%	9.5%	8.9%	4.2%
1992	12.4%	16.9%	2.0%	4.3%	5.4%	1.0%	12.8%	4.4%	11.9%	11.1%	8.5%	3.0%
1993	34.9%	1.4%	1.4%	6.9%	6.1%	9.9%	42.3%	6.9%	10.1%	3.3%	8.3%	3.0%
1994	4.0%	5.0%	2.2%	8.8%	4.0%	2.3%	10.3%	2.8%	6.6%	12.4%	5.1%	2.6%
1995	0.6%	0.9%	-1.3%	4.6%	1.1%	7.9%	-2.8%	6.1%	1.4%	9.2%	2.2%	2.8%
1996	1.8%	4.4%	4.4%	4.0%	2.1%	2.0%	1.8%	0.1%	4.2%	5.3%	3.6%	3.0%
1997	0.4%	1.2%	0.1%	6.0%	-1.8%	-0.6%	6.0%	-0.3%	2.2%	2.5%	1.3%	2.3%
1998	1.6%	3.0%	1.7%	1.6%	0.8%	-1.1%	4.6%	0.5%	5.0%	2.9%	2.4%	1.6%
1999	0.4%	1.5%	0.7%	2.8%	2.4%	-0.6%	2.5%	3.6%	-2.3%	1.9%	0.7%	2.2%
2000	0.1%	1.8%	-0.1%	3.4%	2.3%	2.6%	-2.9%	0.4%	6.0%	7.2%	3.0%	3.4%
2001	1.5%	2.3%	2.6%	3.2%	1.4%	0.5%	3.9%	2.1%	2.1%	2.8%	2.2%	2.8%
2002	1.9%	5.1%	-0.2%	1.9%	6.3%	1.6%	3.2%	-0.8%	3.9%	10.2%	3.6%	1.6%
2003	7.3%	5.3%	-0.7%	5.6%	6.2%	1.1%	1.7%	-3.7%	0.1%	4.7%	3.1%	2.3%
2004	11.8%	2.7%	16.6%	7.0%	-0.5%	14.5%	11.4%	2.9%	5.8%	5.8%	6.5%	2.7%
2005	17.4%	4.6%	6.3%	9.0%	10.6%	4.4%	11.3%	0.2%	4.6%	9.0%	7.3%	3.4%
2006	6.3%	8.0%	6.6%	3.3%	8.9%	7.2%	3.7%	1.3%	4.3%	4.6%	6.0%	3.2%
2007	10.9%	4.3%	6.7%	5.5%	3.0%	-7.5%	0.9%	3.6%	10.0%	5.6%	6.0%	2.8%
2008	5.5%	11.1%	1.7%	1.8%	3.5%	3.6%	11.3%	1.7%	6.4%	2.8%	5.4%	3.8%
2009	6.0%	6.1%	8.5%	5.5%	12.7%	7.2%	5.9%	4.0%	9.9%	3.9%	8.2%	-0.4%
2010	4.4%	2.2%	3.8%	10.7%	6.9%	0.7%	9.0%	-3.4%	4.5%	-2.4%	4.4%	1.6%
2011	5.2%	8.0%	6.3%	4.6%	5.3%	6.8%	9.8%	12.5%	4.0%	9.6%	6.0%	3.2%
2012	4.7%	1.8%	3.3%	2.6%	1.2%	4.3%	8.4%	0.1%	5.3%	4.8%	3.4%	2.1%
2013	4.8%	6.6%	8.7%	2.1%	5.0%	8.6%	10.0%	2.1%	3.8%	5.6%	5.5%	1.5%
2014	2.7%	5.0%	1.6%	5.0%	7.4%	-0.4%	7.1%	3.7%	3.8%	3.3%	4.1%	1.6%
2015	4.2%	2.2%	7.0%	0.7%	7.9%	3.0%	8.5%	8.4%	-0.8%	2.3%	3.1%	0.1%
2016	5.8%	1.2%	2.7%	3.3%	1.0%	2.4%	8.9%	3.0%	2.4%	3.9%	2.7%	1.3%
2017	2.4%	0.5%	4.1%	4.4%	3.9%	4.5%	8.8%	3.7%	3.5%	5.3%	3.6%	2.1%
2018	4.4%	3.0%	4.3%	2.1%	5.0%	9.5%	4.6%	4.2%	3.0%	3.3%	3.8%	2.4%
2019	2.7%	1.3%	4.6%	4.3%	2.5%	0.7%	5.4%	5.4%	2.5%	5.6%	3.8%	1.8%
2020	2.5%	0.8%	4.5%	1.5%	3.9%	4.4%	1.2%	4.2%	2.6%	3.7%	2.8%	1.2%
2021	3.2%	1.7%	4.3%	3.1%	4.6%	1.6%	6.5%	3.7%	1.3%	4.1%	3.1%	4.7%

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



# Regional Service Charge Index as a Percent of the National Average (1986-2021)

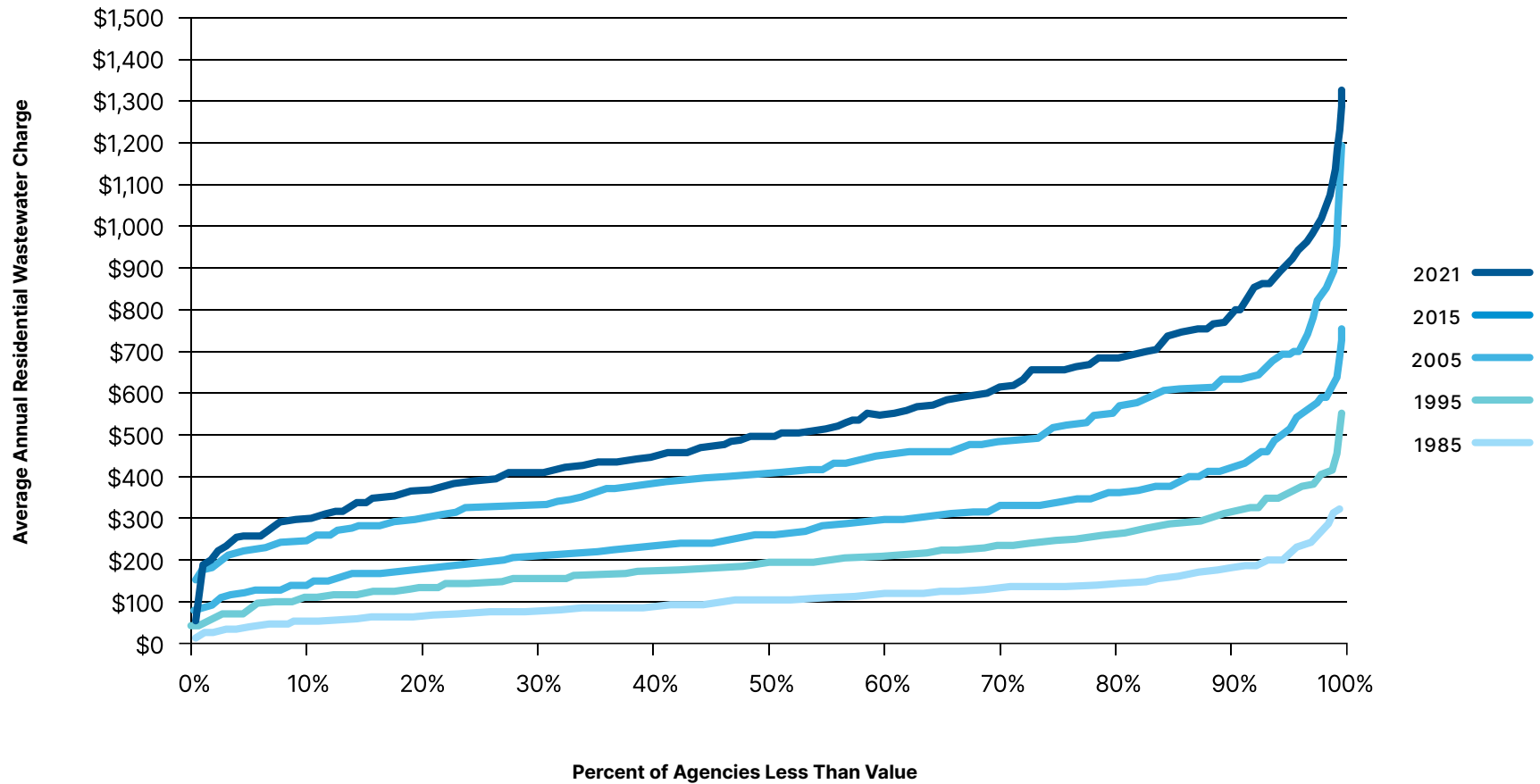


**Table R-3: Average Annual Sewer Service Charge by EPA Region (1985-2021)**

Year	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National
1985	\$71.74	\$87.74	\$124.46	\$142.85	\$141.32	\$108.90	\$65.12	\$104.57	\$64.87	\$118.54	\$102.75
1986	\$82.23	\$92.07	\$140.97	\$147.95	\$145.19	\$124.77	\$70.12	\$104.70	\$69.87	\$128.23	\$109.69
1987	\$100.65	\$103.02	\$142.94	\$156.86	\$140.29	\$146.30	\$72.68	\$104.95	\$75.39	\$132.98	\$115.51
1988	\$109.09	\$113.10	\$146.69	\$152.13	\$143.33	\$159.47	\$74.20	\$111.79	\$87.50	\$142.84	\$123.17
1989	\$146.94	\$130.73	\$155.64	\$159.89	\$144.18	\$168.07	\$76.20	\$108.46	\$103.14	\$154.60	\$133.65
1990	\$171.31	\$151.08	\$158.54	\$167.91	\$149.25	\$180.86	\$75.60	\$118.51	\$117.91	\$162.91	\$144.84
1991	\$199.77	\$171.40	\$190.65	\$175.78	\$154.06	\$173.30	\$84.55	\$123.73	\$135.38	\$178.43	\$157.88
1992	\$224.52	\$200.66	\$192.20	\$183.28	\$162.39	\$175.65	\$95.38	\$129.22	\$151.63	\$198.31	\$171.33
1993	\$312.62	\$202.08	\$214.43	\$194.79	\$171.21	\$192.52	\$135.78	\$141.67	\$166.91	\$206.26	\$188.12
1994	\$314.46	\$228.65	\$219.33	\$209.38	\$178.02	\$196.97	\$145.44	\$139.99	\$177.98	\$231.06	\$198.68
1995	\$311.61	\$221.16	\$219.13	\$221.46	\$183.78	\$212.54	\$146.26	\$149.95	\$180.75	\$252.36	\$203.22
1996	\$329.39	\$212.09	\$228.72	\$230.37	\$185.35	\$217.93	\$148.84	\$147.90	\$188.26	\$265.79	\$207.28
1997	\$318.71	\$213.84	\$229.04	\$241.79	\$181.65	\$216.85	\$157.71	\$147.52	\$192.36	\$272.46	\$209.49
1998	\$323.37	\$220.48	\$234.95	\$240.56	\$182.65	\$214.37	\$164.92	\$149.30	\$202.00	\$280.25	\$213.52
1999	\$324.77	\$228.57	\$236.39	\$247.73	\$187.89	\$212.70	\$167.56	\$154.73	\$196.78	\$285.14	\$215.61
2000	\$321.19	\$228.20	\$243.75	\$258.41	\$191.88	\$218.11	\$168.41	\$155.33	\$207.56	\$305.72	\$222.31
2001	\$318.72	\$255.85	\$250.23	\$264.27	\$195.22	\$218.68	\$174.99	\$159.72	\$212.39	\$314.30	\$229.63
2002	\$325.60	\$276.08	\$249.55	\$268.74	\$207.32	\$225.66	\$180.12	\$158.41	\$220.99	\$348.21	\$238.99
2003	\$346.87	\$286.70	\$244.16	\$311.31	\$220.11	\$228.64	\$171.49	\$152.46	\$220.01	\$375.13	\$249.71
2004	\$374.54	\$288.61	\$282.95	\$300.02	\$218.75	\$264.95	\$184.68	\$175.91	\$235.86	\$387.05	\$261.79
2005	\$434.72	\$321.74	\$307.43	\$332.32	\$234.03	\$266.10	\$205.16	\$172.02	\$248.99	\$424.45	\$283.91
2006	\$450.31	\$337.77	\$328.61	\$317.28	\$257.38	\$286.47	\$237.39	\$174.16	\$267.69	\$362.64	\$295.03
2007	\$521.61	\$351.17	\$352.44	\$346.23	\$261.41	\$258.73	\$235.62	\$179.91	\$279.37	\$381.80	\$307.60
2008	\$574.21	\$375.19	\$367.16	\$326.15	\$277.94	\$272.61	\$247.33	\$180.30	\$312.89	\$407.39	\$324.11
2009	\$609.85	\$391.05	\$400.52	\$351.74	\$338.53	\$291.17	\$279.35	\$190.15	\$347.99	\$414.82	\$356.90
2010	\$603.38	\$397.14	\$409.75	\$397.34	\$363.08	\$289.33	\$275.64	\$199.36	\$423.15	\$414.22	\$381.45
2011	\$694.75	\$437.43	\$433.97	\$436.66	\$379.11	\$315.88	\$321.44	\$218.77	\$387.45	\$447.01	\$398.57
2012	\$698.93	\$435.98	\$462.55	\$482.27	\$386.52	\$334.36	\$357.31	\$219.23	\$387.48	\$471.93	\$412.17
2013	\$699.85	\$460.26	\$493.67	\$490.74	\$407.50	\$366.93	\$395.11	\$225.02	\$400.58	\$502.29	\$435.26
2014	\$722.31	\$481.80	\$487.14	\$467.33	\$437.33	\$371.67	\$439.35	\$232.31	\$419.37	\$511.42	\$447.99
2015	\$812.79	\$496.06	\$496.90	\$472.65	\$428.34	\$371.67	\$476.01	\$251.62	\$415.45	\$533.32	\$451.93
2016	\$860.09	\$510.38	\$547.29	\$584.29	\$400.82	\$376.82	\$501.97	\$259.28	\$435.60	\$553.62	\$479.07
2017	\$884.44	\$512.25	\$571.14	\$535.72	\$455.45	\$418.89	\$531.30	\$261.82	\$444.23	\$594.02	\$501.21
2018	\$915.86	\$529.22	\$553.50	\$581.85	\$433.48	\$461.38	\$547.66	\$289.49	\$445.18	\$619.53	\$503.01
2019	\$910.06	\$481.10	\$581.64	\$598.64	\$477.49	\$409.05	\$596.24	\$306.19	\$468.63	\$571.56	\$512.00
2020	\$902.64	\$484.82	\$595.95	\$569.08	\$497.67	\$440.94	\$605.43	\$309.94	\$505.51	\$593.89	\$527.15
2021	\$985.96	\$513.97	\$674.82	\$589.33	\$517.52	\$446.31	\$638.61	\$315.78	\$482.11	\$731.58	\$550.18
# of Responses	9	11	19	24	29	17	14	11	23	14	171
Population (millions)	3.2	13.6	11.2	10.8	19.7	12.3	4.9	3.1	21.0	5.3	105.5



## Distribution Trend of Average Annual Residential Wastewater Charge (National)



# Regional Distribution of Service Charges (2021)

(Charge vs. Percent of Charges Less Than Value)

