## DOWNERS GROVE SANITARY DISTRICT GENERAL MANAGER'S REPORT February 5, 2021

### January Board Meeting

Copies of the following items are enclosed for the February 9, 2021 meeting:

- 1) Proposed Agenda
- 2) Minutes of the January 19, 2021 regular meeting
- 3) Minutes of the January 19, 2021 executive session Confidential under Separate Cover
- 4) Sherman Street Sewer Rehabilitation Contract Change Order
- 5) Claim Ordinance 1898
- 6) Proposed FY 2021-22 Budget/Five Year Plan and Appropriation Ordinance
- 7) Memo regarding final disposition of executive session records
- 8) Memo regarding General Manager review Confidential under Separate Cover

### **BOLI Meeting**

There is no BOLI meeting scheduled this month.

## **Operations Reports**

Copies of the following are enclosed for January operations:

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

#### Infiltration/Inflow Removal Work

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

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

### Financial

A copy of the Investment Schedule as of January 31, 2021 is enclosed.

The Treasurer's Report for January 2021 covering the first nine months of FY 21-22 is included here, along with a summary cover memo.

### <u>Meetings</u>

I attended the following meetings since the January 15, 2021 General Manager's report:

- January 25 attended NACWA's 2021 Region 5 Utility Leader Chat
- January 27 attended IAWA Public Funding Subcommittee Webinar on "USDA Overview of What is Available for Disadvantaged Communities"
- January 28 attended Joint Water Association Webinar hosted by NACWA, WEF, AMWA and AWWA on "Water Sector Priorities for the New Washington, DC: A 2021 Legislative and Regulatory Outlook"
- January 29 attended the IAWA Monthly Nutrient Subcommittee NARP meeting
- February 2 attended NACWA Water Quality Committee meeting

### Miscellaneous

Copies of the following items are enclosed:

- 1) BSSRAP Questionnaire responses
- 2) January 19, 2021 letter to DuPage County Health Department re: COVID vaccinations
- 3) Report to IEPA re: January 22, 2021 manhole overflow
- 4) FYE 2020 Fiscal Report to IEPA
- 5) General Manager's Report to the Employees dated January 29
- 6) 2020 Lift Station Annual Report

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

# DOWNERS GROVE SANITARY DISTRICT BOARD OF TRUSTEES MEETING FEBRUARY 9, 2021 – 7:00 PM BOARD ROOM/VIRTUAL

## PROPOSED AGENDA

- I. APPROVAL OF MINUTES
  - A. REGULAR MEETING JANUARY 19, 2021
  - B. EXECUTIVE SESSION JANUARY 19, 2021
- II. APPROVAL OF SHERMAN STREET SEWER REHABILITATION CONTRACT CHANGE ORDER
- III. APPROVAL OF CLAIM ORDINANCE NO. 1898
- IV. PUBLIC COMMENT
- V. OLD BUSINESS
- I. NEW BUSINESS
  - A. REVIEW OF FY 2021-22 BUDGET/FIVE YEAR PLAN AND APPROPRIATION ORDINANCE
  - B. REVIEW AND FINAL DISPOSITION OF EXECUTIVE SESSION RECORDS
- II. EXECUTIVE SESSION PERSONNEL

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

#### **PLEASE NOTE:**

In order to comply with Tier 1 resurgence mitigations under the Restore Illinois plan, the District will hold this meeting split physically and virtually. All Trustees and the General Manager will be physically present. A maximum of 6 individuals will be permitted in the Board room at the District Administration Center at 2710 Curtiss Street, Downers Grove, IL 60515. In the event the Public wishes to virtually attend this meeting, they may do so using the link or phone numbers provided below:

When: Feb 9, 2021 07:00 PM Central Time (US and Canada)

Topic: February Board of Trustees Meeting

LINK for Livestreamed Meeting via Zoom:

https://us02web.zoom.us/i/83426072911?pwd=VUx5eXZiN3hzMnlQalU1bVhwSzBrZz09

Passcode: 128491

Or iPhone one-tap:

US: +13126266799,,83426072911#,,,,\*128491# or +16465588656,,83426072911#,,,,\*128491#

Or Telephone:

Dial(for higher quality, dial a number based on your current location):

US: +1 312 626 6799 or +1 646 558 8656 or +1 301 715 8592 or +1 669 900 9128 or +1 253 215 8782 or

+1 346 248 7799

Webinar ID: 834 2607 2911

Passcode: 128491

## **PUBLIC COMMENT:**

The District also has an online form for the Public who wish to virtually attend or cannot attend a meeting to submit public comment. District staff shall read aloud any received public comments during the Public Comment portion of the meeting. Public comments for Public not attending the meeting in person need to be submitted before 4:00 p.m. on February 9, 2021. The form can be found here: https://www.dgsd.org/government/public-comment/







### **MINUTES**

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, January 19, 2021, convening at 7:00 p.m. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were President Wallace D. Van Buren, General Manager Amy R. Underwood and Administrative Supervisor W. Clay Campbell. Trustees Amy E. Sejnost and Paul W. Coultrap were not physically present but did attend the meeting by electronic means (both audio and video) using Zoom. Attorney for the District Michael G. Philipp and Information Coordinator Alyssa J. Caballero also attended virtually as staff. Staff Engineer Alex M. Bielawa attended virtually as a member of the public.

## **Determination to Hold Meeting Virtually**

In accordance with Illinois Senate Bill 2135, signed into law by Governor Pritzker on June 12, 2020, Trustee Van Buren, as President of the District's Board of Trustees has determined the following: (1) that due to the Governor issuing a disaster declaration related to public health concerns and all or part of the District's jurisdiction is covered by the disaster area; and (2) that an in-person meeting is not practical or prudent because of the disaster. As a result, this regular Downers Grove Sanitary District Board of Trustees meeting shall be held virtually and in doing so shall comply with all other Open Meetings Act provisions referenced in Illinois Senate Bill 2135.

### Minutes of Regular Meeting – December 15, 2020

A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the minutes of the regular meeting held on December 15, 2020, and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

### Change Order No.1 for Stanley Avenue Sewer Rehabilitation

General Manager Underwood presented a memo recommending to the Board of Trustees approval of a change order for the District's Stanley Avenue Sewer Rehabilitation Contract with Insituform Technologies, USA for a net increase in contract cost of \$14,357.40. Approval of Change Order No. 1 would bring the total contract amount to \$117,169.40. A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the Stanley Avenue Sewer Rehabilitation Change Order No. 1 for a net increase in the amount of \$14,357.40 and for the General Manager to sign the same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

### Claim Ordinance No. 1897

A motion was made by Trustee Sejnost seconded by Trustee Coultrap adopting Claim Ordinance No. 1897 in the total amount of \$628,338.19 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

#### Public Comment - None

#### **Old Business**

General Manager Underwood reviewed the District's COVID-19 sick leave utilization by employees in 2020.

#### New Business

### Wastewater Treatment Center Operations Summary for 2020

General Manager Underwood presented the 2020 Wastewater Treatment Center Performance Report. The report includes information and comparisons to prior years on flows, available remaining capacity, treatment provided, NPDES permit compliance, sludge quantities produced, biosolids disposal, utilities consumption, digester gas, chemical usage and an overall summary.

## Collection System Performance Summary for 2020

General Manager Underwood presented the 2020 Collection System Performance Report as prepared by Sewer System Maintenance Supervisor Robert Swirsky. The report includes information regarding maintenance work progress, manhole overflows, sewer backups, public sewer blockages and building service blockages.

## Collection System Construction Summary for 2020

General Manager Underwood presented the 2020 Collection System Construction Summary Report as prepared by Sewer Construction Supervisor Keith Shaffner. The report includes information regarding permits issued, annexations, Board of Local Improvements, Illinois EPA permits and public sewer main construction.

### Collection System Work Plan for 2021

General Manager Underwood presented the Collection System Work Plan for 2021 as prepared by Sewer System Maintenance Supervisor Robert Swirsky. The report includes information on proposed work on the collection system during 2021 including cleaning and televising sewers, flow metering, the Private Property Infiltration and Inflow Removal Program and the Building Sanitary Service Repair Assistance Program and manhole inspections.

### Investment in Certificate of Deposit – BMO Harris Bank

Administrative Supervisor Campbell reviewed staff's renewal of a twelve-month Certificate of Deposit on December 17, 2020 with BMO Harris Bank in the amount of \$250,000 with an annual interest rate of 0.30 percent. The Certificate of Deposit is secured by the FDIC. A motion by Trustee Coultrap seconded by Trustee Sejnost was made ratifying the actions of staff on behalf of the District to renew a Certificate of Deposit on December 17, 2020 in the amount of \$250,000 with BMO Harris Bank at an interest rate of 0.30 percent and a term of twelve months. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

#### Other New Business

Trustee Van Buren noted the progress of hiring a new Sewer System Permit Technician, the improvement at the 1-M-049 manhole location and that a fourth compost heap was constructed as

noted in Staff Engineer Bielawa's monthly report. He also commented on the progress of the CHP #1 replacement, the Centex Lift Station bid documents preparation and the installation of the electronic buzzer at the Administration Center. Trustee Van Buren inquired about the current status of collections on delinquent user accounts related to the current COVID-19 pandemic. Lastly, he wished District employees a Happy New Year.

Trustee Coultrap also wished District employees a Happy New Year. He noted the progress of the CHP #1 replacement.

Trustee Sejnost also wished District employees a Happy New Year. She noted the progress of hiring a new Sewer System Permit Technician. She inquired about the flushable wipes legislation noted in Administrative Supervisor Campbell's monthly report. She also commended Maintenance Supervisor Barta on his monthly report. Lastly, she noted the progress of the CHP #1 replacement.

### Executive Session – Employee Compensation

A motion was made by Trustee Coultrap seconded by Trustee Sejnost to recess the regular meeting and convene an executive session at 7:21 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the compensation of specific employees of the District. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

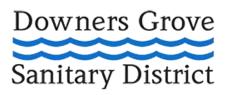
A motion was made by Trustee Coultrap seconded by Trustee Sejnost to reconvene the regular meeting at 7:49 p.m. The motion carried. (Votes recorded: Ayes- Van Buren, Sejnost and Coultrap.)

A motion was made by Trustee Coultrap seconded by Trustee Sejnost to adjourn the regular meeting at 7:52 p.m. The motion carried.

Approv	ved: February 9, 2021		
		President	
Attest:		<u> </u>	
	Clerk		

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

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



**General Manager** Amy R. Underwood

Legal Counsel
Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

Memo

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

Date: February 3, 2021

Subject: Change Order No.1 for the Sherman Street Sewer Replacement

The project is now complete. Due to an unanticipated conflict, an existing water main needed to be relocated. In addition, there were field quantity changes that were needed to complete the project. The attached Change Order No. 1 is intended to establish approval of these changes. The field changes include:

- Water main relocation (\$7,700.00)
- Downtime for water main relocation (\$7,758.19)
- Demobilization & Mobilization for water main relocation (\$3,853.94)
- Difference between awarded and actual quantities of Unit Price Items (-\$19,810.00)

The change order represents a 0.37% decrease of the bid price.

I recommend Staff seek approval from the Board of Trustees for Change Order No. 1 to the Sherman Street Sewer Replacement Contract with Austin Tyler Construction, Inc. for a net decrease in contract cost of \$497.87, and for permission for the General Manager to sign the same on behalf of the District. The final payment to the contractor is included in Claim Ordinance 1898.

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



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

#### VIA UPS

February 1, 2021

Ms. Amy R. Underwood, P.E. General Manager Downers Grove Sanitary District 2710 Curtiss Street Downers Grove, I 60515-0703

**CHANGE ORDER NO. 1 (FINAL)** 

Subject: Village of Downers Grove Sanitary District - 2020 Sherman Street
Sanitary Sewer Rehabilitation

Dear Ms. Underwood:

Enclosed are three (3) copies of Change Order No. 1 for the above referenced project, signed and executed by the Contactor.

Please sign all three copies, retain one for your records and return two copies to this office.

Please call if you have any questions.

Sincerely,

BAXTER & WOODMAN, INC. CONSULTING ENGINEERS

Raymond N. Koenig

Infrastructure Department Manager

aymond M. Kaeing

C: Alex Bielawa, Downers Grove Sanitary District Robert Swirsky, Downers Grove Sanitary District Austin-Tyler Construction, Inc.

I:\Crystal Lake\DGSD1\200411-Sherman Sewer\60-Construction\Executed CO # 1 to Owner (2.1.21).doc

## **CHANGE ORDER NO. 1 (Final)**

PROJECT:	WWTC – 2020 Sherman Stre Rehabilitation	eet Sanitary Sewer	DATE OF IS	SUANCE:	January 28, 2021
OWNER:	Downers Grove Sanitary Dis	strict	ENGINEER:		Baxter & Woodman, Inc.
CONTRACTO	OR: Austin Tyler Construct	ion, Inc.	ENGINEER'	s Project No.	200411.40
You are direct	ed to make the following cha	nges in the Contract D	Oocuments:		
Description	n: Change Order for addi	tional work items and	l balancing of u	ınit price items.	
Purpose of	Change Order: Change	in final contract price			
Attachmen	ts: Final pay request				
CHANGE IN	CONTRACT PRICE:		CHANGE IN	CONTRACT TIM	<b>ЛЕ</b> :
Original Cor	ntract Price:	\$134,691.00	Original Con Substant	tract Time: ial Completion: Completion:	October 12, 2020 November 11, 2020
	ange Orders: to No	0	Change fron	n previous Chang	ge Orders: 0
Current Con	atract Price:	\$ 134,691.00	Current Con Substant	ial Completion:	October 12, 2020 November 11, 2020
	e of this Change Order: ce with this Change Order:	(\$ 497.87) \$134,193.13	Contract Tin	of this Change ( ne with this Char ial Completion:	Order: 0
Pursuant to 72 foreseeable at	NYTIME THE CHANGE OR 20 ILCS 5/33E-9, (1) the circu the time the contract was signs in the best interest of the D	mstances said to nece ned, (2) the change is	essitate the cha germane to th	nge in performa e original contra	nce were not reasonably act as signed, and (3) the
ВАХТЕ	R & WOODMAN, INC.	DOWNERS GROVE : DISTRICT		A	ER CONSTRUCTION, INC.
	wond M. Keewig By wmond N. Koenig Structure Department Manager NDED BY:	Amy R. Underv General Ma		Ву <u>Ро</u>	Gary S. Schumal President
By Dec	ek T. Wold (by AM) rek J. Wold, P.E.	5)			

I:\Crystal Lake\DGSD1\200411-Sherman Sewer\60-Construction\CHANGE ORDER NO.1. final (1.28.21).docx

Client Manager

Downers Grove, Illinois

Date: February 9, 2021

Claim Ordinance No. 1898

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 **\$672,173.92** being in words and figures as follows:

Payroll Ending Date: 01/09/21 GENERAL LEDGER RECAP Payroll Paid Date: 01/15/21 PERIOD END 01/09/21 PAGE GL Date: 02/28/21

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT	
01-00.1001	CASH - PAYROLL ACCOUNT		* 49559.99-	49576.85
01-00.2000	FEDERAL TAX WITHHELD		8169.79-	
01-00.2001	STATE TAX WITHHELD		3582.25-	
01-00.2002	SOCIAL SECURITY WITHHELD		5910.28-	
01-00.2003	IMRF WITHHELD		3485.38-	
01-00.2013	CREDIT UNION WITHHELD		2333.00-	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		3350.23-	
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		309.65-	
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		919.01-	
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		337.80-	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		327.56-	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		40.00-	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		162.27-	
01-11.A003	GENERAL MANAGEMENT	408.79		
01-11.A004	FINANCIAL RECORDS	6934.99		
01-11.A005	ADMINISTRATIVE RECORDS	588.41		
01-11.A006	ENGINEERING	1056.40		
01-11.A007	CODE ENFORCEMENT	5025.53		
01-11.A008	SAFETY ACTIVITIES	579.17		
01-11.A090	WORK FROM HOME REIMBURSEMENT ALLOWANCE	175.00		
01-12.A006	ENGINEERING	897.96		
01-12.A011	MAINTENANCE - WWTC	9333.82		
01-12.A012	MAINTENANCE - VEHICLES	311.60		
01-12.A014	MAINTENANCE - ELECTRICAL	6244.72		
01-12.A021	WWTC - OPERATIONS	15310.85		
01-12.A022	WWTC - SLUDGE HANDLING	7374.94		
01-12.A023	WWTC - ENERGY RECOVERY	16.75		
01-12.A030	BUILDING AND GROUNDS	3169.02		
01-13.A041	LAB - WWTC	5418.03		
01-13.A048	LAB - ENERGY RECOVERY	158.73		
01-14.A006	ENGINEERING	211.28		
01-14.A051	SEWER MAINTENANCE	9002.54		
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	364.04		
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	583.86		
01-14.A063	INSPECTION - PERMIT INSPECTIONS	110.46		
01-14.A064	INSPECTION - MISCELLANEOUS	2442.60		
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	504.34		
01-14.A066	INSPECTION - CODE ENFORCEMENT	1901.49		
01-14.A090	WORK FROM HOME REIMBURSEMENT ALLOWANCE	25.00		
01-15.A006	ENGINEERING	105.64		
01-15.A080	LIFT STATION MAINTENANCE	231.25		

<sup>\*</sup>The actual cash paid for this payroll was \$49,576.85. There was a system error when entering the payroll that resulted in miscalculation of net pay. This resulted in the GL Recap not balancing. In order to update this payroll we had to have the program adjusted to reflect the proper amounts of deductions and net pay. We will be making an adjustment next payroll to balance out the overpayment to that specific employee.

78487.21

78487.21-

GENERAL LEDGER RECAP

DATE 01/18/21 PERIOD END 01/15/21 PAGE 4

G/L NUMBER COST DESCRIPTION DEBIT CREDIT \_\_\_\_\_\_ 01-00.1001 CASH - PAYROLL ACCOUNT 21359.36-01-00.2000 FEDERAL TAX WITHHELD 3095.34-01-00.2001 STATE TAX WITHHELD 1412.88-01-00.2002 SOCIAL SECURITY WITHHELD 2368.24-01-00.2003 IMRF WITHHELD 1393.06-641.74-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 173.59-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 490.49-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 127.40-01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 427.18-01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 77.06-01-11.A003 GENERAL MANAGEMENT 8588.95 01-11.A004 FINANCIAL RECORDS 409.99 110.72 01-11.A005 ADMINISTRATIVE RECORDS 01-11.A007 CODE ENFORCEMENT 8392.44 01-11.A008 SAFETY ACTIVITIES 302.39 01-12.A006 ENGINEERING 294.41 01-12.A009 OPERATIONS MANAGEMENT 4358.73 01-12.A011 MAINTENANCE - WWTC 4327.38 01-12.A014 MAINTENANCE - ELECTRICAL 53.55 01-12.A021 WWTC - OPERATIONS 232.92 01-12.A022 146.85 WWTC - SLUDGE HANDLING 01-12.A023 WWTC - ENERGY RECOVERY 29.37 01-12.A030 BUILDING AND GROUNDS 188.24 01-13.A009 OPERATIONS MANAGEMENT 2064.29 LAB - WWTC 01-13.A041 172.10 01-13.A042 LAB - PRETREATMENT 1805.90 01-14.A006 ENGINEERING 88.11

31566.34

31566.34-

Payroll Ending Date: 01/15/21 Payroll Paid Date: 01/19/21 GL Date: 02/28/21 GENERAL LEDGER RECAP

DATE 01/28/21 PERIOD END 01/23/21 PAGE 5

Payroll Ending Date: 01/23/21 Payroll Paid Date: 01/29/21 GL Date: 02/28/21

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
(01-00.1001)	CASH - PAYROLL ACCOUNT		49269.57-
01-00.2000	FEDERAL TAX WITHHELD		7929.75-
01-00.2001	STATE TAX WITHHELD		3479.17-
01-00.2002	SOCIAL SECURITY WITHHELD		5746.29-
01-00.2003	IMRF WITHHELD		3478.90-
01-00.2013	CREDIT UNION WITHHELD		980.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		3210.31-
01-00.2017	VOLUNTARY GROUP LIFE		208.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		309.65-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		919.01-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		337.80-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		272.41-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		40.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		162.27-
01-11.A003	GENERAL MANAGEMENT	696.76	
01-11.A004	FINANCIAL RECORDS	7099.44	
01-11.A005	ADMINISTRATIVE RECORDS	768.05	
01-11.A007	CODE ENFORCEMENT	4834.75	
01-11.A008	SAFETY ACTIVITIES	997.70	
01-11.A090	WORK FROM HOME REIMBURSEMENT ALLOWANCE	175.00	
01-12.A006	ENGINEERING	2066.61	
01-12.A011	MAINTENANCE - WWTC	11284.26	
01-12.A014	MAINTENANCE - ELECTRICAL	3896.63	
01-12.A021	WWTC - OPERATIONS	13975.90	
01-12.A022	WWTC - SLUDGE HANDLING	5549.67	
01-12.A023	WWTC - ENERGY RECOVERY	255.11	
01-12.A030	BUILDING AND GROUNDS	3420.05	
01-13.A041	LAB - WWTC	5230.03	
01-13.A048	LAB - ENERGY RECOVERY	109.49	
01-14.A006	ENGINEERING	746.16	
01-14.A051	SEWER MAINTENANCE	8598.64	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	685.74	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	964.56	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	205.14	
01-14.A064	INSPECTION - MISCELLANEOUS	1084.97	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	840.13	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2072.16	
01-14.A072	SEWER INVESTIGATIONS	307.26	
01-14.A090	WORK FROM HOME REIMBURSEMENT ALLOWANCE	25.00	
01-15.A006	ENGINEERING	132.05	
01-15.A080	LIFT STATION MAINTENANCE	321.87	
		76343.13	76343.13-

GENERAL LEDGER RECAP

DATE 02/02/21 PERIOD END 01/31/21 PAGE 4

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
	CASH - PAYROLL ACCOUNT		25057.38-
01-00.2000	FEDERAL TAX WITHHELD		3278.99-
01-00.2001	STATE TAX WITHHELD		1606.35-
01-00.2002	SOCIAL SECURITY WITHHELD		2712.67-
01-00.2003	IMRF WITHHELD		1393.19-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		641.77-
01-00.2017	VOLUNTARY GROUP LIFE		80.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		173.59-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		490.49-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		127.40-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		427.44-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A001	TRUSTEES	4500.00	
01-11.A003	GENERAL MANAGEMENT	8637.76	
01-11.A004	FINANCIAL RECORDS	974.94	
01-11.A005	ADMINISTRATIVE RECORDS	186.62	
01-11.A007	CODE ENFORCEMENT	8224.67	
01-11.A008	SAFETY ACTIVITIES	131.51	
01-12.A009	OPERATIONS MANAGEMENT	4043.25	
01-12.A011	MAINTENANCE - WWTC	4262.79	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	181.11	
01-12.A014	MAINTENANCE - ELECTRICAL	57.96	
01-12.A021	WWTC - OPERATIONS	519.89	
01-12.A030	BUILDING AND GROUNDS	173.89	
01-13.A009	OPERATIONS MANAGEMENT	3183.18	
01-13.A042	LAB - PRETREATMENT	859.11	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	129.65	

36066.33 36066.33-

Payroll Ending Date: 01/31/21 Payroll Paid Date: 02/02/21 GL Date: 02/28/21

====== VENDOR =====	=======	===== IN	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
ADVOCATE OCCUPATIONAL HEALTH	A000150	12/31/20	783351	01-12.B117	Drug Screening	89.00		
		12/31/20	783351	01-14.B117	Drug Screening	54.00	143.00	062808
ADVANCED DISPOSAL	A000153	01/31/21	T80002440505	01-12.B102	Garbage & Recycling	360.77	360.77	062809
ALLIED WASTE SERVICE	A000255	01/15/21	055101506787	01-12.B102	Grit Screen Dumpster	950.64	950.64	062810
SYNCHB/AMAZON	A000295	01/23/21	438457774877	01-12.B501	Ops Supplies	333.80		
		01/27/21	448559566969	01-12.B117	JPB Hat	31.94		
		01/22/21	453339934644	01-12.B116	Storage Bags	19.40		
		01/13/21	464393555596	01-12.B116	Ops Supplies	29.84		
		01/22/21	568369973847	01-12.B112	Phone Accessories	35.98		
		01/18/21	586477387853	01-14.B116	DJ Phone Case	17.98		
		01/13/21	643959334498	01-12.B116	Ops Supplies	68.30		
		01/27/21	676578588693	01-12.B117	JPB Hat	16.99		
		01/27/21	676578588693	01-12.C225	Truck Light	28.49		
		01/22/21	786439688653	01-12.B116	Storage Totes	125.80		
		01/19/21	947443787483	01-13.B116	Lab Supplies	34.99		
		01/12/21	948397675583	01-11.B116	Cell Phone Stands	25.98	769.49	062811
ATLAS BOILER & WELDING CO.	A000530	01/30/21	3588	01-12.B510	Dig 2 Heat Exchgr Repair	16549.30	16549.30	062812
AUSTIN TYLER CONSTRUCTION, IN	C A000543	01/05/21	2038-02	01-14.B902	Sherman St Sewer Rehab	49880.23	49880.23	102869
AUTOZONE - AZ COMMERCIAL	A000600	01/20/21	2576734550	01-12.C225	Auto Parts	16.97		
			2576735069	01-14.C225	Auto Parts	20.98		
			2576739371		Auto Parts	5.99		
			2576740318	01-14.C225	Auto Parts	138.88	182.82	062813
BAXTER & WOODMAN, INC.	B000120	01/22/21			1K-028 Flow Basin Rehab	1312.50		
		01/22/21		01-12.B508	WAS Thickener	275.00		
		01/22/21			Misc Engineering Services	483.75		
		01/22/21			Stanley Ave Sewer Rehab	1320.00		
		01/22/21		01-14.B902	Sherman St Sewer Replace	247.50	3638.75	102870
BAXTER & WOODMAN - BOLLER	B000122	01/22/21		01-12.B513	_	74028.12	74028.12	102871
WILLIAM C CAMPBELL	C000075		Reimburse		ARDC Registration Fees	385.00	385.00	102872
CASSIDY TIRE & SERVICE	C000075		112000107		SS Truck Tire Replace	2035.12	2035.12	062814
CHICAGO METROPOLITAN FIRE	C000090		IN00350568		Radio Use/Maintenance	60.00	60.00	062815
	C000240						60.00	002015
CINTAS #344	C000300		4071161272		WWTC Uniform Rentals	61.97		
			4071161272		SS Uniform Rentals	11.65		
			4073816796		WWTC Uniform Rentals	61.97		
			4073816796		SS Uniform Rentals	11.65		
			4074470143		WWTC Uniform Rentals	61.97	000.05	0.5001.5
			4074470143		SS Uniform Rentals	11.65	220.86	062816
CINTAS FIRST AID & SAFETY	C000320		5048983293		First Aid Supplies	253.95	253.95	062817
ADAM CIONI	C000322		Reimburse		Insoles For Boots	75.58	75.58	102873
STEPHANIE CIONI	C000323		Reimburse		Phone Case & Screen Prot	97.17	97.17	102905
COMED	C000380		6770572011		BSSRAP Yard Elec	382.09		
			6770572011		Walnut House Elec	70.36		
			8762083052		Big Top Elec	146.82	599.27	062818
COMPASS MINERALS	C000399	01/06/21	739993	01-12.B401	Solar Salt	4349.11	4349.11	062819
CONCENTRIC INTEGRATION, LLC	C000410	01/22/21	0219804	01-11.B115	Laptop & Warranty Renew	1850.82		
		01/22/21	0219806	01-12.B508	WAS Thickener Scada	500.00		

===== VENDOR =====	=======	===== 1N	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		01/22/21	0219808	01-11.B115	Admin Suport	657.88		
		01/22/21	0219808	01-12.B513	WWTC Support	1207.64	4216.34	102874
G COOPER OIL COMPANY INC.	C000470	01/18/21	33046	01-12.B116	Oil Delivery	478.75	478.75	062820
CORE & MAIN LP	C000485	12/18/20	N500272	01-15.B527	Venard Force Main Part	145.00		
		12/18/20	N500305	01-15.B527	Venard Force Main Part	207.13		
		01/11/21	N573805	01-12.B507	RAS Pump Parts	1900.00		
		01/13/21	N584216	01-14.B116	BSSRAP Supplies	237.98		
		01/13/21	N588103	01-15.B527	Returned Venard FM Parts	337.00-	2153.11	062821
OHN CRANE INC.	C000560	01/22/21	21/I056233	01-12.B504	Grit Pump Seal	2577.88	2577.88	062822
CUMMINS NPOWER, LLC	C000650	01/21/21	F2-9299	01-12.B501	Bio Delivery Truck Servic	835.98	835.98	062823
CURTIS MARTIN GROUP, INC.	C000660	01/21/21	7867	01-11.B115	PR & AP Prog Fixes	360.00		
		02/02/21	7883	01-11.B115	City Insight Bill Portal	262.50		
		01/27/21	F2-10134	01-12.B501	Biosolids Truck Repair	749.97	1372.47	102875
DELTA INDUSTRIES, INC.	D000210	11/23/20	165705	01-12.B513	Compressor Repair	297.00		
		01/13/21	166774	01-12.B512	Compressor PM	981.21		
		01/13/21	166785	01-12.B513	ODS Pump Compress PM	517.02		
		01/31/21	167186	01-12.B512	MSB Compressor Repair	216.50	2011.73	102876
ILLAGE OF DOWNERS GROVE	D000480	12/31/20	166374	01-11.C222	Admin Vehicle Fuel	7.26		
		12/31/20	166374	01-12.C222	WWTC Vehicle Fuel	628.64		
		12/31/20	166374	01-13.C222	Lab Vehicle Fuel	7.61		
		12/31/20	166374	01-14.C222	SS Vehicle Fuel	699.73		
		01/15/21	166388	01-11.B121	Meter Readings	424.04	1767.28	062824
E&M Feed Trucks	E000001	02/03/21	165	01-12.B501	Composter Truck Rental	6658.02	6658.02	062825
EJ EQUIPMENT, INC.	E000030	02/02/21		01-14.C225	SS Equip Parts	32.89	32.89	062826
EYE MED VISION CARE	E000600		164658622	01-17.E455	Vision Insurance	446.87	446.87	062827
FIRST ADVANTAGE	F000130	01/31/21	2501872101	01-12.B117	Drug Screening	102.09		
		01/31/21	2501872101	01-14.B117	Drug Screening	29.13	131.22	102877
FIRST ENVIRONMENTAL LAB	F000140	12/17/20	121720CM	01-13.B123	Credit For Duplicate Pay	229.20-		
		01/14/21	158767	01-13.B123	Compost Testing	229.20		
		01/15/21		01-13.B123	Biosolids Testing	229.20	229.20	102878
OSTERS TRUCK REPAIR	F000270	12/09/20	37599	01-14.C225	Safety Lane Checks	141.50	141.50	062828
REVERE ELECTRIC	G000410		S4318637.001		Bridge Clar Part	74.11	74.11	062829
. W. GRAINGER, INC.	G000520		9773141404	01-13.B114	3	477.48		
w. diaminozit, me.	0000320		9773141404	01-13.B116		99.60		
			9773838611	01-12.B512		37.75		
			9774425384	01-12.B116		17.12		
			9775331656	01-12.B512		111.00		
			9777801102	01-14.B116		34.45		
			9785264277	01-12.B811		58.32		
			9790331988	01-12.B011 01-12.B812		83.52	919.24	102879
ANDREW J GRAF	G000526		Reimburse		OH Sewer Reimburse	3000.00	3000.00	062851
ESSICA GWOZDZ	G000526		Reimburse	01-14.B128 01-11.B117		25.00	25.00	102880
PROTON GMORDA							25.00	102000
OME DEDOT		UZ/UI/ZI	0010422	01-12.B116	מכב סוובבו	120.75		
HOME DEPOT	Н000400				Saa Shaat	75 26		
IOME DEPOT	H000400	01/22/21	0024947	01-12.B811 01-12.B116		75.26 214.35		

NTA ME	MILIMOTED	DATE	NUMBER	C/I NUMBER	EVDENCE DECONTORION	EXDENCE	CHECK AME	CITECK NO
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		01/29/21	3010334	01-14.B116	See Sheet	21.28		
		01/19/21	3015105	01-11.B113	See Sheet	65.82		
		01/18/21	4015001	01-12.B811	See Sheet	47.03		
		01/27/21	5360848	01-14.B115	See Sheet	49.96		
		01/25/21	7041994	01-12.B811	See Sheet	73.40		
		01/14/21	8023988	01-12.B116	See Sheet	33.93		
		01/14/21	8165335	01-11.B115	See Sheet	429.00-		
		02/02/21	9010472	01-13.B116	See Sheet	31.90		
		02/02/21	9010723	01-12.B116	See Sheet	105.23	453.51	062830
UTTO & SON, INC.	н000540	01/12/21	32204	01-11.B113	Fire Extinguisher Service	576.63	576.63	062831
MPACT NETWORKING INC.	1000400	06/26/20	1824278	01-11.B115	Missed June Copier Inv	58.55		
		01/20/21	2011852	01-11.B115	Copier	58.55	117.10	102881
NFOSEND, INC.	1000415	01/23/21	185073	01-11.B121	Reminder Notice Mailing	572.51		
		01/31/21			Bill Mailings Pstg Incrs	3226.62	3799.13	102882
UST TIRES	J000300	01/28/21			Plow Truck Tires & Align	957.00	957.00	062832
ARC MAJEWSKI	M000110		Reimburse		Ops Communication App	318.74	318.74	102883
CMASTER-CARR SUPPLY COMPANY	M000360		51638351		Parts For Auger	77.14		
			51712791		Munters Parts	18.95		
			51719234		Munters Parts	292.11		
			51889430		MSB Tool	247.17		
			52412363		MSB Supplies	170.12	805.49	102884
IENARDS - BOLINGBROOK	M000430	01/21/21			Electrical Tools	9.99	9.99	062833
TEVEN MERTES AND	M000450		Recapture		Recapture 3928 Venard	9264.67	9264.67	062834
IIDAMERICAN ENERGY SERVICES,		01/27/21			Northwest LS Elec	1743.80	9204.07	002034
IDAMERICAN ENERGI SERVICES,	TUMOUUSSA	01/18/21						
					Liberty Park LS Elec	392.28		
		01/18/21			Butterfield LS Elec	275.80		
		01/18/21		01-15.B100	Earlston LS Elec	386.77		
		01/25/21			Venard LS Elec	652.96		
		01/18/21			Centex LS Elec	148.63		
		01/18/21			College LS Elec	426.88		
		01/18/21			Wroble LS Elec	1141.52		
		01/18/21			Hobson LS Elec	2862.35		
		01/28/21			Admin Elec	242.80		
		01/28/21		01-12.B100		9838.40	18112.19	062835
CPERS GROUP LIFE INSURANCE	N000010	01/13/21	3266022021	01-00.2017	Voluntary Life Insurance	288.00	288.00	102885
APA AUTO PARTS	N000040	01/15/21	4343-699660	01-12.B501	Auto Parts	190.18		
		01/25/21	4343-701142		Auto Parts	41.97	232.15	062836
APCO STEEL, INC.	N000050	12/21/20	444526	01-12.B503	Ladder Step Ext - Bridges	115.00		
		01/18/21	445112	01-12.B501	Ops Supplies	506.70	621.70	102886
ICOR GAS	N000330	01/15/21	2833584	01-12.B101	Walnut House Gas	111.63		
		01/15/21	3892638	01-11.B101	Admin Gas	105.95		
		01/15/21	4440979	01-12.B101	Plant Gas	236.90		
		01/18/21	4664113	01-12.B101	Plant 2 Gas	117.47		
		01/15/21	4782107	01-12.B101	Chem Feed Gas	126.98	698.93	062837
UISSEN ENERGY INC	N000350	02/02/21	215	01-12.B513	CHP First Fill	1475.00	1475.00	102887
CI PAYMENTS INC.	0000300	01/19/21	1000039995	01-11.B110	OLR Fees	36.60	36.60	102888



========= VENDOR =========		===== INVOICE ======						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
PACE ANALYTICAL	P000010	01/20/21	2140095660	01-13.B123	Jan NPDES Testing	105.00	105.00	102889
PACKEY WEBB FORD	P000020	01/04/21	154040	01-14.C225	Auto Parts	61.24		
		01/21/21	C79577	01-14.C225	SS Truck Repairs	383.95	445.19	102890
PERMA-SEAL	P000301	01/21/21	PR562013	01-12.B812	Tunnel Leak Repairs	3623.61	3623.61	062838
PETTY CASH	P000350	02/04/21	Cash Box	01-11.B116	Disinfectant Spray Bottle	21.08		
		02/04/21	Cash Box	01-11.B119	Postage Due	11.91	32.99	062839
POLYDYNE INC.	P000395	01/27/21	1514341	01-12.B402	Belt Press Polymer	2142.54	2142.54	102891
PORTABLE JOHN, INC	P000410	02/03/21	251563	01-12.B812	Port-A-Potty WWTC	177.77	177.77	102892
CHARLES PREEN	P000600	01/28/21	Reimburse	01-12.B512	Shop Welder Part	62.05	62.05	062840
PRINCIPAL LIFE INSURANCE CO	P000650	01/18/21	1093099	01-17.E455	Dental Insurance	2464.57	2464.57	102893
QUADIENT, INC	Q000251	01/19/21	16278010	01-11.B116	Postage Meter Supplies	19.38	19.38	062852
RAINBOW ELECTRIC CO.	R000070	01/25/21	MRINV10281	01-12.B811	Munters Unit Repair	250.00		
		01/12/21	MSINV2664	01-12.B506	Prim 5 Cross Coll Part	494.31	744.31	102894
RANDALL INDUSTRIES	R000100	01/07/21	192457	01-12.B512	Golf Cart Repairs	956.72		
		01/08/21	192462	01-12.B512	Golf Cart Repairs	935.12	1891.84	062841
RAPTOR TECH INC.	R000105	02/02/21	12693	01-12.B501	Auger Repairs	660.42	660.42	102895
REGIONAL TRUCK EQUIPMENT CO.	R000166	01/21/21	225106	01-12.B512	Auto Parts	50.97	50.97	062842
RENTALMAX ADMINISTRATION	R000250	01/16/21	458622-5	01-12.B116	Fork Lift Fuel	27.49	27.49	062853
SEAWAY SUPPLY CO.	S000200	01/15/21	165661	01-13.B116	Lab Supplies	29.00		
		01/18/21	165728	01-12.B116	MSB Supplies	152.00		
		01/19/21	165766	01-12.B116	Lab Supplies	106.00	287.00	102896
SOLENIS LLC	S000450	01/14/21	131747286	01-12.B402	WAS Thickener Polymer	1260.00	1260.00	102906
STEVENSON CRANE SERVICE, INC.	S000720	01/25/21	218963	01-12.B811	Munters Unit Repair	750.00	750.00	102897
TERRACE SUPPLY COMPANY	T000250	01/31/21	01019670	01-12.B116	Cylinder Rentals	55.34	55.34	102898
THOMAS C. WILSON, LLC	T000282	01/20/21	107668	01-12.B510	Burner Tube Cleaning Tool	403.00	403.00	062843
TRI-K, INC.	T000535	01/25/21	115101	01-12.B103	Odor Cont - Grit/Bar Scrn	589.00	589.00	102899
TRI-STATE HYDRAULICS, INC	T000570	01/22/21	501140	01-12.B501	Auger Motor Repairs	4023.26	4023.26	062844
U.S. UPFITTERS	U000120	01/19/21	83225	01-14.C225	SS Truck Part	110.84	110.84	062845
USABLUEBOOK	U000150	01/20/21	478242	01-12.B510	East Grease Rec Tank Part	1138.32	1138.32	062846
UNISON SOLUTIONS, INC.	U000192	12/31/20	2020-7811	01-12.B404	Iron Sponge	21815.00	21815.00	102900
UNITED PARCEL SERVICE	U000300	01/16/21	3Y0091031	01-13.B123	Lab Sample Overnight Ship	10.12	10.12	062847
UNO CONSTRUCTION CO., INC.	U000450	01/31/21	7	01-14.B910	BSSRAP Projects	33354.92	33354.92	102901
VWR INTERNATIONAL INC.	V000030	01/14/21	8803447090	01-13.B115	Lab Equipment	515.09	515.09	062848
WAGNER COMMUNICATIONS, INC	W000070	02/01/21	210200329	01-11.B112	Answering Service	515.61	515.61	102902
WESTFAX	W000350	02/01/21	1368154	01-11.B112	EFax Service	8.99	8.99	102903
WEST SIDE TRACTOR SALES CO.	W000380	01/18/21	N01739	01-12.B501	Ops Tractor Filters	618.69	618.69	062849
MICHAEL G. PHILIPP, P.C.	W000551	01/05/21			Legal Services	1281.50	1281.50	062850
					Total Payments:	298602.41	298602.41	
					ACH Payments Total:	209847.47	.00	
					neck Payments Total:	88754.94	298602.41	



NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
CHASE	B000050	01/19/21	PR 01/09/21	01-00.2000	Federal Tax	8169.79		
		01/19/21	PR 01/09/21	01-00.2002	Empl Soc Sec Tax	5910.28		
		01/19/21	PR 01/09/21	01-17.E461	Emplr Soc Sec Tax	5910.28	19990.35	102845
CHASE	в000050	01/19/21	SPR 01/15/21	01-00.2000	Federal Tax	3095.34		
		01/19/21	SPR 01/15/21	01-00.2002	Empl Soc Sec Tax	2368.24		
		01/19/21	SPR 01/15/21	01-17.E461	Emplr Soc Sec Tax	2368.22	7831.80	102849
CHASE	B000050	02/02/21	PR 01/23/21	01-00.2000	Federal Tax	7929.75		
		02/02/21	PR 01/23/21	01-00.2002	Empl Soc Sec Tax	5746.29		
		02/02/21	PR 01/23/21	01-17.E461	Emplr Soc Sec Tax	5746.22	19422.26	102854
CHASE	в000050	02/04/21	SPR 01/31/21	01-00.2000	Federal Tax	3278.99		
		02/04/21	SPR 01/31/21	01-00.2002	Empl Soc Sec Tax	2712.67		
		02/04/21	SPR 01/31/21	01-17.E461	Emplr Soc Sec Tax	2712.68	8704.34	102860
CLEANING SERVICES GLOBAL, LLC	C000326	01/20/21	0020092021	01-11.B115	Electrostatic Mister	729.99	729.99	102844
O.G. SANIT DIST #XXXXXXXXX111	7 D000400	02/10/21		01-00.1001	Payroll Acct Reimburse	145263.16	145263.16	102868
O.G. SANIT DIST #XXXXXXXXX111	4 D000420	02/10/21	Refunds	01-05.3001	User Refund Acct Reimburs	3174.73	3174.73	10286
O.G. SANIT DIST #XXXXXXXXX111:	2 D000440	02/10/21	Reimburse	01-11.B117	AB Seminar	40.00		
		02/10/21	Reimburse	01-14.B910	BSSRAP Rodding Refunds	1027.44		
		02/10/21	Reimburse	01-17.E452	Notary Signatures	20.00	1087.44	10286
UPAGE CREDIT UNION	D000650	01/15/21	01/09/21	01-00.2013	Empl Authorized W/Holding	2333.00	2333.00	10284
OUPAGE CREDIT UNION	D000650		PR 01/23/21	01-00.2013	Empl Authorized W/Holding	980.00	980.00	10285
&M Feed Trucks	E000001		Extension	01-12.B501	Composting Truck Rental	2500.00	2500.00	06272
HEALTH CARE SERVICE CORP.	H000190	01/28/21	165585	01-17.E455	Health Insurance	41582.04	41582.04	10285
LLINOIS DEPARTMENT OF REVENUE		01/28/21	PR 01/09/21	01-00.2001	State Tax	3582.25	3582.25	10283
LLINOIS DEPARTMENT OF REVENUE		01/19/21	SPR 01/15/21	01-00.2001	State Tax	1412.88	1412.88	10285
LLINOIS DEPARTMENT OF REVENUE				01-00.2001	State Tax	3479.17	3479.17	10285
			PR 01/23/21					
LLINOIS DEPARTMENT OF REVENUE		02/04/21	SPR 01/31/21	01-00.2001	State Tax	1606.35	1606.35	10286
LLINOIS MUNICIPAL	1000300	02/09/21	Pension	01-00.2003	Empl Pension Deposit	13227.15		
		02/09/21	Pension 	01-00.2014	Empl Vol Pension Deposit	11077.62	50004.00	10005
		02/09/21		01-17.E460	Emplr Pension Deposit	29599.52	53904.29	10285
INVOICE CLOUD	1000750	02/10/21		01-11.B121	Biller Portal Fees	360.00	360.00	10286
MIDAMERICA ADMIN HRA ACCOUNT	M000557		HRA Funds	01-17.E455	HRA Acct Funding	500.00	500.00	10285
R. J. O'NEIL, INC.	R000008	01/20/21		01-12.B508	WAS Thickener	48264.35	48264.35	10284
RANSAMERICA RETIREMENT	T000415		PR 01/09/21		Def Comp IPPFA	327.56		
			PR 01/09/21		Def Comp Roth IPPFA	40.00		
			PR 01/09/21		Def Comp Loan Repay IPPFA		529.83	10284
RANSAMERICA RETIREMENT	T000415	01/19/21	SPR 01/15/21	01-00.2026	Def Comp IPPFA	427.18		
		01/19/21	SPR 01/15/21	01-00.2028	Def Comp Loan Repay IPPFA	77.06	504.24	10285
RANSAMERICA RETIREMENT	T000415	01/29/21	PR 01/23/21	01-00.2026	Def Comp IPPFA	272.41		
		01/29/21	PR 01/23/21	01-00.2027	Def Comp Roth IPPFA	40.00		
		01/29/21	PR 01/23/21	01-00.2028	Def Comp Loan Repay IPPFA	162.27	474.68	10285
RANSAMERICA RETIREMENT	T000415	02/02/21	SPR 01/31/21	01-00.2026	Def Comp IPPFA	427.44		
		02/02/21	SPR 01/31/21	01-00.2028	Def Comp Loan Repay IPPFA	77.06	504.50	10286
VERIZON WIRELESS	V000135	01/20/21	Multiple	01-11.B112	Admin Cell Service	515.15		
		01/20/21	Multiple	01-12.B112	WWTC Cell & Tablet Servic	1459.31		
		01/20/21	Multiple	01-14.B112	SS Cell & Tablet Service	574.55		
		01/20/21	Multiple	01-15.B112	LS Cell & Tablet Service	312.10	2861.11	06272



====== VEN	IDOR ======	===== IN	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
Zoom Inc.	Z000200	01/26/21	P-70506224	01-11.B115	Subscription	40.00	40.00	102859
						=======	=======	
					Total Payments:	371622.76	371622.76	
					ACH Payments Total:	366261.65	.00	
				Ch	neck Payments Total:	5361.11	371622.76	



# 02 IMPROVEMENT FUND STANDARD CHECK REGISTER FOR 02/10/21

VENDO	R ====== NUMBER	===== IN	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC	. вооо120	01/22/21	0219805	02-47.0502	Centex LS Design	1948.75	1948.75	102904
						========	=======	
					Total Payments:	1948.75	1948.75	
					ACH Payments Total:	1948.75	.00	
				Ch	eck Payments Total:	.00	1948.75	
DATE								
REVI	EWED							
TRUS	TEE APPROVAL							
				PRESIDENT				
				CLERK				



# ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 02/10/21

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		670225.17-
01-00.1001	CASH - PAYROLL ACCOUNT	145263.16	
01-00.2000	FEDERAL TAX WITHHELD	22473.87	
01-00.2001	STATE TAX WITHHELD	10080.65	
01-00.2002	SOCIAL SECURITY WITHHELD	16737.48	
01-00.2003	IMRF WITHHELD	13227.15	
01-00.2005	CLEARING	9646.76	
01-00.2013	CREDIT UNION WITHHELD	3313.00	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	11077.62	
01-00.2017	VOLUNTARY GROUP LIFE	288.00	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	1454.59	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	80.00	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	478.66	
01-05.3001	USER RECEIPTS	3174.73	
01-11.B100	ELECTRICITY	242.80	
01-11.B101	NATURAL GAS	105.95	
01-11.B110	BANK CHARGES	36.60	
01-11.B112	COMMUNICATION	1039.75	
01-11.B113	EMERGENCY/SAFETY EQUIPMENT	896.40	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	3589.29	
01-11.B116	SUPPLIES	66.44	
01-11.B117	EMPLOYEE/DUTY COSTS	450.00	
01-11.B119	POSTAGE	11.91	
01-11.B121	USER BILLING MATERIALS	4583.17	
01-11.B124	CONTRACT SERVICES	1765.25	
01-11.C222	GAS/FUEL	7.26	
01-12.B100	ELECTRICITY	10055.58	
01-12.B101	NATURAL GAS	592.98	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	1311.41	
01-12.B103	ODOR CONTROL	589.00	
01-12.B112	COMMUNICATION	1814.03	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	60.00	
01-12.B116	SUPPLIES	1554.30	
01-12.B117	EMPLOYEE/DUTY COSTS	501.51	
01-12.B401	CHEMICALS - DISINFECTION	4349.11	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	3402.54	
01-12.B404	CHEMICALS - OTHER	21815.00	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	17203.75	
01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	189.11	
01-12.B504	EQPT/EQPT REPAIR - GRIT REMOVAL	2577.88	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	494.31	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	1900.00	
01-12.B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	49039.35	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	18090.62	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	3778.60	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	77524.78	



# ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 02/10/21

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	1565.07	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	3884.90	
01-12.C222	GAS/FUEL	628.64	
01-12.C225	OPERATION/REPAIR	1002.46	
01-13.B114	CHEMICALS	477.48	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	515.09	
01-13.B116	SUPPLIES	292.66	
01-13.B123	OUTSIDE LAB SERVICES	344.32	
01-13.C222	GAS/FUEL	7.61	
01-14.B112	COMMUNICATION	574.55	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	49.96	
01-14.B116	SUPPLIES	311.69	
01-14.B117	EMPLOYEE/DUTY COSTS	118.08	
01-14.B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	3000.00	
01-14.B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	1312.50	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	50127.73	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	1320.00	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	34382.36	
01-14.C222	GAS/FUEL	699.73	
01-14.C225	OPERATION/REPAIR	2967.37	
01-15.B100	ELECTRICITY	8030.99	
01-15.B112	COMMUNICATION	312.10	
01-15.B527	EQPT/EQPT REPAIR - VENARD	15.13	
01-17.E452	LIABILITY/PROPERTY	20.00	
01-17.E455	EMPLOYEE GROUP HEALTH	44993.48	
01-17.E460	IMRF	29599.52	
01-17.E461	SOCIAL SECURITY	16737.40	
02-00.1000	CASH		1948.75-
02-47.0502	DESIGN ENGINEERING/ARCHITECTURAL	1948.75	
		672173.92	672173.92-

#### Grainger and Home Depot Purchase Summary - February 2019

					1				
Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	Item Description
Grainger	01/14/21	\$37.75	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JM		Maintenance Repair Supplies	Hardware
Grainger	01/15/21	\$17.12	01-12.B116	WWTC SUPPLIES	In-Store	MM			Drum wrench for poly drums
Grainger	01/15/21	\$111.00	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JM		Maintenance Repair Supplies	Grinding Disks
Grainger	01/26/21	\$58.32	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	Delivered	AC		Munters Unit	(2) Belts for Blower
Grainger	01/29/21	\$83.52	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	BS		HVAC Filters	(24) HVAC Filters
Grainger	01/19/21	\$34.45	01-14.B116	SEWER SYSTEM SUPPLIES	In-Store	AH		Supplies	Traction Device for Mens Boots
Home Depot	02/01/21	\$120.75	01-12.B116	WWTC SUPPLIES	In-Store	NW		Supplies	Misc. Hardware, Plumbing & Chemicals for CHP, OSEC Generator & Stock
Home Depot	01/22/21	\$75.26	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	СР		Organizing Supplies for Microstrainer Bldg	Pipe & Supplies for Safety Fencing
Home Depot	01/22/21	\$214.35	01-12.B116	WWTC SUPPLIES	In-Store	СР		Supplies	Storage Totes, Water Hose, Nut Driver Bits
Home Depot	01/21/21	\$43.60	01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	In-Store	JM			C-Clamps for Auger
Home Depot	01/29/21	\$21.28	01-14.B116	SEWER SYSTEM SUPPLIES	In-Store	AH			Tube sand, Lithium coin batteries
Home Depot	01/19/21	\$65.82	01-11.B113	ADMIN SAFETY	In-Store	CP		Safety Supplies	Batteries for new Touchless Hand Sanitizer Dispensers
Home Depot	01/18/21	\$47.03	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	СР		Organizing Supplies for Microstrainer Bldg	Tool Hangers, Hooks, Straps
Home Depot	01/27/21	\$49.96	01-14.B115	SEWER SYSTEM EQUIPMENT/EQUIPMENT REPAIR	In-Store	RF		Unit Heaters	Replacement Thermostats
Home Depot	01/25/21	\$73.40	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	CP		Organizing Supplies for Microstrainer Bldg	Storage Hangers & Pipe Flanges for Fencing
Home Depot	01/14/21	\$33.93	01-12.B116	WWTC SUPPLIES	In-Store	CP		Supplies	Storage Totes & Trash Bags
Home Depot	01/14/21	-\$429.00	01-11.B115	ADMIN EQUIPMENT/EQUIPMENT REPAIR	In-Store	СР	·	Safety	Electrostatic Sprayer (Returned)
Home Depot	02/02/21	\$31.90	01-13.B116	LAB SUPPLIES	In-Store	СР	·-	Supplies	Toilet Brushes & Plungers
Home Depot	02/02/21	\$105.23	01-12.B116	WWTC SUPPLIES	In-Store	СР	·	Supplies	Salt Buckets, Spray Paint, Hose Connectors, Dielectric Grease Compound

Date:	2/4/2021	Petty Cash Checking Reimbursement
<b>Due Date</b>	: 2/10/2021	
Invoice #:	Reimburse	

Date	<b>Purchased From</b>	Description	Code	Amount	Ck No.
01/15/21	Dekalb County Clerk	C Shaw Notary Signature	17.E452	10.00	3694
01/20/21	Josh & Natlie White	BSSRAP Rodding Refund	14.B910	382.65	3695
01/20/21	Daniel Owenby	BSSRAP Rodding Refund	14.B910	644.79	3696
01/25/21	CSWEA	A Bielawa Seminar	11.B117	40.00	3697
01/29/21	Will County Clerk	K Giardini Notary Signature	17.E452	10.00	3698
		Total Receipts/Reim	1087.44		

D-440

## Expense by code

11.B117	40.00
14.B910	1027.44
17.E452	20.00
	1087 44

 Date:
 2/4/2021
 Petty Cash Reimbursement
 P - 350

 Due Date:
 2/9/2021

Due Date: 2/9
Invoice #: Cash Box

Date	Purchased From	Reimbursed To	Description	Code	Amount
1/12/2021	Amazon	Jessie Gwozdz	Spray bottles for disinfectant	11.B116	21.08
1/13/2021	USPS	Megan M	Postage Due	11.B119	0.62
1/20/2021	USPS	Megan M	Postage Due	11.B119	6.95
1/23/2021	USPS	Megan M	Postage Due	11.B119	4.34
			Tota	l Receipts	32.99

## Expense by code

11.B116	21.08
11.B119	11.91

32.99

#### DOWNERS GROVE SANITARY DISTRICT

### MEMO

DATE: February 5, 2021

TO: Board of Trustees

FROM: Amy R. Underwood

General Manager

RE: Five Year Financial Plan

Enclosed please find copies of the following items:

- 1. Five year financial plan for Fiscal Years 2021-2022 to 2025-2026.
- 2. Notice of availability of Appropriation Ordinance/Budget for public review.
- 3. Revised Budget Calendar.
- 4. Appropriation Ordinance for Fiscal Year 2021-2022.

Staff will review these documents with the Board at the February 9 meeting. We will be seeking Board approval to publish the notice of availability in the Downers Grove Reporter on February 11. Final action is scheduled for the March 16 Board meeting.

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

DOWNERS GROVE SANITARY DISTRICT
FIVE YEAR FINANCIAL PLAN
FISCAL YEARS 2021-2022 TO 2025-2026

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#### Introduction

This five-year plan presents recommended expenditures and revenues necessary to meet the operation, maintenance, replacement, capital improvement and debt service requirements of the District over the five year period from May 1, 2021 to April 30, 2026. The plan contains separate projections for the combined general corporate and replacement fund (operation, maintenance and replacement needs), the construction fund (Wastewater Treatment Center capital improvements), the improvement fund (sewer system and pump station capital improvements) and the public benefit fund. A brief overview of each of these separate projections is provided below.

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

The plan includes expenditures for the replacement and rehabilitation of the wastewater collection system, including building service repairs to help control sewer system backups and overflows. The goal is to sustain annual replacement and rehabilitation expenses at a level equal to 1.0% of the replacement value of the sewer infrastructure. After FY 2021-22, sewer rehabilitation and replacement costs are sustained at the 1.0% level on an ongoing basis. Expenses include the portion of ARRA loan repayments to the Illinois Environmental Protection Agency (IEPA) associated with sewer rehabilitation work previously conducted with ARRA loan funding.

Planned replacements and major maintenance items for non-sewer fixed assets necessary for continued reliable operation are identified. The FY 2021-22 non-sewer annual replacement, rehabilitation and upgrade expenses budget represents about 225% of the FY 2019-20 annual depreciation of non-sewer fixed assets.

The user rate is proposed to increase from the current level of \$1.80 per 1,000 gallons to \$1.95 per 1,000 gallons for FY 2021-22 with \$0.35 increases projected in FY 2022-23, FY 2024-25 and FY 2025-26 and a \$0.25 increase projected in FY 2023-24. Monthly service fees are proposed to remain at the current amount of \$17.00 through FY 2022-23. A monthly service fee increase to \$18.00 is projected for FY 2023-24. The projected user rate and monthly service fee increases for FY 2022-23 through FY 2025-26 result in higher than rate and fee increases than the District has historically implemented. The higher increases are projected in order to address aging infrastructure and the anticipation of the use of phosphorus reducing chemicals needed to meet a total phosphorus permit limit. The increases also continue to accommodate the desired levels of sewer system replacement and rehabilitation expenditures while keeping up with inflation. The surcharge rates are proposed to be held at the current rate for FY21-22 with proposed increases ranging from 7.6% to 8.9% in the four subsequent years. The surcharge rate increases are planned in order to gradually bring the cost per pound of BOD and cost per pound of TSS up to the match the cost of service. Other user charges such as sampling and monitoring charges will increase as the cost to provide services increases with inflation.

<u>Construction Fund</u> – The primary source of revenue to the construction fund is sewer permit fees. These fees are utilized for improvements and additions at the WWTC and for the repayment of loans from the IEPA. Revenues are accumulated for the next major expansion of WWTC capacity, purchase of adjacent property, or other capital improvements that upgrade the facility. Construction of a chemical feed system for phosphorus removal is anticipated in FY 2023-24 and FY 2024-25.

Improvement Fund – The primary sources of revenue to the improvement fund are trunk and lateral sewer service charges. Revenues are accumulated for sewer additions and sewer and lift station capital improvements. This fund is used to finance special assessments extending sewers into unsewered areas, with funds repaid by the owners of properties benefited by the new sewers using vouchers. Replacement of the Centex Lift Station is included in FY 2021-22 and replacement of the Venard Lift Station forcemain is anticipated in FY 2023-24.

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

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
11. Administration												
A. Salary & Wages												
001. Trustees	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000		\$18,000	\$18,000	\$18,000	\$18,000
002. B.O.L.I.	0	0	0	0	900	0	900		900	900	900	900
003. General Management	220,051	212,437	234,862	345,560	244,200	242,181	296,500		306,850	317,600	328,700	340,250
004. Financial Records	181,647	186,692	197,403	203,039	194,400	197,427	201,550		208,600	215,900	223,450	231,250
005. Administrative Records	42,091	40,688	49,549	28,343	25,300	24,931	24,600		25,450	26,350	27,300	28,250
006. Engineering				7,067	12,350	5,559	5,900		6,100	6,300	6,500	6,750
007. Code Enforcement	306,940	328,764	375,864	420,277	372,400	373,121	368,950		381,850	395,200	409,050	423,350
008. Safety Activities	784	1,212	810	11,895	22,250	26,707	39,850		41,250	42,700	44,150	45,700
030. Building & Grounds	5,629	1,988	1,333	605	1,500	872	5,400		5,600	5,800	6,000	6,200
080. Vacation Buyout							12,700					
085. Incentive							2,800					
090. Work from Home Reimbursemen	t Allowance					4,450	4,550					
Subtotal	\$775,142	\$789,783	\$877,821	\$1,034,786	\$891,300	\$893,249	\$981,700	\$1,130,000	\$994,600	\$1,028,750	\$1,064,050	\$1,100,650
B. Operation & Maintenance												
100. Electricity	\$3,228	\$5,092	\$2,118	\$3,172	\$4,000	\$4,173	\$4,450		\$4,700	\$5,000	\$5,300	\$5,600
101. Natural Gas	1,053	1,161	1,278	1,240	3,000	1,176	3,000		3,100	3,200	3,300	3,400
102. Water, Garbage, Other	858	1,316	454	741	1,200	1,050	1,250		1,250	1,300	1,300	1,300
110. Bank Charges	16,000	15,709	14,746	15,158	18,000	20,409	19,000		19,400	19,800	20,200	20,600
112. Communication	16,413	12,907	13,883	16,562	19,300	23,053	24,000		24,000	24,500	25,000	25,500
113. Emergency/Safety Eqpt					42,000	25,010	29,000		20,000	20,000	15,000	17,000
115. Eqpt/Eqpt Repair	103,498	86,011	87,084	92,596	93,000	93,026	142,000		113,000	107,000	70,000	62,000
116. Supplies	5,741	6,811	6,792	7,109	7,500	4,469	7,500		7,700	7,700	7,700	7,700
117. Employee/Duty Costs	16,052	10,280	11,050	19,256	20,000	7,755	16,750		16,500	16,500	17,000	17,000
118. Building & Grounds	16,680	53,584	12,541	20,157	34,000	27,967	166,000		115,500	34,000	41,500	26,000
119. Postage	8,223	6,262	6,308	4,225	9,500	5,024	8,000		9,000	11,000	10,000	11,000
120. Printing/Photography	9,705	7,935	11,509	8,121	12,000	9,513	12,500		12,500	13,000	13,000	13,000
121. User Billing Material	65,076	60,735	64,580	63,831	76,000	60,999	75,000		75,000	77,000	82,000	87,000
124. Contract Services	73,879	92,766	135,569	70,220	102,000	87,008	106,500		109,950	109,450	113,950	113,450
137. Memberships/Subscriptions	11,554	9,929	6,969	8,469	11,100	9,502	9,500		9,600	9,700	9,800	9,900
Subtotal	\$347,961	\$370,498	\$374,883	\$330,858	\$452,600	\$380,134	\$624,450	\$750,000	\$541,200	\$459,150	\$435,050	\$420,450
C. Vehicles												
222. Gas/Fuel	\$859	\$933	\$858	\$1,114	\$2,000	\$617	\$1,500		\$1,500	\$2,000	\$2,000	\$2,000
225. Operation/Repair	429	334	1,113	2,217	2,600	1,010	2,600		2,700	2,700	2,800	2,800
226. Vehicle Purchase	0	0	0	0	0	0	17,500		17,500	18,000	0	0
Subtotal	\$1,288	\$1,267	\$1,971	\$3,331	\$4,600	\$1,627	\$21,600	\$30,000	\$21,700	\$22,700	\$4,800	\$4,800
TOTALS	\$1,124,391	\$1,161,547	\$1,254,674	\$1,368,974	\$1,348,500	\$1,275,010	\$1,627,750	\$1,910,000	\$1,557,500	\$1,510,600	\$1,503,900	\$1,525,900

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
12. Wastewater Treatment Center												
A. Salary & Wages				<b>#00.470</b>	<b>#00 500</b>	<b>#</b> 40.040	<b>#44.000</b>		<b>#</b> 40.050	<b>#</b> 44.550	<b>#</b> 40.400	<b>#47.700</b>
006. Engineering	<b>#447.007</b>	<b>\$440.050</b>	<b>\$00.540</b>	\$29,473	\$36,500	\$46,942	\$41,600		\$43,050	\$44,550	\$46,100	\$47,700
009. Oper. Management 010. Maintenance	\$117,227 475,079	\$112,052 498,714	\$99,519 542,819	107,667 524,751	104,100 530,050	98,684 541,888	99,750		103,250 632,600	106,850 654,750	110,600 677,650	114,450
020. WWTC	484,585	513,848	531,533	536,379	576,400	604,862	591,900 569,400		589,300	609,950	631,300	701,350 653,400
030. Building & Grounds	59,807	65,648	57,751	87,810	137,350	97,938	112,150		116,750	120,800	125,050	129,400
080. Vacation Buyout	39,007	05,040	37,731	07,010	137,330	97,930	24,850		110,730	120,000	123,030	129,400
085. Incentive							3,400					
090. Work from Home Reimbursement	Allowance					363	650					
coo. Work from Florid Rollingarcomonk	, and wanted					000	000					
Subtotal	\$1,136,698	\$1,190,263	\$1,231,621	\$1,286,080	\$1,384,400	\$1,390,677	\$1,443,700	\$1,660,000	\$1,484,950	\$1,536,900	\$1,590,700	\$1,646,300
B.Operation & Maintenance												
100. Electricity	\$188,832	\$140,576	\$75,263	\$80,975	\$109,000	\$124,545	\$93,000		\$51,000	\$52,000	\$53,100	\$54,100
101. Natural Gas	6,600	6,820	6,010	6,346	10,000	6,674	10,000		10,600	11,250	11,950	12,650
102. Water, Garbage, Other	36,131	28,603	22,573	17,838	36,000	26,783	35,000		36,050	37,150	38,250	39,400
103. Odor Control	10,574	4,591	3,603	39,195	4,000	2,417	3,000		3,100	3,200	3,300	3,400
104. Fuel - Generators	1,731	16,023	15,301	3,382	14,000	10,773	14,000		14,400	14,850	15,300	15,750
112. Communication	12,907	15,620	15,094	17,690	20,000	23,010	22,000		22,000	22,500	22,500	22,500
113. Emergency/Safety Eqpt	18,943	9,538	15,005	13,018	9,500	10,101	23,000		12,800	13,150	13,450	13,800
116. Supplies	28,716	29,175	27,058	31,799	32,300	27,001	31,300		31,500	32,450	33,450	34,450
117. Employee/Duty Costs	18,680	22,151	19,573	20,039	26,000	12,536	26,000		26,500	27,000	27,500	28,000
124. Contract Services	85,280	127,218	131,034	203,705	209,800	209,816	216,100		222,600	24,950	25,700	26,500
130. NPDES Permit Fees	53,000	53,000	53,000	53,000	53,000	53,000	53,000		53,000	53,000	53,000	53,000
131. Sludge Hauling/Disposal Services		20,000	64,274	134,615	80,000	119,171	80,000		82,400	84,900	87,400	90,000
400. Chemicals	100,026	84,369	127,772	125,859	120,650	92,446	130,250		134,150	138,200	664,350	929,650
500. Eqpt/Eqpt Repair	714,380	763,286	642,336	997,579	2,687,850	2,181,140	1,094,550		1,006,800	1,160,750	1,228,000	1,346,900
800. Building & Grounds	285,646	200,700	222,016	231,631	301,950	281,516	245,850		352,650	284,400	269,950	233,300
Subtotal	\$1,561,447	\$1,521,669	\$1,439,911	\$1,976,672	\$3,714,050	\$3,180,930	\$2,077,050	\$2,490,000	\$2,059,550	\$1,959,750	\$2,547,200	\$2,903,400
C. Vehicles												
222. Gas/Fuel	\$12,376	\$18,255	\$16,834	\$16,360	\$29,000	\$13,004	\$22,000		\$22,650	\$23,350	\$24,050	\$24,750
225. Operation/Repair	3,594	9,911	10,073	5,065	8,000	4,005	8,000		8,250	8,500	8,750	9,000
226. Vehicle Purchase	0	4,851	10,778	64,060	10,000	0	54,500		41,000	26,000	71,000	13,500
Subtotal	\$15,969	\$33,017	\$37,685	\$85,486	\$47,000	\$17,008	\$84,500	\$100,000	\$71,900	\$57,850	\$103,800	\$47,250
TOTALS	\$2,714,115	\$2,744,949	\$2,709,217	\$3,348,238	\$5,145,450	\$4,588,616	\$3,605,250	\$4,250,000	\$3,616,400	\$3,554,500	\$4,241,700	\$4,596,950

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
13. Laboratory												
A. Salary & Wages												
009. Oper. Management	\$67,465	\$54,228	\$75,106	\$75,903	\$82,250	\$69,218	\$82,150		\$85,050	\$88,000	\$91,085	\$94,250
040. Laboratory	131,733	156,506	145,486	158,457	166,950	173,525	172,200		178,200	184,450	190,915	197,600
080. Vacation Buyout							4,600					
085. Incentive							600					
Subtotal	\$199,198	\$210,735	\$220,591	\$234,360	\$249,200	\$242,743	\$259,550	\$300,000	\$263,250	\$272,450	\$282,000	\$291,850
B. Operation & Maintenance												
112. Communication							\$3,500		\$4,000	\$4,000	\$4,000	\$4,000
114. Chemicals	\$8,328	\$9,566	\$11,478	\$16,704	\$17,800	\$14,401	22,400		23,300	24,300	25,200	26,200
115. Eqpt/Eqpt Repair	68,634	29,948	18,238	12,532	16,000	20,772	53,000		26,000	28,000	63,000	20,700
116. Supplies	14,505	11,721	8,171	13,207	21,100	13,475	23,000		23,900	24,900	25,900	26,900
117. Employee/Duty Costs	2,307	2,498	3,039	2,265	5,600	2,672	5,500		5,500	5,500	6,000	6,000
122. Monitoring Equipment	5,674	377	769	1,508	9,000	3,419	9,000		9,000	4,000	9,000	4,000
123. Outside Lab Services	17,033	13,344	16,701	18,498	19,700	20,623	31,400		22,200	23,100	24,000	25,000
Subtotal	\$116,480	\$67,454	\$58,395	\$64,713	\$89,200	\$75,362	\$147,800	\$180,000	\$113,900	\$113,800	\$157,100	\$112,800
C. Vehicles												
222. Gas/Fuel	\$299	\$392	\$362	\$444	\$550	\$291	\$600		\$600	\$600	\$600	\$650
225. Operation/Repair	168	96	106	1,245	200	257	250		250	250	300	300
226. Vehicle Purchase	6,762	0	0	0	0	0	0		17,500	0	0	20,000
Subtotal	\$7,230	\$487	\$469	\$1,689	\$750	\$548	\$850	\$10,000	\$18,350	\$850	\$900	\$20,950
TOTALS	\$322,907	\$278,675	\$279,455	\$300,762	\$339,150	\$318,653	\$408,200	\$490,000	\$395,500	\$387,100	\$440,000	\$425,600

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
14. Collection System												
A. Salary & Wages												
006. Engineering				\$8,324	\$15,350	\$5,180	\$10,250		\$10,600	\$11,000	\$11,400	\$11,800
050. Sewer Maintenance	\$152,688	\$161,571	\$184,433	189,689	203,500	230,795	203,350		210,450	217,800	225,450	233,300
060. Inspection	280,008	271,723	295,613	195,426	244,600	178,985	247,100		255,750	264,750	274,000	283,600
070. Investigations	10,733	10,595	9,245	4,245	10,250	682	4,800		4,950	5,100	5,300	5,500
080. Vacation Buyout							10,850					
085. Incentive							1,400					
090. Work from Home Reimbursement Allowance						850	1,300					
Subtotal	\$443,429	\$443,889	\$489,291	\$397,684	\$473,700	\$416,492	\$479,050	\$550,000	\$481,750	\$498,650	\$516,150	\$534,200
B. Operation & Maintenance												
112. Communication	\$8,987	\$8,534	\$7,605	\$7,828	\$11,500	\$10,981	\$11,500		\$11,500	\$12,000	\$12,000	\$12,000
113. Emer/Safety Equipment	9,558	4,697	1,031	958	4,350	4,501	4,600		3,450	3,550	3,700	3,800
115. Eqpt/Eqpt Repair	198,834	73,191	27,514	50,497	59,450	24,409	37,400		37,800	54,000	55,100	56,300
116. Supplies	4,026	4,893	4,943	3,077	4,000	4,735	4,500		5,400	5,550	5,700	5,900
117. Employee/Duty Costs	11,967	9,951	7,708	9,315	13,500	7,499	13,500		14,000	14,000	14,000	14,500
124. Contract Services	81,513	71,093	107,940	120,840	105,000	80,808	105,000		105,000	105,000	105,000	105,000
127. JULIE	16,950	17,386	16,526	16,489	16,750	16,741	15,750		16,250	16,700	17,250	17,750
128. Overhead Sewer Program	6,633	11,080	22,634	6,088	43,000	42,333	40,000		40,000	40,000	40,000	40,000
129. Public Sewer Blockage Program	16,379	3,232	5,426	502	12,000	7,020	12,000		12,000	12,000	12,000	12,000
900. Collection System Repair	1,889,063	1,887,222	1,972,430	1,054,951	1,603,600	1,371,262	2,833,600		2,181,600	2,181,600	2,181,600	2,181,600
Subtotal	\$2,243,910	\$2,091,278	\$2,173,756	\$1,270,544	\$1,873,150	\$1,570,290	\$3,077,850	\$3,690,000	\$2,427,000	\$2,444,400	\$2,446,350	\$2,448,850
C. Vehicles												
222. Gas/Fuel	\$10,023	\$14,490	\$13,263	\$12,253	\$26,000	\$12,052	\$26,000		\$27,550	\$29,200	\$30,950	\$32,800
225. Operation/Repair	8,841	10,189	6,188	12,175	6,700	5,010	6,700		6,900	7,100	7,300	7,550
226. Vehicle Purchase	0	36,242	411	25,720	44,500	43,201	(12,500)		0	325,000	18,000	32,500
Subtotal	\$18,863	\$60,921	\$19,862	\$50,149	\$77,200	\$60,263	\$20,200	\$30,000	\$34,450	\$361,300	\$56,250	\$72,850
TOTALS	\$2,706,203	\$2,596,088	\$2,682,909	\$1,718,377	\$2,424,050	\$2,047,045	\$3,577,100	\$4,270,000	\$2,943,200	\$3,304,350	\$3,018,750	\$3,055,900

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
15. Lift Stations												
A. Salary & Wages									<u>.</u>			
006. Engineering	***	<b>^</b>	<b>*</b>	\$1,361	\$3,900	\$60	\$9,150		\$9,500	\$9,800	\$10,150	\$10,500
009. Oper. Management	\$350	\$5,734	\$9,494	3,998	9,900	0	4,000		4,150	4,300	4,450	4,600
030. Building & Grounds	1,274	1,943	1,355	3,394	9,200	258	7,200		7,450	7,700	7,950	8,250
080. Lift Station Maint.	36,061	73,740	69,327	53,858	77,400	11,634	65,650		70,650	73,100	75,650	78,300
Subtotal	\$37,685	\$81,418	\$80,176	\$62,611	\$100,400	\$11,953	\$86,000	\$100,000	\$91,750	\$94,900	\$98,200	\$101,650
B. Operation & Maintenance												
100. Electricity	\$102,568	\$109,875	\$115,955	\$119,635	\$127,500	\$104,996	\$135,000		\$137,000	\$140,000	\$142,000	\$145,000
104. Fuel - Generators	3,600	3,337	3,729	2,789	4,500	2,331	3,500		3,600	3,700	3,800	3,950
112. Communication	3,932	4,040	4,228	4,396	6,000	6,002	6,500		6,500	6,500	6,500	6,500
113. Emer/Safety Eqpt.	145	74	0	274	1,000	759	1,000		1,050	1,050	1,100	1,100
116. Supplies	493	387	432	73	400	282	400		400	400	450	450
500. Eqpt/Eqpt Repair	145,386	93,296	155,538	112,519	105,300	53,074	398,700		572,400	447,950	112,000	157,100
800. Building & Grounds	14,140	61,657	36,795	88,461	57,700	39,122	149,500		41,750	46,800	36,650	41,750
Subtotal	\$270,264	\$272,665	\$316,677	\$328,148	\$302,400	\$206,566	\$694,600	\$830,000	\$762,700	\$646,400	\$302,500	\$355,850
TOTALS	\$307,949	\$354,083	\$396,853	\$390,759	\$402,800	\$218,519	\$780,600	\$930,000	\$854,450	\$741,300	\$400,700	\$457,500
17. Insurance & Employee Benefits E. Insurance & Payroll												
452. Liability/Property	\$203,477	\$182,779	\$173,012	\$190,591	\$208,000	\$207,999	\$220,000		\$233,000	\$234,000	\$235,000	\$236,000
455. Employee Group Coverage	429,914	456,818	509,573	472,701	514,000	461,551	524,000		556,000	588,000	620,000	654,000
460. I.M.R.F.	297,755	311,454	320,556	275,719	318,000	310,903	317,000		340,000	337,000	334,000	330,000
461. Social Security	192,335	209,026	213,468	218,714	232,000	233,015	242,000		249,000	257,000	266,000	275,000
TOTALS	\$1,123,481	\$1,160,077	\$1,216,608	\$1,157,725	\$1,272,000	\$1,213,467	\$1,303,000	\$1,500,000	\$1,378,000	\$1,416,000	\$1,455,000	\$1,495,000
GRAND TOTALS	\$8,299,047	\$8,295,420	\$8,539,717	\$8,284,836	\$10,931,950	\$9,661,309	\$11,301,900	\$13,350,000	\$10,745,050	\$10,913,850	\$11,060,050	\$11,556,850

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
REVENUES User receipts Surcharges Monthly service fees Plan review fees Const inspection fees Permit inspection fees Interest Sampling & monitoring charges Real estate taxes Television inspection fees Replacement taxes Lease payments	\$3,107,149 352,938 3,201,483 0 928 24,366 7,111 88,834 1,126,923 227 88,559 33,043	\$3,181,525 335,186 3,571,582 2,481 0 27,661 14,562 94,702 1,144,467 0 72,184 33,375	\$3,132,389 333,079 3,843,884 364 0 25,810 43,087 100,401 1,183,080 0 74,500 33,899	\$3,097,564 343,452 4,068,677 418 0 24,728 51,925 103,235 1,219,196 0 98,083 34,456	\$3,451,000 375,000 4,120,800 2,000 500 22,000 38,000 72,500 1,254,500 150 75,000 34,850	\$3,197,701 310,877 4,102,037 430 150 15,326 22,141 103,079 1,255,378 0 70,934 34,707	\$3,470,300 307,500 4,132,000 500 500 20,000 18,000 75,000 1,291,800 150 75,000 35,000	\$3,470,300 307,500 4,132,000 500 500 20,000 18,000 75,000 1,291,800 150 75,000 35,000	\$3,936,200 331,650 4,132,000 500 500 22,000 26,400 77,500 1,329,300 150 75,000 35,350	\$4,259,600 361,100 4,343,500 500 500 22,000 12,200 80,000 1,367,800 150 75,000 35,700	\$4,686,700 390,600 4,375,100 500 500 22,000 12,550 82,500 1,407,500 150 75,000 36,000	\$5,102,400 420,100 4,375,100 500 500 22,000 13,850 85,000 1,448,300 150 75,000 36,400
Miscellaneous Grease Waste Renewable Energy Credits  TOTAL REVENUES	29,070 213,518 \$8,274,150	15,017 201,690 4,644 \$8,699,075	14,225 224,488 11,627	13,502 186,142 3,722	10,000 200,000 3,000	30,153 146,709 2,000 \$9,291,620	10,000 220,000 3,000	10,000 220,000 3,000 \$9,658,750	280,000 220,000 3,000	10,000 220,000 3,000 \$10,791,050	10,000 220,000 3,000	10,000 220,000 3,000 \$11,812,300
TOTAL REVENUES  TOTAL EXPENSES  EXCESS (DEFICIT) REVENUES	\$8,299,047	\$8,295,420	\$9,020,833 \$8,539,717	\$9,245,099 \$8,284,836	\$9,659,300 \$10,931,950	\$9,661,309	\$9,658,750 \$11,301,900	\$13,350,000	\$10,469,550 \$10,745,050	\$10,791,050	\$11,322,100 \$11,060,050	\$11,556,850
OVER EXPENSES  ENDING FUND BALANCE	(\$24,897) \$2,947,507	\$403,655 \$3,351,162	\$481,117 \$3,832,279	\$960,263 \$4,792,542	(\$1,272,650) \$3,519,892	(\$369,690) \$4,422,852	(\$1,643,150) \$2,779,702	(\$3,691,250) \$731,602	(\$275,500) \$2,504,202	(\$122,800) \$2,381,402	\$262,050 \$2,643,452	\$255,450 \$2,898,902
RESTRICTED FOR REPLACEMENT	\$820,000	\$820,000	\$820,000	\$820,000	\$820,000	\$820,000	\$820,000	φ/31,002	\$820,000	\$820,000	\$820,000	\$820,000
UNRESTRICTED	\$2,127,507	\$2,531,162	\$3,012,279	\$3,972,542	\$2,699,892	\$3,602,852	\$1,959,702		\$1,684,202	\$1,561,402	\$1,823,452	\$2,078,902
ENDING FUND BALANCE AS PERCENTAC OF TOTAL EXPENSES	36%	40%	45%	58%	32%	46%	25%		23%	22%	24%	25%
USER RATE  INCREASE FROM PRIOR YEAR'S RATE	\$1.65 0.0%	\$1.65 0.0%	\$1.65 0.0%	\$1.70 3.0%	\$1.80 5.9%	\$1.80 5.9%	\$1.95 8.3%		\$2.30 17.9%	\$2.55 10.9%	\$2.90 13.7%	\$3.25 12.1%
MONTHLY SERVICE FEE	\$13.50	\$15.00	\$16.00	\$17.00	\$17.00	\$17.00	\$17.00		\$17.00	\$18.00	\$18.00	\$18.00
INCREASE FROM PRIOR YEAR'S FEE	12.5%	11.1%	6.7%	6.3%	0.0%	0.0%	0.0%		0.0%	5.9%	0.0%	0.0%

# GENERAL CORPORATE FUND EXPENDITURES

# <u>Summary</u>

The annual budgets for operation, maintenance and replacement for the next five years are contained in Exhibit 1. The proposed budget amounts represent the best estimates of actual expenditures each year. Necessary contingencies for FY 2021-22 are provided in the proposed appropriation amounts for the major categories in each department. The appropriation amounts represent the legal limit on spending during the year as established in the appropriation ordinance.

Total operation, maintenance and replacement expenditures for FY 2021-22 are budgeted at \$11,301,900 and actual expenditures are expected to be 100% of budget. Actual expenditures for FY 2020-21 are projected to be \$9,661,309, which is approximately 11.5% less than was budgeted. For the past few years, the ending fund balance has been above the target level, which is 25% of the total annual expenses. The increase in expenditures in FY 2021-22 will spend down the surplus on the outfall sewer replacement project that was slated for FY 2020-21 and will be rebid due to the cost being much higher than anticipated as well as improvements necessary to address aging infrastructure, as discussed in further detail below. The following table presents budget and actual totals for the last ten years and projected budget totals for the next five years:

	O & M	Actual	% of Actual	Annual Increase in Actual
<b>5</b> :1\/	= -:			
Fiscal Year	<u>Budget</u>	<u>Expenditures</u>	to Budget	<u>Expenditures</u>
2011-12	7,507,300	7,786,276	104%	-23.1%
2012-13	7,275,100	7,414,342	102%	-4.8%
2013-14	7,589,050	7,559,060	100%	2.0%
2014-15	7,509,450	7,546,493	100%	-0.2%
2015-16	7,824,150	7,379,248	94%	-2.2%
2016-17	8,343,000	8,299,047	99%	12.5%
2017-18	8,796,200	8,295,420	94%	0.0%
2018-19	9,204,250	8,539,717	93%	2.9%
2019-20	9,429,400	8,284,836	88%	-3.0%
2020-21	10,931,950	9,661,309*	88%*	16.6%*
2021-22	11,301,900	11,301,900*	100%*	17.0%*
2022-23	10,745,050	10,745,050*	100%*	-4.9%*
2023-24	10,913,850	10,913,850*	100%*	1.6%*
2024-25	11,060,050	11,060,050*	100%*	1.3%*
2025-26	11,556,850	11,556,850*	100%*	4.5%*
*projected				

The decrease in FY 2011-12 represents the decrease in projects after the District leveraged the ARRA program funding opportunity previous fiscal year. The decrease in FY 2012-13 was primarily due to reduced operating costs associated with low rainfall totals during this period. The increase from FY 2015-16 to FY 2016-17 represents the successful completion of new and outstanding sewer system rehabilitation and replacement projects, and new equipment in the sewer televising truck. The increase from FY 2017-18 to FY 2018-19 represents an increase in the annual expenditures for sewer replacement and rehabilitation. The increase from FY 2019-20 to FY 2020-21 is due to carryover of FY 2019-20 projects as well

as CHP engine replacement. This improvement will enhance the operation of the existing facility to reduce future operating expenses. The increase in FY 2021-22 is due to several projects associated with aging infrastructure which are shown in Exhibit 2. The outfall sewer sag repair, for which the bids came in higher than expected in FY 2020-21 will be rebid in FY 2021-22. The increase in FY 2023-24 reflects the replacement of the heavy duty sewer system jetter/vacuum truck. The increase in FY 2024-25 includes the addition of phosphorus reducing chemicals. This expense is partially offset by discontinuation of the DRSCW special assessment for stream restoration projects after FY 2022-23.

# Analysis by Type of Expenditure

#### I. Salaries and Wages

<u>Year</u>	Salaries and Wages	<u>Change</u>	Full Time <u>Equivalents</u>
FY 2016-17	2,592,153	1.7%	37.1
FY 2017-18	2,716,088	4.8%	37.8
FY 2018-19	2,899,501	6.8%	38.7
FY 2019-20	3,015,522	4.0%	36.7
FY 2020-21	2,955,114	-2.0%	35.6
FY 2021-22	3,250,000	10.0%	37.9
FY 2022-23	3,316,300	2.0%	38.2
FY 2023-24	3,431,650	3.5%	38.2
FY 2024-25	3,551,100	3.5%	38.2
FY 2025-26	3,674,650	3.5%	38.2

The increase in FY 2016-17 reflects turnover in the sewer system department and normal salary adjustments with nearly full staffing. Increases in FY 2017-18 and FY 2018-19 reflect turnover at the sewer technician position and some overlapping hires needed to address pending retirements. The increase in FY 2019-20 reflects the retirement of an inspector, the addition of a staff engineering positon, and some overlapping hires needed to address pending retirements. Salaries and wages decreased in FY 2020-21 reflects turnover at two higher salary positions, the general manager and sewer construction supervisor positions, due to retirement. The increase in FY 2021-22 reflects hiring of a permit technician to fill the position that was vacated by a promotion to the sewer construction supervisor position, an additional full-time mechanic, a part-time IT specialist and the COVID pandemic related compensation, including the work from home allowance, vaccination incentives and a vacation buyout. After FY 2021-22, annual salary adjustments of 3.5% at full staffing account for future increases. While FY 2022-23 includes the 3.5% annual salary adjustment, the overall projected salary increase is less due to planned discontinuation of the previously mentioned COVID related compensation.

# II. O & M Expenses – Utilities

<u>Year</u>	<u>Utilities</u>	<u>Change</u>
FY 2016-17	339,270	0.3%
FY 2017-18	293,443	-13.5%
FY 2018-19	223,652	-23.8%
FY 2019-20	229,948	2.8%
FY 2020-21	269,398	17.2%

C. II Time a

FY 2021-22	281,700	4.6%
FY 2022-23	243,700	-13.5%
FY 2023-24	249,900	2.5%
FY 2024-25	255,200	2.1%
FY 2025-26	261,450	2.4%

Reductions in FY 2017-18 and FY 2018-19 reflect implementation of the second phase of the CHP gas utilization system. The increases in FY 2019-20 and FY 2020-21 are due to one and at times both CHP gas utilization systems being out of service. The CHP system to replace the CHP unit that failed in 2019 will be operation at the end of FY 2020-21. The projected decreases in FY 2022-23 reflects the expected decrease in electrical expenses with the second system in service. The full decrease will not be achieved in FY 2021-22 due to transmission and capacity charges being based on peak electrical usage from the previous year, while both CHPs were out of service. Electric price increases are projected to grow at 2% per year. Natural gas use is expected to remain low compared to historic levels.

# III. O & M Expenses – Other

<u>Year</u>	O & M Expenses - Excluding Utilities	<u>Change</u>
FY 2016-17	4,200,792	27.4%
FY 2017-18	4,030,120	-4.1%
FY 2018-19	4,139,970	2.7%
FY 2019-20	3,740,986	-9.6%
FY 2020-21	5,143,884	37.5%
FY 2021-22	6,340,050	23.3%
FY 2022-23	5,660,650	-10.7%
FY 2023-24	5,373,600	-5.1%
FY 2024-25	5,633,350	4.8%
FY 2025-26	5,979,900	6.2%

The increase from FY 2015-16 to FY 2016-17 was due to completion of new and ongoing sewer replacement and rehab projects and new televising equipment in the sewer TV truck. The increase from FY 2017-18 to FY 2018-19 represents an increase in the annual expenditures for sewer replacement and rehabilitation. The FY 2020-21 expenses are significantly higher than previous years due to replacement of a CHP engine and a composting pilot as well as the WAS thickener project not being completed in FY 2019-20 as originally planned. In general, expenses over the next five years are significantly higher in comparison to the last five years to address aging infrastructure. Two major lift station projects will be funded out of the Improvement Fund in FY 2021-22 and FY 2023-24. The Improvement Fund does not have a sufficient balance to fully fund these projects. As a result, transfer of funds from the General Corporate Fund is planned for FY 2021-22, FY 2022-23 and FY 2023-24. FY 2024-25 and FY 2025-26 include the addition of phosphorus removing chemicals in anticipation of the future total phosphorus limit compliance date in the Wastewater Treatment center's NDPES permit. Major planned expenses are detailed in Exhibit 2.

# IV. <u>Vehicles</u>

<u>Year</u>	<u>Vehicles</u>	<u>Replacements</u>	<u>Change</u>
FY 2016-17	43,351	1	-49.2%
FY 2017-18	95,692	2	120.7%
FY 2018-19	59,986	1	-37.3%
FY 2019-20	140,654*	3*	134.5%
FY 2020-21	79,446	2	-43.5%
FY 2021-22	127,150	4	60.0%
FY 2022-23	146,400	4	15.1%
FY 2023-24	442,700	4	202.4%
FY 2024-25	165,750	4	-62.6%
FY 2025-26	145,850	3	-12.0%

<sup>\*</sup>Revenue from the sale of a portion of the vehicles replaced is not included in the expense shown, whereas it is for all other years.

Vehicle expenses fluctuate based on vehicle replacement needs and average \$144,698 per year during the ten year period shown. Small vehicles are generally scheduled for replacement after six years of use, while larger heavy duty vehicles have a longer service life. Small CNG vehicles are scheduled for replacement after 10 years. Replacement of the heavy duty sewer system jetter/vacuum truck is anticipated in FY 2023-24. Proposed vehicle replacements are detailed in Exhibit 2 under budget codes 11C226, 12C226, 13C226 and 14C226. The two vehicles which were planned to be sold in FY19-20 were not sold until FY20-21 due to delays associated with the COVID pandemic. Rather than posting the revenue against the vehicle expenses as is normally done, the \$20,251 sales revenue was posted to miscellaneous revenue for FY20-21.

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

<u>Year</u>	Ins/Emp Benefits	<u>Change</u>
FY 2016-17	1,123,481	1.1%
FY 2017-18	1,160,077	3.3%
FY 2018-19	1,216,608	4.9%
FY 2019-20	1,157,725	-4.8%
FY 2020-21	1,213,467	4.8%
FY 2021-22	1,303,000	7.4%
FY 2022-23	1,378,000	5.5%
FY 2023-24	1,416,000	2.8%
FY 2024-25	1,455,000	2.8%
FY 2025-26	1,495,000	2.7%

The proposed increases in these expenditures are due to anticipated premium increases on all coverages, particularly employee group, workers compensation, property and liability. IMRF contributions are expected to decrease moderately each year over the next five years due to anticipated retirement activity.

					FY 20-21	FY 20-21						
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	Budget	Projected	FY 21-22	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
	Actual	Actual	Actual	Actual	(as amended)	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
SUMMARY AND ANALYSIS												
EXPENSE ANALYSIS BY DEPARTMENT												
ADMINISTRATION												
SALARIES AND WAGES	\$775,142	\$789,783	\$877,821	\$1,034,786	\$891,300	\$893,249	\$981,700	\$1,130,000	\$994,600	\$1,028,750	\$1,064,050	\$1,100,650
% CHANGE FROM PRIOR YEAR	-1.9%	1.9%	11.1%	17.9%	-13.9%	-13.7%	9.9%	ψ1,130,000	1.3%	3.4%	3.4%	3.4%
70 CHANGE FROM FRIOR TEAR	-1.976	1.970	11.170	17.976	-13.976	-13.7 /6	9.976		1.576	3.470	3.470	3.470
OFFICE EXPENSES	\$347,961	\$370,498	\$374,883	\$330,858	\$452,600	\$380,134	\$624,450	\$750,000	\$541,200	\$459,150	\$435,050	\$420,450
% CHANGE FROM PRIOR YEAR	11.6%	6.5%	1.2%	-11.7%	36.8%	14.9%	64.3%		-13.3%	-15.2%	-5.2%	-3.4%
VEHICLE EXPENSES	\$1,288	\$1,267	\$1,971	\$3,331	\$4,600	\$1,627	\$21,600	\$30,000	\$21,700	\$22,700	\$4,800	\$4,800
% CHANGE FROM PRIOR YEAR	-87.8%	-1.7%	55.6%	69.0%	38.1%	-51.2%	1227.9%		0.5%	4.6%	-78.9%	0.0%
TOTAL ADMINISTRATION EXPENSES	\$1,124,391	\$1,161,547	\$1,254,674	\$1,368,974	\$1,348,500	\$1,275,010	\$1,627,750	\$1,910,000	\$1,557,500	\$1,510,600	\$1,503,900	\$1,525,900
% CHANGE FROM PRIOR YEAR	1.1%	3.3%	8.0%	9.1%	-1.5%	-6.9%	27.7%		-4.3%	-3.0%	-0.4%	1.5%

# Salaries and Wages

Salary levels generally increase with projected salary adjustments. The higher salary level in FY 19-20 was a result of succession planning for the general manager position. The decrease in salary level in FY20-21 was a result of retirements at the general manager and sewer construction supervisor positions. The FY21-22 salary increase for current employees averages 3.2%. The extra increase in salary expenses for FY21-22 is due to the additions of a part-time IT Specialist, a planned vacation buyout, COVID-19 vaccination incentives and work from home reimbursement. A lower increase in salary expenses for FY22-23 is a result of not continuing pandemic related salary expenses (i.e., vacation buyout, incentives, and work from home allowance).

# Office

A code review and HVAC review of the Administration Center by an architect are included. Funds are also included to make modifications to the HVAC system in the Administration Center in order to ensure a safer working environment during a pandemic. Planned improvements to the Administration Center also include remodeling the reception area, new carpeting and re-roofing. Office servers, network infrastructure and software updates are included.

#### Vehicles

Vehicle costs reflect fuel and normal maintenance and repairs and replacement of vehicles in FY 21-22, FY 22-23 and FY 23-24.

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT WASTEWATER TREATMENT CENTER												
SALARIES AND WAGES % CHANGE FROM PRIOR YEAR	\$1,136,698 3.9%	\$1,190,263 4.7%	\$1,231,621 3.5%	\$1,286,080 4.4%	\$1,384,400 7.6%	\$1,390,677 8.1%	\$1,443,700 3.8%	\$1,660,000	\$1,484,950 2.9%	\$1,536,900 3.5%	\$1,590,700 3.5%	\$1,646,300 3.5%
OPERATION & MAINTENANCE EXPENSES % CHANGE FROM PRIOR YEAR	\$1,561,447 -8.7%	\$1,521,669 -2.5%	\$1,439,911 -5.4%	\$1,976,672 37.3%	\$3,714,050 87.9%	\$3,180,930 60.9%	\$2,077,050 -34.7%	\$2,490,000	\$2,059,550 -0.8%	\$1,959,750 -4.8%	\$2,547,200 30.0%	\$2,903,400 14.0%
VEHICLE EXPENSES % CHANGE FROM PRIOR YEAR	\$15,969 -72.4%	\$33,017 106.8%	\$37,685 14.1%	\$85,486 126.8%	\$47,000 -45.0%	\$17,008 -80.1%	\$84,500 396.8%	\$100,000	\$71,900 -14.9%	\$57,850 -19.5%	\$103,800 79.4%	\$47,250 -54.5%
TOTAL PLANT EXPENSES % CHANGE FROM PRIOR YEAR	\$2,714,115 -5.2%	\$2,744,949 1.1%	\$2,709,217 -1.3%	\$3,348,238 23.6%	\$5,145,450 53.7%	\$4,588,616 37.0%	\$3,605,250 -21.4%	\$4,250,000	\$3,616,400 0.3%	\$3,554,500 -1.7%	\$4,241,700 19.3%	\$4,596,950 8.4%
COMMENTS												

Salaries and Wages WWTC salaries and wages reflect full staffing, including an additional mechanic starting in FY 21-22 and

projected annual salary adjustments.

Operation & Maintenance Planned upgrades and replacements are detailed in Exhibit 2 under codes 12B500 and 12B800. Operation

& maintenance expenses increased in FY20-21 as a result of the WAS thickener installation and

replacement of one CHP engine. The decrease in FY21-22 is a result of these projects being complete and no larger projects being planned for the plant in FY21-22, with the exception of the outfall pipe replacement which is included in the collection system budget. The increase in FY24-25 is due to chemical addition to

meet the phosphorus limit as required in the plant's NPDES permit.

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

budget code 12C226.

#### DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2021-2022 to 2025-2026

					FY 20-21	FY 20-21						
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	Budget	Projected	FY 21-22	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
	Actual	Actual	Actual	Actual	(as amended)	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT LABORATORY												
SALARIES AND WAGES % CHANGE FROM PRIOR YEAR	\$199,198 3.0%	\$210,735 5.8%	\$220,591 4.7%	\$234,360 6.2%	\$249,200 6.3%	\$242,743 3.6%	\$259,550 6.9%	\$300,000	\$263,250 1.4%	\$272,450 3.5%	\$282,000 3.5%	\$291,850 3.5%
OPERATION & MAINTENANCE EXPENSES % CHANGE FROM PRIOR YEAR	\$116,480 133.7%	\$67,454 -42.1%	\$58,395 -13.4%	\$64,713 10.8%	\$89,200 37.8%	\$75,362 16.5%	\$147,800 96.1%	\$180,000	\$113,900 -22.9%	\$113,800 -0.1%	\$157,100 38.0%	\$112,800 -28.2%
VEHICLE EXPENSES % CHANGE FROM PRIOR YEAR	\$7,230 1424.7%	\$487 -93.3%	\$469 -3.9%	\$1,689 260.5%	\$750 -55.6%	\$548 -67.6%	\$850 55.2%	\$10,000	\$18,350 2058.8%	\$850 -95.4%	\$900 5.9%	\$20,950 2227.8%
TOTAL LABORATORY EXPENSES % CHANGE FROM PRIOR YEAR	\$322,907 32.5%	\$278,675 -13.7%	\$279,455 0.3%	\$300,762 7.6%	\$339,150 12.8%	\$318,653 5.9%	\$408,200 28.1%	\$490,000	\$395,500 -3.1%	\$387,100 -2.1%	\$440,000 13.7%	\$425,600 -3.3%

# COMMENTS

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

higher than normal increase in FY21-22 is a result of planned COVID related compensation (i.e., vacation buyout and vaccination incentive), and the subsequent lower than normal increase the following FY is a

result not continuing these items.

Operation & Maintenance Major expenditures include casework replacements, mold abatement, scheduled equipment replacements

and renewal of the online analyzer service contracts. Additional outside laboratory services are included in FY21-22 for sampling for the Local Limits study that will be required by the NDPES permit when renewed.

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

and the lab van in FY25-26.

					FY 20-21	FY 20-21						
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	Budget	Projected	FY 21-22	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
	Actual	Actual	Actual	Actual	(as amended)	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT COLLECTION SYSTEM												
SALARIES AND WAGES	\$443,429	\$443,889	\$489,291	\$397,684	\$473,700	\$416,492	\$479,050	\$550,000	\$481,750	\$498,650	\$516,150	\$534,200
% CHANGE FROM PRIOR YEAR	3.1%	0.1%	10.2%	-18.7%	19.1%	4.7%	15.0%	. ,	0.6%	3.5%	3.5%	3.5%
OPERATION & MAINTENANCE EXPENSES % CHANGE FROM PRIOR YEAR	\$2,243,910 76.3%	\$2,091,278 -6.8%	\$2,173,756 3.9%	\$1,270,544 -41.6%	\$1,873,150 47.4%	\$1,570,290 23.6%	\$3,077,850 96.0%	\$3,690,000	\$2,427,000 -21.1%	\$2,444,400 0.7%	\$2,446,350 0.1%	\$2,448,850 0.1%
VEHICLE EXPENSES	\$18,863	\$60,921	\$19,862	\$50,149	\$77,200	\$60,263	\$20,200	\$30,000	\$34,450	\$361,300	\$56,250	\$72,850
% CHANGE FROM PRIOR YEAR	14.5%	223.0%	-67.4%	152.5%	53.9%	20.2%	-66.5%	***************************************	70.5%	948.8%	-84.4%	29.5%
TOTAL COLLECTION SYSTEM EXPENSES % CHANGE FROM PRIOR YEAR	\$2,706,203 57.4%	\$2,596,088 -4.1%	\$2,682,909 3.3%	\$1,718,377 -36.0%	\$2,424,050 41.1%	\$2,047,045 19.1%	\$3,577,100 74.7%	\$4,270,000	\$2,943,200 -17.7%	\$3,304,350 12.3%	\$3,018,750 -8.6%	\$3,055,900 1.2%

Salaries and Wages The plan reflects full staffing and normal planned annual increases. The higher than normal increase in FY21-

22 is a result of planned COVID related compensation (i.e., vacation buyout, vaccination incentive, and work from home allowance), and the subsequent lower than normal increase the following FY is a result not

continuing these items.

Operation & Maintenance Continued implementation of the Building Sanitary Service Repair Assistance Program is reflected. The

increase for FY21-22 is a result of planned replacement of a section of the Wastewater Treatment Center outfall sewer pipe. The next phase in the 1K-028 basin rehabilitation is also included in FY21-22. Expenses

for planned structural rehab work are at target levels after FY21-22.

Vehicles Vehicle costs reflect fuel and normal maintenance and repairs. Future vehicle purchases are shown in

Exhibit 2 under section 14C226. FY23-24 includes replacement of the combination vacuum/jet truck.

					FY 20-21	FY 20-21						
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	Budget	Projected	FY 21-22	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
	Actual	Actual	Actual	Actual	(as amended)	Actual	Budget	Appropriation	Projected	Projected	Projected	Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT LIFT STATIONS												
SALARIES AND WAGES	\$37,685	\$81,418	\$80,176	\$62,611	\$100,400	\$11,953	\$86,000	\$100,000	\$91,750	\$94,900	\$98,200	\$101,650
% CHANGE FROM PRIOR YEAR	-5.2%	116.0%	-1.5%	-21.9%	60.4%	-80.9%	619.5%		6.7%	3.4%	3.5%	3.5%
OPERATION & MAINTENANCE EXPENSES	\$270,264	\$272,665	\$316,677	\$328,148	\$302,400	\$206,566	\$694,600	\$830,000	\$762,700	\$646,400	\$302,500	\$355,850
% CHANGE FROM PRIOR YEAR	-7.1%	0.9%	16.1%	3.6%	-7.8%	-37.1%	236.3%		9.8%	-15.2%	-53.2%	17.6%
TOTAL LIFT STATION EXPENSES	\$307,949	\$354,083	\$396,853	\$390,759	\$402,800	\$218,519	\$780,600	\$930,000	\$854,450	\$741,300	\$400,700	\$457,500
% CHANGE FROM PRIOR YEAR	-6.9%	15.0%	12.1%	-1.5%	3.1%	-44.1%	257.2%		9.5%	-13.2%	-45.9%	14.2%

Salaries and Wages

The budget reflects salary adjustments based on the proportion of recent time spent on lift stations for maintenance staff. A portion of the Staff Engineer's salary was removed from the Wastewater Treatment Center salary budget and moved to the Lift Station budget. This is seen in the higher increase shown for FY21-22 when the Centex Lift Station replacement project will be completed as well as a study for the Butterfield Lift Station. This increase in in-house engineering for the Lift Stations is shown to continue in subsequent years as additional projects and studies are planned.

Operation & Maintenance Planned expenses for the lift stations is shown in Exhibit 2 under 15B500 and 15B800. Major expenses include internal testing of the Wroble forcemain and transfer of funds to the Improvement Fund for replacement of the Centex Lift Station and the Venard forcemain.

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget (as amended)	FY 20-21 Projected Actual	FY 21-22 Budget	FY 21-22 Appropriation	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT INSURANCE AND EMPLOYEE BENEFITS												
TOTAL INSURANCE/EMPLOYEE BENEFITS % CHANGE FROM PRIOR YEAR	\$1,123,481 1.1%	\$1,160,077 3.3%	\$1,216,608 4.9%	\$1,157,725 -4.8%	\$1,272,000 9.9%	\$1,213,467 4.8%	\$1,303,000 7.4%	\$1,500,000	\$1,378,000 5.8%	\$1,416,000 2.8%	\$1,455,000 2.8%	\$1,495,000 2.7%

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

- 1. Generally expecting annual net increases in liability and property premiums of 5%. Specifically for Fiscal Year 21-22, staff has been advised by its property and casualty broker that property premiums are anticipated to be higher at renewal due to industry trends and staff has adjusted the anticipated premium for that line of coverage accordingly.
- 2. The District received a premium refund from its Workers Compensation carrier due to reduced claims activity and adjusted payrolls. With an expectation that at renewal, the rates may swing back the other way, staff has elected to carry the credit forward into the new fiscal year out of prudence. As the District continues to make gains with its safety initiatives, the workers compensation premiums will level off and/or recede.
- 3. Increases of 6% for employee group medical and dental each year. This year's budget request also includes additional anticipated expenses related to providing this benefit for additional positions anticipated to be hired during the course of the fiscal year.
- 4. IMRF contributions are expected to decrease moderately each year over the next five years. This is due to significant investment returns in 2019 (19.57%) being reflected now in the District's funded status and employer contribution rate. There are several longer-term employee retirements anticipated in the next four years which will impact projected employer contribution rates in the years following.
- 5. No change is expected in the District's social security contribution rate. The overall social security expense accounts for potential increases in wages associated with the hiring of additional District positions as discussed.

	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
GENERAL CORPORATE FUND					
11B115 (ADMIN-Eqpt/Eqpt Repair)					
<ol> <li>MS Office software licensing updates</li> </ol>	8,000	8000	8,000	8,000	8,000
Replace data servers	30,000		30,000		
3. Update website			10,000		
4. Replace entire network infrastructure		45,000	<b>A</b> 40 000	40.000	
Annual Totals	\$38,000	\$53,000	\$48,000	\$8,000	\$8,000
11B118 (ADMIN-Building & Grounds)					
Architect Code Review & HVAC review	51,000				
Upgrade front entrance	20,000	60,000			
Re-roof admin building	20,000	00,000		15,000	
Replace carpeting		25,000		10,000	
5. HVAC Modifications	55,000	_0,000			
Annual Totals	\$126,000	\$85,000	\$0	\$15,000	\$0
				,	
11B137 (ADMIN-Dues/Subscriptions)					
1. National association of clean water agencies	1,200	1,200	1,250	1,250	1,250
2. Illinois association of wastewater agencies	4,600	4,650	4,650	4,700	4,700
Annual Totals	\$5,800	\$5,850	\$5,900	\$5,950	\$5,950
11C226 (ADMINI Vehicle Durchages)					
11C226 (ADMIN-Vehicle Purchases) 1. Administration vehicles	23,000	21,500	22,000		
Sale of old vehicles	(5,500)	(4,000)	(4,000)		
Annual Totals	\$17,500)	\$17,500)	\$18,000	\$0	\$0
Allida Iolais	Ψ17,500	ψ17,500	ψ10,000	ΨΟ	ΨΟ
12B124 (WWTC-Contract Services)					
1.DRSCW membership/stream restoration	216,100	222,600	24,950	25,700	26,500
Annual Totals	\$216,100	\$222,600	\$24,950	\$25,700	\$26,500
12B130 (WWTC-NPDES Permit Fees)					
1. Annual permit fees	53,000	53,000	53,000	53,000	53,000
Annual Totals	\$53,000	\$53,000	\$53,000	\$53,000	\$53,000
12C226 (WWTC-Vehicle Purchases)					
Operations supervisor pickup	22,000			28,000	
Maintenance supervisor pickup	24,000			28,000	
3. Electric cart	15,500	16,000		20,000	17,500
4. OPS/Maintenance/Electrical trucks	-,	-,	35,000	30,000	,
5. Lift station pickup		40,000	,	, -	
6. Sale of old vehicles	(7,000)	(15,000)	(9,000)	(15,000)	(4,000)
Annual Totals	\$54,500	\$41,000	\$26,000	\$71,000	\$13,500

	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
12B500 (WWTC-Eqpt/Eqpt Repair)					
Raw sewage pumping					
a. Raw sewage pump VFD replacement	6,250				
b. Compactor overhaul	7,500	7,750			8,500
Grit removal system					
a. Conveyor overhaul	20,000				
b. Grit classifier overhaul	,				15,000
c. Grit pump overhaul	6,500	6,750			7,250
3. Primary treatment	,	·			•
a. Scum trough replacement	10,500	10,750	11,000		
b. Sludge collector replacement	11,500	17,250	11,000	14,000	
c. Aluminum gratings	3,000	,	,	•	
4. Secondary treatment	,				
a. Protective coatings - secondary clarifiers	47,500	49,000	50,500	52,000	
b. Secondary clarifier main gear reducer	,	-,	,	,	25,000
c. Hoffman/PD blower overhaul	10,000			24,500	25,000
d. Aeration tank influent gate actuator	,			8,500	
e. DO probe replacement			15,000	-,	
f. Railing, decking and concrete repairs	57,500	13,000	-,	40,000	
g. RAS pump overhaul	, , , , , , ,	6,500	15,500	16,000	
h. RAS system VFDs		15,000	-,	-,	
5. Intermediate clarifiers		-,			
a. Protective coatings		45,000	46,500	48,000	
b. Railings		15,000	15,500	16,000	
c. Intermediate sludge pump overhaul	7,500	7,750	-,	.,	
6. Sand filters	,	,			
a. Waste washwater pump overhaul	5,000	5,250			
7. Disinfection equipment	-,	-,			
a. Fiberglass tank inspections/repairs				35,000	
b. ORP probe replacement	10,000			•	
c. OSEC brine pump replacement	,		9,500		
d. OSEC generator replacement			·		125,000
e. Bisulfite pump replacements			8,500		9,000
f. Hypochlorite feed pump replacements	12,000		,		,
g. Hypochlorite feed pump VFD replacements	2,250	2,350			
h. Hypo brine transfer pump replacement	,	12,500			
8. Excess flow tanks		,			
a. Overhaul sludge grinder			12,000		
b. Clarifier scum trough replacement	20,000		,		
c. Overhaul sludge pumps	7,500	7,750			
d. Protective Coatings - Bridge	,	,			60,000
Sludge concentrators					,
a. Main gear reducers	50,000				
Ŭ					

	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
10. Sludge digestion					
a. Re-coat/repair covers	44,000	13,000			
b. Digester 3 gas wasting control upgrade		20,000			
c. Digester 5 gas flare burner replacement		30,000			
d. Replace digester 2 mixing equipment				175,000	
e. Digester mixing compressor overhaul	7,000	400.000	7,250	400.000	14,750
f. Digester cleaning		100,000	100,000	100,000	200,000
11. Sludge dewatering system				10.750	44.050
a. Belt press feed pump replacement				10,750	11,250
<ol> <li>Biosolids aging and disposal</li> <li>Wheel loader replacement</li> </ol>		65,000			75,000
b. Auger rebuilds	12,500	12,500	12,500	12,500	12,500
c. Dump truck - 12 yd, replacement	12,500	12,500	100,000	12,500	12,500
d. Trommel screen replacement	180,000		100,000		
e. Curtiss lagoon drain system repairs	30,000				
13. Maintenance/utilities	00,000				
a. Maintenance Services Building equipment	10,000	3,000			
b. Main switchgear maintenance	-,	300		700	
c. CHP Engine/Generator overhaul	60,000	21,500	208,000	11,500	227,000
d. Emergency generator control panel replace				100,000	
e. SCADA PLC Upgrades	55,000	80,000	70,000	80,000	75,000
f. Software Upgrades (MP2, Hach WIMS, Bio	2,500	2,500	13,500	19,500	2,500
g. Yard piping repairs	40,000	41,200	42,450	43,700	45,000
Annual Totals	\$735,500	\$610,600	\$748,700	\$807,650	\$937,750
12B800 (WWTC-Building & Grounds)					
Roof repairs	25,000	28,500	18,000		35,000
Road / sidewalk repair	40,000	25,000	25,000	50,000	17,500
Window / door replacement	29,900	37,950	29,000	32,500	17,000
4. HVAC repairs	10,100	7,750	3,250	02,000	
5. Outside stairs, railings, gratings, and fencing	9,500	1,700	0,200		
6. Tuckpointing	40,000	40,000	40,000	40,000	40,000
7. Interior painting	10,000	30,000	60,000	35,000	25,000
8. Code review		81,000	,	,	-,
Annual Totals	\$154,500	\$250,200	\$175,250	\$157,500	\$117,500
13R115 /LAR-Egnt/Egnt Pongir)					
13B115 (LAB-Eqpt/Eqpt Repair)  1. Casework/mold abatement	15,000				
Casework mold abatement     Autosampler replacement	13,000		6,000	10,000	
Autoclave			0,000	15,000	
4. Incubators		15,000	5,000	10,000	
5. pH/Mult-function Meter		.0,000	3,555		5,000
DO meter, BOD setup desktop model			6,000		2,230
7. TSS Drying Oven			-,		4,000
8. Amtax/Phosphax/Filtrax Service Partnership	27,000			27,000	, -
Annual Totals	\$42,000	\$15,000	\$17,000	\$52,000	\$9,000

	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
13C226 (LAB-Vehicle Purchase)  1. Lab car		21,500			
2. Lab van					27,500
3. Sale of old vehicle	<b>#</b> 0	(4,000)	Φ0	Φ0	(7,500)
Annual Totals	\$0	\$17,500	\$0	\$0	\$20,000
14B124 (SEWER SYSTEM-Contract Services)					
Contract Televising	100,000	100,000	100,000	100,000	100,000
Annual Totals	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
14B900 (SEWER SYSTEM-System Repairs)					
1. Structural/O&M					
a. Main sewers	75,000	75,000	75,000	75,000	75,000
b. Manholes	25,000	25,000	25,000	25,000	25,000
c. Building sanitary services     Sewer replacements and rehabilitation	550,000	550,000	550,000	550,000	550,000
a. Sewer replacement	295,000	1,100,000	1,100,000	1,100,000	1,100,000
3. I/I Program	707,000	100,000	100,000	100,000	100,000
Outfall pipe rehabilitation and repair	1,000,000	150,000	150,000	150,000	150,000
5. IEPA ARRA loan repayment	181,600	181,600	181,600	181,600	181,600
Annual Totals	\$2,833,600	\$2,181,600	\$2,181,600	\$2,181,600	\$2,181,600
14C226 (SEWER SYSTEM-Vehicle Purchases)					
Inspection/technician vans/trucks			30,000		45,000
Supervisor pickup			,	28,000	-,
3. Combination vacuum/jet truck			375,000		
4. Sale of old vehicles	(12,500)		(80,000)	(10,000)	(12,500)
Annual Totals	(\$12,500)	\$0	\$325,000	\$18,000	\$32,500
15B500 (LIFT STATIONS-Eqpt/Eqpt Repair)					
Butterfield lift station					
a. Pump overhaul			3,600	3,700	
2. Centex lift station					
a. Transfer to Imprvmnt Fund (LS replcmnt)	275,000				
College lift station     a. Pump overhaul	15,000		16,000		
b. Air relief valves	10,000		10,000		
c. Check valve replacement	10,000				15,000
4. Earlston lift station					-,
a. Replace pump				25,000	
5. Hobson lift station					
a. Pump overhaul	9,750		10,500	10,750	45.000
b. Motor replacement					45,000
Northwest lift station     a. Pump overhaul	3,500				
a. r drip overridai	3,300				

	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
7. Venard lift station					
a. Transfer to Improvement Fund (FM replace	ement)	500,000	270,000		
8. Wroble lift station					
a. Pump overhaul		5,000	5,150		
b. Forcemain internal investigation	7 000		50,000		
c. VFD replacement	7,000				
9. General maintenance	0.500		47.500		05.000
a. Portable pump replacements	8,500	Φ=0= 000	17,500	<b>#00.450</b>	25,000
Annual Totals	\$328,750	\$505,000	\$372,750	\$39,450	\$85,000
15B800 (LIFT STATIONS-Building & Grounds)					
Northwest access road improvements	81,000				
Cathodic protection testing	- ,		1,700		
3. Painting	7,500	15,000	17,500	8,250	12,500
4. Earlston biofilter replacement	15,000	-,	,	,	,
5. Hobson elevator repair/rehabilitation	20,000				
6. Wroble fence upgrade	•				
Annual Totals	\$123,500	\$15,000	\$19,200	\$8,250	\$12,500
IMPROVEMENT FUND					
Future special assessments		200,000	200,000	200,000	200,000
IEPA loan repayment	93,200	93,200	93,200	93,200	93,200
Replace Centex LS	1,310,000	00,200	00,200	00,200	00,200
Replace Venard LS forcemain	1,010,000	60,000	710,000		
Transfer from General Corporate Fund	(275,000)	(500,000)	(270,000)		
Annual Totals	\$1,128,200	(\$146,800)	\$733,200	\$293,200	\$293,200
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CONSTRUCTION FUND					
1. IEPA loan repayment	28,900	28,900	28,900	28,900	28,900
2. Chemical feed system - phosphorus removal		121,000	605,000	484,000	
Annual Totals	\$28,900	\$149,900	\$633,900	\$512,900	\$28,900
GRAND TOTALS	\$5,973,350	\$4,175,950	\$5,482,450	\$4,349,200	\$3,924,900
	. , ,	. , ,	. , ,	. , , ==	. , ,

# GENERAL CORPORATE FUND REVENUES

# <u>Summary</u>

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

# Analysis by Revenue Type

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

#### User Receipts

This plan reflects an increase in the user rate from \$1.80 to \$1.95 per 1000 gallons of metered water consumption. User rate increases of \$0.35 are anticipated in FY 2022-23, FY 2024-25 and FY 2025-26 and an increase of \$0.25 is anticipated in FY 2023-24. User receipts during FY 2020-21 are projected at \$3,197,701. This estimate of billable flow compares with recent experience as indicated below:

•	·	Amount of
	Net Billable	Summer Usage
Fiscal Year	Flow (MGD)	<u>Adjustments</u>
1999-00	6.666	129,980
2000-01	6.606	86,980
2001-02	6.561	106,306
2002-03	6.661	135,641
2003-04	6.601	83,400
2004-05	6.333	96,616
2005-06	6.645	296,891
2006-07	6.236	125,215
2007-08	6.223	183,910
2008-09	5.893	112,621
2009-10	5.913	110,369
2010-11	5.753	112,363
2011-12	5.633	107,538
2012-13	5.768	251,934
2013-14	5.537	109,116
2014-15	5.242	60,919
2015-16	5.257	68,643
2016-17	5.243	82,814
2017-18	5.291	139,711
2018-19	5.121	94,995
2019-20	4.960	76,759
2020-21	5.019*	187,250
*projected for final f	2 months	

FY 2017-18 had a dry summer, compared to recent years, temporarily reversing the recent downward trend of billable flow. The downward trend in billable flow also reversed in FY 2020-21, likely due to customers being at home more during the COVID pandemic. The summer usage adjustments also appear to have been impacted in FY 2020-21 by the COVID pandemic, likely by customers who were at home more than in a normal year having more time to focus on their lawns. FY 2021-22 projections of user receipts are based on a billable flow of 4.919 MGD, which represents a billable flow 2.0% less than the FY 2020-21 levels. Water supply utilities' efforts at reducing water consumption are expected to continue to result in future reductions in billable flow. After FY 2021-22, this plan reflects a 3.0% per year reduction in billable flow consistent with target reductions established by water supply utilities, corroborated by historic trends.

#### <u>Surcharges</u>

The flow received from surcharge customers decreased approximately ten percent in the past year. The average BOD strength also decreased noticeably in the past year. This resulted in lower than anticipated surcharge income in FY 2020-21. This decrease is projected to continue into FY 2021-22. Surcharge rates for discharges in excess of normal domestic waste strengths (200 mg/l BOD and 250 mg/l SS) are proposed to remain at the current rates for FY 2021-22. Surcharge rate increases varying between 7.6% and 8.9% are planned for FY 2022-23 through FY 2025-26. These increases will bring the per pound cost of treating BOD and SS closer to the per pound costs that non-surcharge customers pay.

#### Monthly Service Fees

The plan reflects a monthly fee of \$17.00 per month through FY 2022-23 with an increase to \$18.00 per month in FY 2023-24. The number of customers is not expected to change over the 5 year period.

#### Plan Review Fees

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

# Construction Inspection Fees

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

# Permit Inspection Fees

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

#### <u>Interest</u>

Interest is estimated based on the average fund balance each year and an interest rate of roughly 0.5% for FY 2021-22 and 1.0% for the four years thereafter.

#### Sampling and Monitoring Charges

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

#### Real Estate Taxes

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

#### **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.

#### Replacement Taxes

Personal property replacement taxes received from the state, estimated at \$75,000 per year for FY 2020-21 and projected to continue at this level, will be used to fund sewer system repairs.

#### 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.

# <u>Miscellaneous</u>

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

The FY22-23 miscellaneous revenues also includes the estimated \$270,000 incentive from the ComEd Energy Efficiency program. The final amount of the incentive will be based upon the actual output during the first year of operation of the new CHP unit.

# **Grease Waste**

Hauled restaurant grease trap waste continues to be accepted for treatment at the WWTC. The amount of grease waste accepted in FY 2020-21 was reduced due to only one CHP unit being in operation and also due to limitations on the amount of gas which can be flared. The new CHP unit will be in operation by the start of FY 2021-22 and more grease waste will be accepted as a result. This is reflected in the projected revenue for FY 2021-22 and is expected to remain constant over the five-year period.

# Renewable Energy Credits

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

# GENERAL CORPORATE FUND FUND BALANCE

# **Summary**

The projected fund balance of the consolidated general corporate and replacement fund as of 4/30/22 is \$2,779,702. This fund balance remains stable in future years to meet staff's recommendation that the fund balance be maintained at 25% of total annual expenditures. Projected fund balance levels are presented on the last page of Exhibit 1.

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budgeted	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
USER CHARGES										
RATE PER 1000 GALS	\$1.65	\$1.65	\$1.65	\$1.70	\$1.80	\$1.95	\$2.30	\$2.55	\$2.90	\$3.25
AVERAGE ANNUAL USAGE	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000
ANNUAL USER CHARGES	\$158.40	\$158.40	\$158.40	\$163.20	\$172.80	\$187.20	\$220.80	\$244.80	\$278.40	\$312.00
PROPERTY TAXES										
YEAR TAXES PAID	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MEDIAN ASSESSED VALUE	\$88,150	\$88,150	\$93,940	\$95,680	\$101,120	\$105,165	\$111,264	\$117,718	\$124,545	\$131,769
DISTRICT TAX RATE	0.0434	0.0413	0.0404	0.0398	0.0406	0.0402	0.0398	0.0394	0.0390	0.0386
ANNUAL TAXES PAID	\$38.26	\$36.41	\$37.95	\$38.08	\$41.05	\$42.28	\$44.28	\$46.38	\$48.57	\$50.86
MONTHLY SERVICE FEE										
MONTHLY SERVICE FEE	\$13.50	\$15.00	\$16.00	\$17.00	\$17.00	\$17.00	\$17.00	\$18.00	\$18.00	\$18.00
ANNUAL SERVICE FEE	\$162.00	\$180.00	\$192.00	\$204.00	\$204.00	\$204.00	\$204.00	\$216.00	\$216.00	\$216.00
TOTAL ANNUAL COST	\$358.66	\$374.81	\$388.35	\$405.28	\$417.85	\$433.48	\$469.08	\$507.18	\$542.97	\$578.86
TOTAL MONTHLY COST	\$29.89	\$31.23	\$32.36	\$33.77	\$34.82	\$36.12	\$39.09	\$42.27	\$45.25	\$48.24
ANNUAL PERCENT CHANGE	5.5%	4.5%	3.6%	4.4%	3.1%	3.7%	8.2%	8.1%	7.1%	6.6%
TEN YEAR AVERAGE ANNUAL PERCENT CHANGE	3.6%	3.3%	2.9%	3.2%	3.4%	3.7%	4.4%	4.9%	5.2%	5.5%

# DOWNERS GROVE SANITARY DISTRICT FIVE YEAR FINANCIAL PLAN CONSTRUCTION FUND FISCAL YEARS 2021-22 TO 2025-26

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget	FY 20-21 Projected Actual	FY 21-22 Budget	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
REVENUES											
Sewer permit fees Interest Repayments - equipment replacement	\$532,902 \$3,007	\$296,607 \$324	\$189,349 \$1,559	\$237,232 \$9,114	\$250,000 \$16,450	\$252,000 \$1,400	\$250,000 \$1,400	\$250,000 \$1,500	\$250,000 \$1,400	\$250,000 \$1,100	\$250,000 \$1,100
Plant switchgear Digester 4 mixing replacement State of Illinois Grant	\$68,250 \$110,252 \$49,000	\$194,588 \$197,876									
ICECF Grant Total Revenues	\$763,411	\$689,395	\$190,908	\$500,000 \$746,346	\$266,450	\$253,400	\$251,400	\$251,500	\$251,400	\$251,100	\$251,100
EXPENSES											
IEPA loan repayment Digester gas utilization equipment Grit blower efficency upgrade	\$28,807 \$1,243,647 \$34,036	\$28,807 \$378,775	\$28,807	\$28,807	\$28,900	\$28,807	\$28,900	\$28,900	\$28,900	\$28,900	\$28,900
Grease receiving expansion Digester 1 mixing & gas piping upgrades Grease waste delivery ramp	\$8,786 \$301,022 \$9,573	\$594,682						<b>#</b> 404.000	<b>#</b> 005.000	<b>#</b> 40.4.000	
Chemical feed system - phosphorus remov Total Expenses	aı \$1,625,871	\$1,002,265	\$28,807	\$28,807	\$28,900	\$28,807	\$28,900	\$121,000 \$149,900	\$605,000 \$633,900	\$484,000 \$512,900	\$28,900
Excess (Deficiency) of Revenues over Expenses	(\$862,460)	(\$312,870)	\$162,100	\$717,539	\$237,550	\$224,593	\$222,500	\$101,600	(\$382,500)	(\$261,800)	\$222,200
Ending Fund Balance	\$466,140	\$153,270	\$315,371	\$1,032,909	\$1,270,459	\$1,257,502	\$1,480,002	\$1,581,602	\$1,199,102	\$937,302	\$1,159,502

#### CONSTRUCTION FUND

#### Summary

The construction fund is intended to provide funds for improvements and expansions to the WWTC. The primary source of revenue to the construction fund, sewer permit fees, is directly related to development activity within the District. As development proceeds, sewer permit fees are generated and accumulated to construct WWTC facilities. As of December 31, 2020, there are 35,578 population equivalents of hydraulic capacity remaining on the WWTC. It is not anticipated that the next incremental expansion in capacity, from 11.0 MGD to 12.0 MGD, will be needed during the next five years. Permit fees are projected to continue at historic levels over the 5 year plan. The plan for the construction fund envisions the continued accumulation of funds for future improvements, expansions or property acquisition adjacent to the WWTC if such property becomes available for purchase.

#### Revenues

- 1. Sewer permit fees These fees are projected to remain at \$250,000 per year going forward. Development activity is not expected to decline during the 5 year period.
- 2. Interest Interest is estimated based on the average fund balance each year and an interest rate of 0.1%.
- 3. Grant Funds for Plant Upgrades A \$500,000 grant, which covers a portion of the cost of the CHP biogas utilization project, was received in FY 2019-20.

# **Expenses**

- 1. IEPA loan repayment Repayments to IEPA associated with ARRA-funded treatment plant projects being repaid from this fund are expected to be \$28,900 per year until the loan principal is fully repaid in 2031.
- 2. Chemical feed system for the addition of phosphorus reducing chemicals is expected to be designed in FY 2022-23 and constructed in FY 2023-24 and FY 2024-25.

#### Fund Balance

The balance in the construction fund is projected to be \$1,159,502 by April 30, 2026, as depicted in Exhibit 4. This balance will be reserved for future improvements and expansions to the WWTC.

# DOWNERS GROVE SANITARY DISTRICT FIVE YEAR FINANCIAL PLAN IMPROVEMENT FUND FISCAL YEARS 2021-22 TO 2025-26

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget	FY 20-21 Projected Actual	FY 21-22 Budget	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
REVENUES											
Trunk and lateral sewer service charges Recapture	\$185,010 33,987	\$115,496	\$47,857	\$57,500	\$90,000	\$104,743	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000
Interest	9,929	14,183	21,542	24,628	16,900	6,954	3,000	1,500	1,450	300	300
Repayments Special assessment vouchers	200 000	247.000						200,000	200,000	200,000	200,000
Sewer replacements  Transfer from General Corporate Fund	300,000	317,200					275,000	500,000	270,000		
Total Revenues	\$528,925	\$446,879	\$69,399	\$82,128	\$106,900	\$111,697	\$368,000	\$791,500	\$561,450	\$290,300	\$290,300
EXPENSES											
Unsewered areas											
Planning Special assessments	\$4,055	\$3,163	\$6,174	\$11,370	\$7,500	\$1,000	\$500	\$7,500 200,000	\$500 200,000	\$500 200,000	\$7,500 200,000
Lift station improvements	10,099	894,366	150,658								
Liberty Park upgrades Centex upgrades Venard LW forcemain replacement	·	694,300	150,056		50,000	40,000	1,310,000	60,000	710,000		
IEPA Loan Repayment	93,191	93,191	93,191	93,191	93,200	93,191	93,200	93,200	93,200	93,200	93,200
Total Expenses	\$107,345	\$990,720	\$250,024	\$104,561	\$150,700	\$134,191	\$1,403,700	\$360,700	\$1,003,700	\$293,700	\$300,700
Excess (Deficiency) of Revenues											
over Expenses	\$421,579	(\$543,841)	(\$180,625)	(\$22,433)	(\$43,800)	(\$22,494)	(\$1,035,700)	\$430,800	(\$442,250)	(\$3,400)	(\$10,400)
Ending Fund Balance	\$1,886,095	\$1,342,254	\$1,161,629	\$1,139,196	\$1,095,396	\$1,116,702	\$81,002	\$511,802	\$69,552	\$66,152	\$55,752

#### IMPROVEMENT FUND

#### Summary

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

#### Revenues

- 1. Trunk and lateral sewer service charges These charges are projected at \$90,000 annually for the five year period.
- 2. Interest Interest is estimated based on the average fund balance each year and an interest rate 0.5%.
- Annual repayments from special assessments These amounts represent reimbursements from special assessment projects for costs advanced by the improvement fund.
- 4. Transfers from the General Corporate Fund Transfers from the General Corporate Fund are planned in FY 2021-22, FY 2022-23 and FY 2023-24. These transfers are shown under 15B500 in Exhibit 1 and are also included in Exhibit 2 and Exhibit 5.

# **Expenses**

- 1. Planning for unsewered areas The plan depicting the locations of proposed sanitary sewers in currently unsewered areas within the District facility planning area was prepared in FY 2006-07 and is updated annually. The reduction in unsewered area planning expenses shown in Exhibit 5 reflects shifting the unsewered area plan updates from the District's engineering consultant to the District's Staff Engineer. It is anticipated that the District will have the engineering consultant review the unsewered area plan every third year based on their experience with the construction market.
- Special assessments in unsewered areas The improvement fund advances funds to approved special assessment projects and is then reimbursed by the issuance of vouchers for each special assessment project. Exhibit 5 anticipates limited potential future Special Assessment project activity starting in FY 2022-23.

- 3. IEPA Loan Repayment Repayments to IEPA associated with ARRA-funded collection system projects being repaid from this fund are expected to be \$93,200 per year until the loan principal is fully repaid in 2031.
- 4. Centex Lift Station Replacement The budget includes anticipated costs associated with replacing the Centex Lift Station as it reaches the end of its useful service life. Construction is planned for FY 2021-22.
- 5. Venard Lift Station Forcemain Replacement The budget includes anticipated costs associated with replacing the Venard Lift Station forcemains. The older of the two forcemains had two breaks in 2020. One of the repairs was made adjacent to a previous repair made several years ago. Design is planned for FY 2022-23, and construction is planned for FY 2023-24.

#### Fund Balance

The balance in the improvement fund is projected to be \$55,752 on April 30, 2026. Future expenses for sewer extensions into unsewered areas will be determined based upon the maintenance of an adequate balance in this fund.

# DOWNERS GROVE SANITARY DISTRICT FIVE YEAR FINANCIAL PLAN PUBLIC BENEFIT FUND FISCAL YEARS 2021-22 TO 2025-26

**EXHIBIT 6** 

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget	FY 20-21 Projected Actual	FY 21-22 Budget	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected
REVENUES											
Interest Total Revenues	\$260 \$260	\$349 \$349	\$542 \$542	\$856 \$856	\$550 \$550	\$510 \$510	\$350 \$350	\$400 \$400	\$400 \$600	\$400 \$600	\$400 \$600
EXPENSES											
Sewer deepening Total Expenses	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Excess (Deficiency) of Revenues over Expenses	\$260	\$349	\$542	\$856	\$550	\$510	\$350	\$400	\$600	\$600	\$600
Ending Fund Balance	\$35,577	\$35,926	\$36,468	\$37,325	\$37,875	\$37,835	\$38,185	\$38,585	\$39,185	\$39,785	\$40,385

# PUBLIC BENEFIT FUND

#### Summary

The public benefit fund may only be used to pay for the portion of sewer extensions or sewer special assessments which the Board of Trustees deems to be of benefit to an area larger than the immediate service area. The projected balance in this fund as of April 30, 2021 is \$37,835.

#### Revenues

Interest is estimated at 1.0% on the average fund balance.

#### **Expenses**

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

#### Fund Balance

The remaining fund balance at the end of FY 2025-26, projected to be \$40,385, will be available to fund improvements with public benefit.

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

# PROJECTS NOT INCLUDED IN PLAN

There are several major projects which have not been included in this financial plan. As these projects may be incorporated into the plan in a future update, it is useful to list them for reference.

#### I. WWTC

#### A. Improvements/Enhancements

- 1. Capacity expansion from 11.0 MGD to 12.0 MGD and from 12.0 MGD to 15.0 MGD, as needed.
- 2. Additional sludge drying beds.
- 3. Increase paved area for sludge treatment and storage, included a covered storage area.
- 4. Composting facility.
- 5. Nitrogen removal processes.
- 6. Improved odor control facilities.
- 7. Secondary clarifier feed flow splitter.
- 8. Aeration tank feed flow splitter.
- 9. Potential improvements to chlorination/dechlorination system to meet upcoming lower total residual chlorine limit.

#### B. Replacements

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

#### II. SEWER SYSTEM

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

#### III. LIFT STATIONS

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

# IV. ADMINISTRATION

A. Relocate office to WWTC site.

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

The Appropriation Ordinance/Budget of the Downers Grove Sanitary District for the fiscal year May 1, 2021 to April 30, 2022 will be considered for adoption at a regular meeting of the Board of Trustees on March 16, 2021 at 7:00 p.m. at the District office. All Board of Trustees meetings are open to the public for in-person attendance with limited availability due to building capacity and virtually using the Zoom platform. A copy of the proposed Appropriation Ordinance/Budget will be available for public inspection at the District office beginning February 10, 2021. The District office is located at 2710 Curtiss Street, Downers Grove. Office hours are Monday through Thursday, 10:00 a.m. to 12:00 p.m., 1:00 p.m. to 3:00 p.m. Digital versions of the proposed Appropriation Ordinance and Budget will be available at the following links as well starting on February 10, 2021: Appropriation Ordinance - <a href="https://www.dgsd.org/wp-content/uploads/appord2022draft.pdf">https://www.dgsd.org/wp-content/uploads/5yrplan2022draft.pdf</a>; Budget - <a href="https://www.dgsd.org/wp-content/uploads/5yrplan2022draft.pdf">https://www.dgsd.org/wp-content/uploads/5yrplan2022draft.pdf</a>

Please contact the District at (630) 969-0664 or <a href="https://www.dgsd.org/contact-us/">https://www.dgsd.org/contact-us/</a> with any questions.

# DOWNERS GROVE SANITARY DISTRICT BUDGET CALENDAR FOR PREPARATION OF FISCAL YEAR 2021-22 BUDGET

	<u>TASK</u>	COMPLETION DATE	<u>PERSON</u> <u>RESPONSIBLE</u>
1)	Prepare and distribute budget calendar.	Complete	WCC
2)	Submit completed preliminary budget requests.	Complete	SUPERVISORS
3)	Completion of DGSD survey re wages and benefits.	Complete	ARU
4)	Submit completed wage recommendations.	Complete	SUPERVISORS
5)	Prepare proposed salary schedule for submittal to Board (for increases effective March 28, 2021 and April 1, 2021).	Complete	ARU
6)	Review salary schedule.	Complete	BOARD
7)	Review and adjust updated budget requests.	Complete	SUPERVISORS/ARU
8)	Complete proposed five year financial plan and appropriation ordinance for submittal to Board.	02/05/21	ARU
9)	Initial review of budget documents and authorize publication of availability of appropriation ordinance for public review.	02/09/21	BOARD & STAFF
10)	Publish notice that appropriation ordinance is available for public review.	02/10/21	WCC
11)	Prepare ordinance revisions concerning fees and charges and submit to Board.	03/12/21	ARU
12)	Second review of budget documents at regular meeting.	03/16/21	BOARD & STAFF
13)	Approve five year financial plan and adopt appropriation ordinance and ordinance revisions concerning fees and charges.	03/16/21	BOARD
14)	Publish appropriation ordinance and user rate ordinance (if applicable).	03/17/21	WCC
15)	File appropriation ordinance and budget with County Clerk and County Chairman's Office.	04/16/21	WCC
16)	Prepare levy ordinance and submit to Board.	06/11/21	ARU
17)	Adopt levy ordinance.	06/15/21	BOARD
18)	File levy ordinance with County Clerk and County Chairman's Office.	06/25/21	WCC

# APPROPRIATION ORDINANCE

AN ORDINANCE MAKING APPROPRIATIONS FOR THE CORPORATE PURPOSES OF THE DOWNERS GROVE SANITARY DISTRICT FOR THE FISCAL YEAR COMMENCING ON THE FIRST DAY OF MAY, A.D. 2021 AND ENDING APRIL THIRTIETH, A.D. 2022.

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

SECTION 1. That the sums hereinafter set forth, or as much thereof as may be authorized by law, be and the same are hereby appropriated for the corporate purposes of the Downers Grove Sanitary District as hereinafter specified, for the fiscal year commencing on the First Day of May, A.D. 2021 and ending on the Thirtieth Day of April, A.D. 2022.

I.	ADMINISTRATION A. Salary and Wages B. Office Oper & Maint Expenses C. Vehicles Oper, Maint & Purchase	\$ 1,130,000 750,000 30,000 \$1,910,000
II.	PLANT A. Salary and Wages B. Operation & Maintenance Expenses C. Vehicles Oper, Maint & Purchase	\$ 1,660,000 2,490,000 100,000 \$4,250,000
III.	<ul><li>LABORATORY SERVICES</li><li>A. Salary and Wages</li><li>B. Operation &amp; Maintenance Expenses</li><li>C. Vehicles Oper, Maint &amp; Purchase</li></ul>	\$ 300,000 180,000 10,000 \$ 490,000
IV.	SYSTEM A. Salary and Wages B. Operation & Maintenance Expenses C. Vehicles Oper, Maint & Purchase	\$ 550,000 3,690,000 30,000 \$4,270,000
V.	LIFT STATIONS A. Salary and Wages B. Operation & Maintenance Expenses	\$ 100,000 <u>830,000</u> \$ 930,000
VI.	INSURANCE AND EMPLOYEE BENEFITS	\$1,500,000
TOTA	AL OPERATION AND MAINTENANCE	\$13,350,000

#### CAPITAL IMPROVEMENTS

#### VII. TREATMENT CENTER/LABORATORY

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

#### VIII. COLLECTION SYSTEM/LIFT STATIONS

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

<u>\$ 1,550,000</u>

\$ 1,550,000

TOTAL CAPITAL IMPROVEMENTS \$ 1,600,000

GRAND TOTAL \$14,950,000

SECTION 2. That the sums hereinafter set forth are estimated receipts and expenditures for the Downers Grove Sanitary District for the fiscal year commencing on the First Day of May, A.D. 2021 and ending on the Thirtieth Day of April, A.D. 2022.

# CASH FLOW FISCAL YEAR 2021-2022

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

#### RECAPITULATION

- 1. Total Amount Appropriated......\$14,950,000
- Amount of Said Appropriation to be paid from sources other than real estate taxes (tap-in permits, user fees, trunk sewer service fees, Federal and State grants and loans, etc.).....\$13,658,200
- 3. Amount of Said Appropriation to be paid from real estate taxes......\$ 1,291,800

SECTION 3. That the total sum of Fourteen Million Nine Hundred Fifty Thousand Dollars (\$14,950,000) is hereby appropriated. It is furthermore provided that all unexpended balances of any item or items of any general appropriation made by this ordinance may be expended in making up any insufficiency in any item or items for the same general purpose or in a like appropriation made by this ordinance.

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

	Passed this 16 <sup>th</sup> day of March, A.D. 2021
	Recording Vote:
	Ayes:
	Nays:
	Approved this 16th day of March, A.D. 2021
	BY:
	President, Board of Trustees of Downers Grove Sanitary District, DuPage County, Illinois
ATTEST:	
Clerk	
Recorded this 1	6 <sup>th</sup> day of March, A.D. 2021

#### ATTACHMENT A

#### CASH FLOW FISCAL YEAR 2021-2022

	General <u>Corporate</u>	<u>Improvement</u>	Construction	Public Benefit
Projected Cash Balance on 5/1/21	\$ 4,422,852	\$1,116,702	\$ 1,257,502	\$ 37,835
Receipts:				
Const and Televising Insp Fees	650			
User Fees	7,602,300			
Interest	18,000	3,000	1,400	350
Plan Review Fees	500			
Surcharges	307,500			
Permit Insp Fees	20,000			
Sampling Charges	75,000			
Tap-in Fees			250,000	
Trunk and Lateral Sewer Charges		90,000		
Replacement Taxes	75,000			
Real Estate Taxes	1,291,800			
Grease Waste	220,000			
Miscellaneous	48,000	275,000		
Total Receipts	9,658,750	368,000	251,400	350
Subtotal	\$ 14,081,602	\$ 1,484,702	\$ 1,508,902	\$ 38,185
Disbursements:				
O & M Budget	13,350,000			
Capital Improvements Budget		1,550,000	50,000	0
Total Disbursements	_13,350,000	1,550,000	50,000	0
Projected Cash Balance on 4/30/21	<u>\$ 731,602</u>	\$ 65,298	<u>\$ 1,458,902</u>	\$ 38,185

## STATEMENT OF ESTIMATED REVENUES

I, William Clay Campbell, Treasurer of the Downers Grove Sanitary District, do hereby state that the above document entitled "Cash Flow, Fiscal Year 2021-2022" indicates an estimate of revenues by source anticipated to be received in Fiscal Year 2021-2022.

DOWNERS GROVE SANITARY DISTRICT

BY:	
	Treasurer

#### DOWNERS GROVE SANITARY DISTRICT <u>M E M O</u>

TO: Amy R. Underwood General Manager

FROM: W. Clay Campbell

Administrative Supervisor

DATE: February 1, 2021

**RE**: Executive Session Minutes

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

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

The executive session minutes were last reviewed on August 18, 2020. The executive session minutes of July 21, 2020 and August 18, 2020 have not yet been reviewed. Copies of the minutes for these dates are attached.

I am recommending the following:

A. The minutes of July 21, 2020 and August 18, 2020 should be made available for public inspection as there is no longer a need for confidentiality.

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

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

The written record for the executive session meetings held on March 19, 2019, April 15, 2019 and June 18, 2019 were previously approved by the Board and made available for public inspection during its August 20, 2019 review (copies of written record attached).

Therefore, I am recommending that:

B. The verbatim record of the executive sessions held on March 19, 2019, April 15, 2019 and June 18, 2019 be destroyed.

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

Attachments

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

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

#### **EXECUTIVE SESSION MINUTES**

A motion by Trustee Sejnost seconded by Trustee Coultrap was made to recess the regular meeting and convene an executive session at 7:59 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the compensation and performance of specific employees of the District. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Present were President Van Buren and Trustees Sejnost and Coultrap.

The Board reviewed the compensation and performance of General Manager Menninga.

A motion by Trustee Coultrap seconded by Trustee Sejnost was made to adjourn the executive session at 8:12 p.m. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Approved: April 15, 2019

President No log 18

Clerk

#### **EXECUTIVE SESSION MINUTES**

A motion by Trustee Sejnost seconded by Trustee Coultrap was made to recess the regular meeting and convene an executive session at 7:32 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the compensation and performance of specific employees of the District. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

Present were President Van Buren and Trustees Sejnost and Coultrap, General Manager Menninga, and Beth Vogt.

General Manager Menninga introduced Ms. Vogt as a potential candidate to fill the position of Assistant General Manager, in line of succession to become General Manager upon the pending retirement of General Manager Menninga.

General Manager Menninga left the session while the Board conducted an interview with Ms. Vogt to assess her qualifications for the position.

Following the interview, Ms. Vogt left the session, and General Manager Menninga returned to discuss posting requirements, compensation, benefits and timing associated with hiring Ms. Vogt. The Board agreed to take up consideration of Ms. Vogt's employment at the next regular meeting following legally required posting.

A motion by Trustee Coultrap seconded by Trustee Sejnost was made to adjourn the executive session at 8:50 p.m. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Approved: May 21, 2019

Miller Ochter

Clark

#### **EXECUTIVE SESSION MINUTES**

A motion by Trustee Sejnost seconded by Trustee Coultrap was made to recess the regular meeting and convene an executive session at 7:47 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the compensation and performance of specific employees of the District. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Present were President Van Buren and Trustees Sejnost and Coultrap, General Manager Menninga, and Amy Underwood.

General Manager Menninga introduced Ms. Underwood as a potential candidate to fill the position of Assistant General Manager, in line of succession to become General Manager upon the pending retirement of General Manager Menninga.

General Manager Menninga left the session while the Board conducted an interview with Ms. Underwood to assess her qualifications for the position.

Following the interview, Ms. Underwood left the session.

A motion by Trustee Coultrap seconded by Trustee Sejnost was made to adjourn the executive session at 8:16 p.m. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Approved: July 16, 2019

Millia O Van Bull.
President

Attest:

Clerk

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

#### DOWNERS GROVE SANITARY DISTRICT

#### MEMO

TO: Amy R. Underwood General Manager

FROM: W. Clay Campbell

Administrative Supervisor

DATE: February 5, 2021

RE: Progress Report – January, 2021

#### **ADMINISTRATIVE**

#### Personnel

Our applicant for the Sewer System Permit Technician position has completed all of the post-offer conditions related to the employment offer and is anticipated to start with the District on March 1.

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

There have been no new backups resulting from a mainline blockage since the last update, and as a result, I have not included a new summary.

#### **DuPage County Ethics Training**

All employees and public officials for the District completed this training.

#### OSHA Log

As required by the Illinois Department of Labor, the OSHA Form 300A for 2020 has been completed and will be posted from February 1 to April 30. I trained Safety Coordinator Jessie Gwozdz on how to complete this form for future years.

#### Safety Committee and Related Safety Matters

A Safety Committee meeting was held on January 19 by Safety Coordinator Jessie Gwozdz via Zoom. The Committee discussed: the addition of a new member, a review of the policy surrounding visitors to the WWTC during the COVID-19 Pandemic, general decluttering, purchasing hearing protection devices that integrate with the 3M hard hats employees use, and discussing guidelines for when hiring a crane is necessary for District projects. As well, Safety Coordinator Gwozdz and I finalized the purchase of a Safety Data Sheet Management Suite that will enable staff to fully comply with the OSHA Hazard Communication standard and provide employees with easier access to hazard information when they are performing various tasks.

#### BlueCross BlueShield of Illinois (BCBSIL) Premium Rebate

In compliance with the federal Affordable Care Act, BCBSIL issued a medical loss ratio rebate to the District in the amount of \$6,234.65 that was reflected on the invoice paid in November. The employee portion of this rebate (approximately 15%) will be credited to employees while the District retains the difference. Employees will receive an offset in their payroll deduction from the District. Medical loss ratio rebates are required by law when the carrier takes in an amount of premiums for coverage (which certainly provides for some measure of profit), but does not provide a sufficient amount of medical treatment expenses to its insureds [basically – the carrier made too much profit during most of 2020 due to insureds quarantining during COVID-19 and is required under the Affordable Care Act to rebate the appropriate portion to get down to the prescribed ratio].

#### **IAWA** Legislative Subcommittee

We have continued to make noteworthy progress in drafting "wipes-labeling" legislation in Illinois. Recently, Brian Johnson of Greater Peoria Sanitary District (my fellow co-chair), Mike Grady of Strategic Advisory Group (the IAWA Lobbyist group) and I interviewed Frank Dick of the City of Vancouver, Washington as he was heavily involved in the drafting of the recent Washington bill signed into law as well the currently proposed Oregon bill focusing on the issue.

#### **Technology Update**

On February 4, Maintenance Supervisor Jeff Barta and I participated on an implementation call with Comcast Business Services as we are looking to proceed with the deployment of a fiber circuit at the District's WWTC site. The installation of this circuit will allow more robust and consistent upload and download speeds for the District and will provision both voice and data traffic. This has increasingly become a priority for the District with a noteworthy portion of employees working remotely and the District's data footprint and reliance on cloud services increasing.

The customer billing portal project with CityInsight is proceeding on schedule – User Billing Coordinator Adrienne Kasper and I were on a conference call with our programmers continuing to lay the groundwork for developing the portal further. We have started testing out a staging site that showcases the Administration portal (the side of the interface that District staff will use). I will continue to apprise the Board on this project's progress as updates occur.

I am still continuing to work with Concentric Integration to finish migrating various "services" off of the District's old Admin IT server and onto the new replacement server so as to not interrupt the resources for staff.

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:	150
# of Customers paying their bills online in the last month:	1,653
Amount of Money processed through the Portal in the last month:	\$108,784.65
# of Customers signing up for Autopay through the Portal in the last month:	74
# of Customers enrolled in paperless billing in the last month:	80
# of customers registered for pay by text in the last month:	39
Cost to District for providing Invoice Cloud service in the last month:	\$360.00
Cost to District's customers (convenience fees) in the last month:	\$2,905.83
Estimated Monthly savings from customers enrolled in paperless billing:	\$76.53
# of Customers registered from launch through last month:	5,565
# of Customers signing up for Autopay through the Portal from launch through last month:	1,708
# of Customers enrolled in paperless billing from launch through last month:	2,549
# of customers registered for pay by text from launch through last month:	1,664

#### **FINANCIAL**

#### Annual Budget and Five-Year Plan

I completed budget preparation for FY21-22 and 4-year projections for the Administration department and several other District-wide expenses.

#### <u>District Property and Liability Insurance</u>

We are in the process of receiving renewal quotes from Corkill Insurance Company for the District's insurance packages. At this time, I do not yet have early figures provided by the District's carriers for renewal as our broker, Corkill Insurance, is aggressively shopping some of the lines of coverage. All of the District's insurance policies have an effective renewal date of April 14, 2021 (with the exception of the Tank Storage Pollution policy effective date of April 7, 2021). Mitch Backes, of Corkill Insurance Company, is anticipated to virtually attend the regular March 16 Board meeting in order to provide the Board with the final premiums proposal.

#### **Economic Interest Statements**

The list of employees and officers required to file Economic Interest Statements in 2021 was verified electronically with the County Clerk as required by statute. The Statements will be sent directly to each individual's email address in early March. I no longer need to be notified that each statement has been completed as I can now electronically monitor the status of our filers.

#### 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.

#### User Billing

Detailed billing information is attached to this report.

#### CODE ENFORCEMENT & UNSEWERED AREAS

<u>Building Sanitary Service Repair Assistance Program; Infiltration and Inflow Removal Program; and Overhead Sewers and Backflow Prevention Devices Reimbursement Program</u>

I have continued to perform the legal review of both Program Agreements and Access Agreements for all of the above programs as prepared by our office prior to execution by the parties.

#### **Sewer Permitting Process**

I have continued to perform the legal review of Access Agreements and Annexation Petitions prepared by our office as needed by sewer permit applicants.

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

#### **USER BILLING SUMMARY**

## **User Charge System**

Billings for January 2021 were as follows:

User Surcharge Monthly fees	\$218,996.10 14,754.78 334,830.60
Total	\$568,581.48
Summer Usage Adjustment	\$0.00
Billable Flow	121,664,500
Budgeted Billable Flow	125,251,505
% Actual/Budgeted Billable Flow	97.14%
YTD Billable Flow	1,525,569,426
YTD Budgeted Billable Flow	1,603,012,580
% Actual/Budgeted Billable Flow	95.17%

The user accounts receivable balance on 1/31/2021 is \$648,605.74 and consists of:

Current charges due 2/15/21	\$443,065.40
Past due charges and penalty	205,540.34
Total	\$648,605.74

The past due charges represent:

Age	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$51,934.89	\$6,554.53 *	\$58,489.42
60 days past due	21,492.15	3,825.28 *	25,317.43
90 days & greater past due	105,977.30	15,756.19 *	121,733.49
Totals	\$179,404.34	\$26,136.00	\$205,540.34

<sup>\*</sup> Penalty was resumed on User Accounts in the month of August 2020 and are ongoing

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

#### Five Year Comparison

#### **January**

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2021	\$105,977.30	\$15,756.19	\$121,733.49 *****
2020	40,668.53	5,110.21	45,778.74 *****
2019	40,850.54	4,813.96	45,664.50 ****
2018	43,493.66	5,378.84	48,872.50 ***
2017	43,159.75	5,409.73	48,569.48 **

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

## Twelve Months Ending January 2021

Month Ending	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
1/31/21	\$105,977.30	\$15,756.19	\$121,733.49
12/31/20	104,927.73	15,924.29	120,852.02
11/30/20	105,659.64	15,270.20	120,929.84
10/31/20	83,672.22	10,944.08	94,616.30
9/30/20	83,036.33	10,243.54	93,279.87
8/31/20	91,467.51	10,158.49	101,626.00
7/31/20	85,214.22	1,419.54	86,633.76
6/30/20	64,632.71	4,939.58	69,572.29
5/31/20	57,672.52	7,368.53	65,041.05
4/30/20	46,759.51	6,189.05	52,948.56
3/31/20	45,678.23	6,089.99	51,768.22
2/29/20	43,332.92	5,779.38	49,112.30

One account from 2012 and another from 2014 are the only two remaining sewer disconnections.

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

<sup>\*\*\*</sup>Includes \$17,128.69 in sewer disconnection costs on 6 accounts plus late fees

<sup>\*\*</sup>Includes \$9,256.59 in sewer disconnection costs on 3 accounts plus late fees

To: Amy Underwood, General Manager

From: Marc Majewski, Operations Supervisor

Re: Month of January, 2021 WWTC Operations Report.

Date: February 2, 2021

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

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 10.40 MGD. Total precipitation at the WWTC was 1.04". There were no excess flow event during the month of January. There were 8 days of discharge over 11 MGD.
- Activated sludge: Operating performance was good throughout the month of January. RAS chlorination took place several days throughout the month to help control filaments.
- Anaerobic Digesters: Pumped a total of 933,609 gallons of primary sludge, 62,390 gallons of WAS, 145,721 gallons of TWAS, and 222,658 gallons of waste grease for a total of 1,364,378 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 62.3% for January.
- Digester gas: Total digester gas production was 3,931,142 cubic feet. 417,828 cubic feet of gas was used for anaerobic digestion heat, and 2,686,713 cubic feet was used in the CHP facilities. 324,167 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 501,433 cubic feet of gas.
- Bio-solids: Bio-solid drying and distribution season has come to a close, though the compost pilot project continues.
- Miscellaneous Items: The TWAS system has been in operation full time since January 4<sup>th</sup>, 2021. We are sending an average of 2.7% Total solids to the thickener unit with a discharge average of 6.6% total solids being pumped to the digester.
- Electricity: Overall net energy from ComEd was: 169,968 KW-Hrs. Electricity Generated by the CHP system was 206,961 KW-Hrs. Monthly net energy (including natural gas usage) was 222 MW-Hrs for the month of January.

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

# Downers Grove Sanitary District January 2021

	WWTC Rainfall	B01 Parshall Flume Flow Max Mgd	B01 Parshall Flume Flow Min Mgd	B01 Parshall Flume Flow Avg Mgd	A01 Parshall Flume Flow Max Mgd	A01 Parshall Flume Flow Avg Mgd	C01 Int Clar #1 Flow Max Mgd	C01 Int Clar #1 Flow Avg Mgd	Outfall 003 Flow Max Mgd	Outfall 003 Flow Avg Mgd	Total Flow Max Mgd	Total Flow Avg Mgd	002 Outfall Flow Avg Mgd
Date	inches	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD
1/1/2021	0.21	16.07	7.09	11.15	0.00	0.00	0.00	0.00	0.00	0.00	16.07	11.15	0.00
1/2/2021	0.14	15.95	9.78	12.81	0.00	0.00	0.00	0.00	0.00	0.00	15.95	12.81	0.00
1/3/2021	0.02	15.78	9.16	12.30	0.00	0.00	0.00	0.00	0.00	0.00	15.78	12.30	0.00
1/4/2021	0.00	16.34	8.28	11.29	0.00	0.00	0.00	0.00	0.00	0.00	16.34	11.29	0.00
1/5/2021	0.11	14.97	7.60	10.67	0.00	0.00	0.00	0.00	0.00	0.00	14.97	10.67	0.00
1/6/2021	0.16	15.01	6.50	10.45	0.00	0.00	0.00	0.00	0.00	0.00	15.01	10.45	0.00
1/7/2021	0.00	15.02	7.27	10.73	0.00	0.00	0.00	0.00	0.00	0.00	15.02	10.73	0.00
1/8/2021	0.00	14.49	7.28	10.42	0.00	0.00	0.00	0.00	0.00	0.00	14.49	10.42	0.00
1/9/2021	0.00	14.84	7.21	10.19	0.00	0.00	0.00	0.00	0.00	0.00	14.84	10.19	0.00
1/10/2021	0.00	14.00	6.86	10.16	0.00	0.00	0.00	0.00	0.00	0.00	14.00	10.16	0.00
1/11/2021	0.00	14.27	6.61	9.91	0.00	0.00	0.00	0.00	0.00	0.00	14.27	9.91	0.00
1/12/2021	0.00	14.78	6.59	9.68	0.00	0.00	0.00	0.00	0.00	0.00	14.78	9.68	0.00
1/13/2021	0.00	12.13	6.27	9.51	0.00	0.00	0.00	0.00	0.00	0.00	12.13	9.51	0.00
1/14/2021	0.17	16.27	6.22	10.53	0.00	0.00	0.00	0.00	0.00	0.00	16.27	10.53	0.00
1/15/2021	0.04	19.46	10.80	13.89	0.00	0.00	0.00	0.00	0.00	0.00	19.46	13.89	0.00
1/16/2021	0.10	17.10	8.78	13.21	0.00	0.00	0.00	0.00	0.00	0.00	17.10	13.21	0.00
1/17/2021	0.00	15.73	9.61	12.58	0.00	0.00	0.00	0.00	0.00	0.00	15.73	12.58	0.00
1/18/2021	0.00	15.25	8.73	11.77	0.00	0.00	0.00	0.00	0.00	0.00	15.25	11.77	0.00
1/19/2021	0.00	14.62	7.98	10.90	0.00	0.00	0.00	0.00	0.00	0.00	14.62	10.90	0.00
1/20/2021	0.01	13.55	6.77	10.43	0.00	0.00	0.00	0.00	0.00	0.00	13.55	10.43	0.00
1/21/2021	0.02	15.02	7.10	10.38	0.00	0.00	0.00	0.00	0.00	0.00	15.02	10.38	0.00
1/22/2021	0.00	14.09	6.55	9.64	0.00	0.00	0.00	0.00	0.00	0.00	14.09	9.64	0.00
1/23/2021	0.00	14.26	6.07	9.36	0.00	0.00	0.00	0.00	0.00	0.00	14.26	9.36	0.00
1/24/2021	0.02	14.47	5.95	9.17	0.00	0.00	0.00	0.00	0.00	0.00	14.47	9.17	0.00
1/25/2021	0.00	12.01	5.74	8.95	0.00	0.00	0.00	0.00	0.00	0.00	12.01	8.95	0.00
1/26/2021	0.02	11.72	5.75	8.89	0.00	0.00	0.00	0.00	0.00	0.00	11.72	8.89	0.00
1/27/2021	0.00	11.63	5.59	8.86	0.00	0.00	0.00	0.00	0.00	0.00	11.63	8.86	0.00
1/28/2021	0.01	11.85	5.14	8.53	0.00	0.00	0.00	0.00	0.00	0.00	11.85	8.53	0.00
1/29/2021	0.00	13.22	5.23	8.71	0.00	0.00	0.00	0.00	0.00	0.00	13.22	8.71	0.00
1/30/2021	0.00	11.95	5.65	8.64	0.00	0.00	0.00	0.00	0.00	0.00	11.95	8.64	0.00
1/31/2021	0.01	11.63	5.55	8.57	0.00	0.00	0.00	0.00	0.00	0.00	11.63	8.57	0.00
Minimum	0.00	11.63	5.14	8.53	0.00	0.00	0.00	0.00	0.00	0.00	11.63	8.53	0.00
Maximum	0.21	19.46	10.80	13.89	0.00	0.00	0.00	0.00	0.00	0.00	19.46	13.89	0.00
Total	1.04	447.48	219.69	322.28	0.00	0.00	0.00	0.00	0.00	0.00	447.48	322.28	0.00
Average	0.03	14.43	7.09	10.40	0.00	0.00	0.00	0.00	0.00	0.00	14.43	10.40	0.00

# Downers Grove Sanitary District January, 2021

	Tertiary Flow MGD	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
1/1/2021	11 15		77.050	12.54							0.2
	11.15		77,850	12.54 12.67							9.3
1/2/2021	12.81		77,850								
1/3/2021	12.30	0.000	77,850	12.59	<b>5</b> 4	40	0.4	474		4.470	0.4
1/4/2021	11.29	2,323	78,305	13.73	54	40	31	171		4,170	9.4
1/5/2021	10.67	0.440	78,305	13.77	- 4	40	0.4	400	4.000		8.6
1/6/2021	10.45	2,413	81,344	14.17	54	42	31	169	4,802		8.8
1/7/2021	10.73		81,344	14.17							
1/8/2021	10.42	2,635	88,847	12.07	54	40	30	152		5,326	
1/9/2021	10.19		88,847	11.97							
1/10/2021	10.16		88,847	12.08							
1/11/2021	9.91	2,346	79,081	11.90	57	42	33	177		4,830	8.8
1/12/2021	9.68		79,081	11.83							9.0
1/13/2021	9.51	2,456	82,817	12.63	59	44	32	177	4,252		8.3
1/14/2021	10.53		82,817	12.48							
1/15/2021	13.89	2,456	82,816	9.73	56	40	32	164		6,162	
1/16/2021	13.21		82,816	9.70							
1/17/2021	12.58		82,816	9.69							
1/18/2021	11.77	2,252	69,316	10.23	60	44	35	196		5,340	8.7
1/19/2021	10.90		75,940	10.34							8.6
1/20/2021	10.43	2,328	78,500	10.80	62	48	35	204	4,550		9.3
1/21/2021	10.38		78,500	10.78							
1/22/2021	9.64	2,501	84,314	13.84	62	47	37	190		4,389	
1/23/2021	9.36		84,314	14.03							
1/24/2021	9.17		84,314	13.85							
1/25/2021	8.95	2,628	88,597	12.92	72	57	43	216		4,954	8.8
1/26/2021	8.89		88,597	12.86							
1/27/2021	8.86	2,520	84,956	12.31	74	54	40	213		4,981	9.1
1/28/2021	8.53		84,956	11.70							8.5
1/29/2021	8.71	2,456	82,798	12.90	64	50	38	203		4,642	
1/30/2021	8.64		82,798	12.93							
1/31/2021	8.57		82,798	12.87							
Mini	0.70	0.070	00.047.05	0.00	50.50	40.07	00.70	454.00	4.650	4.4=0	
Minimum	8.53	2,252	69,315.60	9.69	53.52	40.35	29.58	151.96	4,252	4,170	8.3
Maximum	13.89	2,635	88,847.43	14.17	73.55	56.89	43.03	216.06	4,802	6,162	9.4
Total	322.28		2,542,331.25		726.89	548.18	415.30	2,231.17	13,604	44,794	115.2
Average	10.40	2,443	82,010.68	12.26	60.67	45.67	34.75	186.00	4,535	4,977	8.9

	Tertiary Flow MGD	Influent BOD 5	Primary Clarifier BOD 5	Intermediate Clarifier CBOD 5	Tertiary Effluent CBOD 5	Tertiary Effluent CBOD 5 Load	BOD 5 Removal %	Ambient Air Temp Min	Ambient Air Temp Max	Influent Flow Temp
Date	MGD	mg/l	mg/l	mg/l	mg/l		%	Deg F	Deg F	Deg F
1/1/2021	11.15							18	35	
1/2/2021	12.81							27	35	
1/3/2021	12.30							24	34	
1/4/2021	11.29	223			1.0	94	99.2	24	30	56.3
1/5/2021	10.67	255	72	1.6	1.0	89	99.2	28	37	56.1
1/6/2021	10.45	245			0.8	70	99.1	29	40	56.3
1/7/2021	10.73	300	72	3.2	0.8	72	99.3	33	38	56.7
1/8/2021	10.42							29	34	
1/9/2021	10.19							25	40	
1/10/2021	10.16							23	30	
1/11/2021	9.91	313			0.4	33	99.5	21	29	56.1
1/12/2021	9.68	310	51	1.6	0.5	40	99.4	25	38	56.3
1/13/2021	9.51	310			0.7	56	99.3	30	40	55.8
1/14/2021	10.53	262	95	2.1	0.6	53	99.2	32	39	55.6
1/15/2021	13.89							26	38	
1/16/2021	13.21							27	37	
1/17/2021	12.58							27	33	
1/18/2021	11.77	260			0.9	88	99.3	22	30	54.9
1/19/2021	10.90	260	93	1.3	0.8	73	99.4	18	32	55.0
1/20/2021	10.43	270			1.0	87	99.3	12	34	54.9
1/21/2021	10.38	320	90	2.1	1.2	104	99.4	29	41	54.7
1/22/2021	9.64							9	29	
1/23/2021	9.36							6	32	
1/24/2021	9.17							26	34	
1/25/2021	8.95	235			0.9	67	99.2	28	33	54.5
1/26/2021	8.89	276	100	2.3	0.6	44	99.5	24	33	54.9
1/27/2021	8.86	287			0.4	30	99.5	13	29	54.7
1/28/2021	8.53	360	85	3.4	0.2	14	99.5	7	29	54.7
1/29/2021	8.71							12	34	
1/30/2021	8.64							28	34	
1/31/2021	8.57							29	33	
Minimum	8.53	223	51	1.3	0.20	14	99.1	6	29	54.5
Maximum	13.89	360	100	3.4	1.20	104	99.5	33	41	56.7
Total	322.28	4,486	658	17.6	11.80	1,013	1,589.6	888	1,062	887.5
Average	10.40	280	82	2.2	0.74	63	99.3	23	34	55.5



	Tertiary Flow MGD	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent TSS	Tertiary Effluent TSS Load	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
1/1/2021	11.15	190			0.5	47	99.7	7.6	7.6	7.0	7.3
1/2/2021	12.81	130			0.4	43	99.7				
1/3/2021	12.30	138			0.4	41	99.7				
1/4/2021	11.29	210			0.4	38	99.8	7.7	7.5	7.1	7.3
1/5/2021	10.67	220	44	2.6	0.8	71	99.6	7.6	7.7	7.0	7.3
1/6/2021	10.45	193			0.5	44	99.7	7.6	7.7	7.0	7.2
1/7/2021	10.73	267	54	11.4	0.4	36	99.9	7.6	7.6	7.0	7.2
1/8/2021	10.42	196			0.4	35	99.8	7.6	7.7	7.0	7.3
1/9/2021	10.19	156			0.2	17	99.9				
1/10/2021	10.16	172			0.3	25	99.8				
1/11/2021	9.91	205			0.4	33	99.8	7.6	7.5	7.1	7.3
1/12/2021	9.68	205	63	3.2	0.9	73	99.6	7.7	7.6	7.1	7.2
1/13/2021	9.51	176			0.5	40	99.7	7.6	7.5	7.1	7.2
1/14/2021	10.53	298	64	4.2	0.5	44	99.8	7.7	7.5	7.1	7.2
1/15/2021	13.89	140			0.5	58	99.6	7.7	7.7	7.1	7.3
1/16/2021	13.21	116			0.6	66	99.5				
1/17/2021	12.58	168			0.4	42	99.8				
1/18/2021	11.77	176			0.4	39	99.8	7.6	7.7	7.2	7.3
1/19/2021	10.90	188	64	0.8	0.4	36	99.8	7.7	7.7	7.2	7.3
1/20/2021	10.43	205			0.4	35	99.8	7.6	7.5	7.2	7.3
1/21/2021	10.38	232	48	4.6	0.4	35	99.8	7.6	7.5	7.3	7.3
1/22/2021	9.64	240			0.2	16	99.9	7.6	7.4	7.1	7.2
1/23/2021	9.36	168			0.5	39	99.7				
1/24/2021	9.17	216			0.4	31	99.8				
1/25/2021	8.95	208			0.2	15	99.9	7.6	7.4	7.2	7.4
1/26/2021	8.89	208	72	4.6	0.2	15	99.9	7.7	7.5	7.1	7.3
1/27/2021	8.86	244			0.2	15	99.9	7.6	7.5	7.1	7.1
1/28/2021	8.53	235	72	11.5	0.2	14	99.9	7.6	7.5	7.0	7.2
1/29/2021	8.71	313			0.2	15	99.9	7.6	7.4	7.0	7.1
1/30/2021	8.64	170			0.3	22	99.8				
1/31/2021	8.57	170			0.2	14	99.9				
Minimum	8.53	116	44	0.8	0.2	14	99.5	7.6	7.4	7.0	7.1
Maximum	13.89	313	72	11.5	0.9	73	99.9	7.7	7.7	7.3	7.4
Total	322.28	6,153	481	42.9	12.3	1,091	3,093.4	160.2	158.7	149.0	152.3
Average	10.40	198	60	5.4	0.4	35	99.8	7.6	7.6	7.1	7.3

Downers Grove Sanitary District January, 2021

# MONTHLY OPERATIONS REPORT PAGE 5

	Tertiary	Influent	Tertiary	Tertiary Effluent	Chlorine	Fecal
	Flow	Ammonia-N	Ammonia-N	Ammonia-N Load	Residual	Coliform
Date	MGD	mg/l	mg/l	lbs/day	mg/l	col/100ml
1/1/2021	11.15	J J	<u> </u>			
1/2/2021	12.81					
1/3/2021	12.30	9.80	0.10	10.3		
1/4/2021	11.29					
1/5/2021	10.67	16.12	0.18	16.0		
1/6/2021	10.45					
1/7/2021	10.73					
1/8/2021	10.42					
1/9/2021	10.19					
1/10/2021	10.16	15.76	0.10	8.5		
1/11/2021	9.91					
1/12/2021	9.68	20.04	0.11	8.9		
1/13/2021	9.51					
1/14/2021	10.53					
1/15/2021	13.89					
1/16/2021	13.21					
1/17/2021	12.58	12.36	0.10	10.5		
1/18/2021	11.77					
1/19/2021	10.90	14.88	0.11	10.0		
1/20/2021	10.43					
1/21/2021	10.38					
1/22/2021	9.64					
1/23/2021	9.36					
1/24/2021	9.17	15.96	0.10	7.7		
1/25/2021	8.95					
1/26/2021	8.89	17.72	0.10	7.4		
1/27/2021	8.86					
1/28/2021	8.53					
1/29/2021	8.71					
1/30/2021	8.64					
1/31/2021	8.57	17.42	0.10	7.1		
Minimum	8.53	9.80	0.10	7.1		
Maximum	13.89	20.04	0.18	16.0		
Total	322.28	140.06	1.00	86.3		
Average	10.40	15.56	0.11	9.6		

SLUDGE DATA				
Primary Sludge	TS	2.53 %	933 609	Gallons
WAS to Digesters	TS	2.70 %		Gallons
Hauled Grease to Digs	TS	8.82 %	•	Gallons
Anaerobically Digested Sludge Pun		0.02 /0	222,000	Gallons
Drying Beds	TS	2.80 %	61 320	Gallons
BFP	TS	1.98 %	•	Gallons
Lagoons	TS	%	000,001	Gallons
Total	. 0	70	916.901	Gallons
VS Destruction			62.3	
Biosolids Disposal			02.0	,,,
Class A Distribu	ıtion	Jan	14	Dry Tons
Class B Hai		Jan		Dry Tons
	Fotal	Jan	14	Dry Tons
Class A Distribu	ıtion	YTD		Dry Tons
Class B Hau	uling	YTD		Dry Tons
	Fotal	YTD	14	Dry Tons
				•
ENERGY DATA				
Total Digester Gas	Proc	luction	3,931,142	SCF
Gas Volume per Volatile	Solids	s Load	8.6	Cu.Ft./Lb.
Digester Gas Utilization				
Heat	Exch	angers	417,828	SCF
Dehu	umidif	ication	501,433	SCF
		CHP	2,687,713	SCF
		Total	3,606,975	SCF
Digester Gas Flared			324,167	SCF
Natural Gas Consumed				
	١	WWTC	44,100	SCF
		MSB	52,700	SCF
Che	emica	l Feed	69,333	SCF
5	5006 Y	Walnut	29,767	SCF
Kilowatt-hours Generated CHP			206,961	
Net energy from Comed			169,968	KWH
Monthly net energy			222	MWH
MISCELLANEOUS				
Grit Rem	ioval	Jan		Cu. Yds
Grit Rem		YTD		Cu. Yds
Anaerobic Super			•	Gallons
Waste Activated Slu	_			Gals/Day
City Water Consu	med		37,151	Gallons

Downers Grove Sanitary District

January, 2021

	Tertiary Flow MGD	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
1/1/2021	11.15											
1/2/2021	12.81											
1/3/2021	12.30											
1/4/2021	11.29	5.09	2.03	465.1	191.2	60.1						
1/5/2021	10.67											
1/6/2021	10.45											
1/7/2021	10.73											21.41
1/8/2021	10.42											
1/9/2021	10.19											
1/10/2021	10.16											
1/11/2021	9.91											
1/12/2021	9.68						34.9	16.2	2,711.4	1,307.6	51.8	
1/13/2021	9.51	5.42	3.45	415.6	273.7	36.3						
1/14/2021	10.53											20.88
1/15/2021	13.89											
1/16/2021	13.21											
1/17/2021	12.58											
1/18/2021	11.77											
1/19/2021	10.90											
1/20/2021	10.43	5.47	2.30	456.4	200.1	58.0						
1/21/2021	10.38											16.53
1/22/2021	9.64											
1/23/2021	9.36											
1/24/2021	9.17											
1/25/2021	8.95	5.41	2.65	381.7	197.7	51.0						
1/26/2021	8.89											
1/27/2021	8.86											
1/28/2021	8.53											23.94
1/29/2021	8.71											
1/30/2021	8.64											
1/31/2021	8.57											
Minimum	8.53	5.09	2.03	381.7	191.2	36.3	34.9	16.2	2,711.4	1,307.6	51.8	16.53
Maximum	13.89	5.47	3.45	465.1	273.7	60.1	34.9	16.2	2,711.4	1,307.6	51.8	23.94
Total	322.28	21.39	10.43	1,718.8	862.7	205.4	34.9	16.2	2,711.4	1,307.6	51.8	82.76
Average	10.40	5.35	2.61	429.7	215.7	51.4	34.9	16.2	2,711.4	1,307.6	51.8	20.69

Permit

Major:

IL0028380 Permit #:

Yes

Permittee: DOWNERS GROVE SANITARY DISTRICT

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

DOWNERS GROVE, IL 60515

**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 01/01/21 to 01/31/21 **DMR Due Date:** 02/25/21 Status:

Facility:

**NetDMR Validated** 

**Considerations for Form Completion** 

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

Principal Executive Officer

First Name: Amy

Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

Last Name:

FORM NODI:	Manifesta	04	n Dourse		0	v an Laarlin v					0	tuntin			, a	Francisco of Australia	Commit
Parameter Code Name	Monitoring Location	Seasor #	n Param. NODI		Quantity  Qualifier Value Qualifier	y or Loading Value 2	Units Q	Qualifier	Value 1	Qualifie	Quality or Concen  Value 2	tration Qualifie	Value 3	Units	# of Ex.		Sample Type
Code Name	Location	- "	NOD!		1 1 2	value 2	Units Q	uaiifier 1	value 1	Qualifie 2	value 2	Qualifiei 3	value 3	Units	LX.		1,700
				Sample			=				8.7	=	8.3	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent	0		Permit Req.					Req Mon MO AV MN		Req Mon MN WK AV		Req Mon DAILY MN	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	Gross			Value NODI													
														40 "	+	0.4/07 F B W I	CP -
	4 500			Sample						=	1.8	=	2.0	19 - mg/L		04/07 - Four Per Week	COMPOS
00310 <b>BOD, 5-day, 20 deg. C</b>	1 - Effluent Gross	0		Permit Req.						<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI													
				Sample			=		7.0			=	7.3	12 - SU	-	05/DW - 5 Days Every Week	GR - GRAB
00400	1 - Effluent	0		Permit			>:	=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
00400 <b>pH</b>	Gross	U		Req. Value											- 0	, , ,	
				NODI													
				Sample						=	0.4	=	0.5	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.						<=	30.0 MO AVG	<=	45.0 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
	Gioss			Value													
				NODI												02/DW Twice Every Discharge	CD
				Sample						=	0.11	=	0.18	19 - mg/L		02/DW - Twice Every Discharge Week	COMPOS
Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
[uo 14]	01033			Value													
				NODI											—		CP -
				Sample								=	3.45	19 - mg/L		04/30 - Four Per Month	COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value													
				NODI Sample													
				Permit						<=	0.75 MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0		Req.												2220 Zany Timon Zisonarging	
				Value NODI							9 - Conditional Monitoring - Not Required This Period						
				Sample Permit										13 -			
74055 Coliform, fecal general	1 - Effluent	0		Req.								<=	400.0 DAILY MX	#/100mL		DL/DS - Daily When Discharging	GR - GRAB
<b>3</b>	Gross			Value NODI									9 - Conditional Monitoring - Not Required This Period				
				Sample	=	322.28	80 - Mgal/mo									99/99 - Continuous	
82220 Flow, total	1 - Effluent	0		Permit Req.		Req Mon MO TOTAL	80 - Mgal/mo								0	99/99 - Continuous	
ozzzo Fiow, total	Gross	U		Value		IOIAL	IVIGAVIIIO								- 0		
																	1

**Submission Note** 

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

**Edit Check Errors** 

No errors.

Comments

zero days discharged combined with A01 or C01.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2021-02-03 16:25 (Time Zone: -06:00)

NODI

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

Permit

Permit #: IL0028380 Permittee: DOWNERS GROVE SANITARY DISTRICT Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

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

**Facility Location:** 5003 WALNUT AVENUE

DOWNERS GROVE, IL 60515

DOWNERS GROVE, IL 60515

002 **Permitted Feature:** 

External Outfall

Underwood

002-0 MIXING CHMBR OVERFLOW TO ST. JOSEPH CRK

Report Dates & Status

**Monitoring Period:** From 01/01/21 to 01/31/21 DMR Due Date: 02/25/21

Discharge:

Status: **NetDMR Validated** 

**Considerations for Form Completion** NUMBER OF DAYS OF DISCHARGE:CS

**Principal Executive Officer** 

First Name:

Title: General Manager Telephone:

630-969-0664

No Data Indicator (NODI)

Last Name:

Form NODI:

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

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

**Edit Check Errors** 

No errors.

Comments

**Attachments** 

No attachments.

Report Last Saved By

**DOWNERS GROVE SANITARY DISTRICT** 

reeseberry

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

Date/Time: 2021-02-03 16:25 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

Permit

Major:

IL0028380 Permit #:

DOWNERS GROVE SANITARY DISTRICT Permittee:

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

DOWNERS GROVE, IL 60515

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

**Facility Location:** 5003 WALNUT AVENUE

**Permitted Feature:** 003 Discharge: 003-0 EXCESS FLOW TO ST. JOSEPH CRK

Status:

DOWNERS GROVE, IL 60515

Report Dates & Status

**Monitoring Period:** From 01/01/21 to 01/31/21

Yes

External Outfall

02/25/21

**DMR Due Date:** 

Title:

**NetDMR Validated** 

**Considerations for Form Completion** NUMBER OF DAYS OF DISCHARGE:CS

**Principal Executive Officer** 

First Name: Amy

General Manager Telephone: 630-969-0664

Last Name: Underwood

No Data Indicator (NODI)

Form NODI:

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

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

**Edit Check Errors** 

No errors.

Comments

**Attachments** 

No attachments.

Report Last Saved By

**DOWNERS GROVE SANITARY DISTRICT** 

reeseberry

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

Date/Time: 2021-02-03 16:26 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

Permit

Major:

IL0028380 Permit #:

Permittee:

DOWNERS GROVE SANITARY DISTRICT

**Permittee Address:** 

2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

**EXCESS FLOW FROM EXCESS FLOW CLARIFIERS** 

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

**Facility Location:** 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

A01 Discharge: A01-0 **Permitted Feature:** 

Report Dates & Status

**Monitoring Period:** From 01/01/21 to 01/31/21

Yes

External Outfall

Underwood

**DMR Due Date:** 

Status:

Facility:

**NetDMR Validated** 

**Considerations for Form Completion** 

NUMBER OF DAYS OF DISCHARGE:CS

**Principal Executive Officer** 

First Name:

Title: General Manager

02/25/21

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

Last Name:

Form I		88 10 1 1 21		" D NOD!			0 11					0 111 0				=		0 1 7
	Parameter	Monitoring Location	Season 7	# Param. NODI				or Loading				Quality or Co				# of Ex.	Frequency of Analysis	Sample Typ
Code	Name					Qualitier 1	Value 1 Qualifier 2	Value 2	Units	Qualifier 1 Val	ue 1 Qualifie	er 2 Value 2 Q	ualitier 3	Value 3	Units			
					Sample													
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.									Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge				
					Sample													
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.									Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge				
					Sample													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge				
					Sample													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge				
					Sample													
82220	Flow, total	1 - Effluent Gross	0		Permit Req.		R	eq Mon MO TOTA	L 80 - Mgal/mo							[	L/DS - Daily When Discharging	CN - CONTI
					Value NODI			C - No Discharge	e									

**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: 2021-02-03 16:26 (Time Zone: -06:00)

Report Last Signed By

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

2021-02-03 16:44 (Time Zone: -06:00) Date/Time:

Permit

Major:

Permit #: IL0028380

Yes

Permittee: DOWNERS GROVE SANITARY DISTRICT

Permittee Address: 2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Discharge: B01 B01-0

External Outfall INTERNAL MIXING CHMBR - E. BR. DUPAGE RVR

Report Dates & Status

**Permitted Feature:** 

From 01/01/21 to 01/31/21 DMR Due Date: Status: **Monitoring Period:** 02/25/21 **NetDMR Validated** 

**Considerations for Form Completion** 

DMF LOAD LIMITS DISPLAYED.

**Principal Executive Officer** 

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

Last Name: Underwood

No Data Indicator (NODI)

	Parameter	Monitoring	Season				Qua	ntity or L	oading						Quality	or Concentration	# ot		Sample T
ode	Name	Location	#	NODI		Qualifier 1	Value 1	Qualifie 2	r Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2			Units Ex.		
					Sample										=	50.5	15 - deg F	01/30 - Monthly	GR - GRA
011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0		Permit Req.											Req Mon MO MAX	15 - deg F	01/30 - Monthly	GR - GR
		01033			Value NODI														
					Sample							8.9		8.7	=	8.3	19 - mg/L	03/DW - 3 Days Every Week	GR - GF
00	Oxygen, dissolved [DO]	1 - Effluent Gross	1		Permit Req.						>=	5.5 MO AV MN	>=	4.0 MN WK AV	>=	3.5 DAILY MN	19 - mg/L 0	02/DA - 2 Days Every Week	GR - GF
					Value NODI														
					Sample Permit							7.0				7.3	12 - SU	05/DW - 5 Days Every Week	GR - GF
00	рН	1 - Effluent Gross	0		Req.						>=	6.0 MINIMUM	1		<=	9.0 MAXIMUM	12 - SU 0	02/DA - 2 Days Every Week	GR - GI
					NODI														CP -
					Sample										=	181.0	19 - mg/L	01/30 - Monthly	COMP
10	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L 0	01/30 - Monthly	CP - COMP
					Value NODI														
					Sample	= :	35.19	=	72.65	26 - lb/d			=	0.4	=	0.9	19 - mg/L	05/DW - 5 Days Every Week	CP - COMP
30	Solids, total suspended	1 - Effluent Gross	0		Permit Req.	<= :	2202.0 MO AVG	<=	4404.0 DAILY MX	26 - lb/d			<=	12.0 MO AV	G <=	24.0 DAILY MX	19 - mg/L 0	02/DA - 2 Days Every Week	CP - COMP
					Value NODI														
					Sample										=	16.2	19 - mg/L	01/30 - Monthly	CP - COMP
00	Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L 0	01/30 - Monthly	CP - COMP
					Value NODI														
					Sample	= !	9.59	=	16.03	26 - lb/d			=	0.11	=	0.18	19 - mg/L	02/DA - 2 Days Every Week	CP - COMP
310	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.	<=	734.0 MO AVG	<=	1376.0 DAILY MX	26 - lb/d			<=	4.0 MO AVG	<=	7.5 DAILY MX	19 - mg/L 0	02/DA - 2 Days Every Week	CP - COMPC
		01033			Value NODI														OOM C
					Sample										=	1.2	19 - mg/L	01/30 - Monthly	CP - COMPO
325	Nitrogen, Kjeldahl, total [as N]	1 - Effluent	0		Permit											Req Mon DAILY MX	19 - mg/L 0	01/30 - Monthly	CP -
		Gross			Req. Value											·		,	COMP
					NODI Sample										=	15.0	19 - mg/L	01/30 - Monthly	CA - CA
30	Nitrite + Nitrate total [as N]	1 - Effluent	0		Permit Req.											Req Mon DAILY MX	19 - mg/L <sub>0</sub>	01/30 - Monthly	CA - C
		Gross			Value NODI														
													_						CP -

Facility:

Facility Location:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

5003 WALNUT AVENUE

DOWNERS GROVE, IL 60515

		4 544		Sample							=	3.45	19 - mg/L	04/30 - Four Per Month	COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	 Permit Req.								Req Mon DAILY MX	19 - mg/L 0	01/30 - Monthly	CP - COMPOS
				Value NODI											
				Sample							=	1.93	19 - mg/L	01/30 - Monthly	CP - COMPOS
00666	Phosphorus, dissolved	1 - Effluent Gross	0	 Permit Req.								Req Mon DAILY MX	19 - mg/L 0	01/30 - Monthly	CP - COMPOS
				Value NODI											
				Sample							=	223.0	19 - mg/L	01/30 - Monthly	GR - GRAB
00940	Chloride [as CI]	1 - Effluent Gross	0	 Permit Req.								Req Mon DAILY MX	19 - mg/L 0	01/30 - Monthly	GR - GRAB
		01000		Value NODI											
				Sample =	10.4	=	13.89	03 - MGD						99/99 - Continuous	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	 Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD					0	99/99 - Continuous	
				Value NODI											
				Sample											
50060	Chlorine, total residual	1 - Effluent	1	 Permit Req.							<=	0.05 DAILY MX	19 - mg/L	CL/OC - Chlorination/Occurances	GR - GRAB
		Gross		Value NODI								9 - Conditional Monitoring - Not Required This Period			
				Sample =	63.34	=	103.87	26 - lb/d	=	0.7	=	1.2	19 - mg/L	04/07 - Four Per Week	CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	 Permit Req. <=	1835.0 MO AVG	<= ;	3670.0 DAILY MX	26 - lb/d	<=	10.0 MO AVG	i <=	20.0 DAILY MX	19 - mg/L 0	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: 2021-02-03 16:31 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

Permit

Major:

Permit #: IL0028380

**Permittee Address:** 

DOWNERS GROVE SANITARY DISTRICT Permittee:

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

C - No Discharge

DL/DS - Daily When Discharging CN - CONTIN

C01 **Permitted Feature:** 

External Outfall

Underwood

Discharge:

C01-0 **EXCESS FLOW FROM CLARIFIER #1** 

Report Dates & Status

From 01/01/21 to 01/31/21 **Monitoring Period:** 

Yes

**DMR Due Date:** 02/25/21

Status: **NetDMR Validated** 

**Considerations for Form Completion** NUMBER OF DAYS OF DISCHARGE:CS

**Principal Executive Officer** 

**First Name:** 

Title: General Manager

> Value NODI Sample

Permit Req.

Value NODI

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

**Last Name:** 

Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Qualifier 1 Value 1 Qualifier 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 2 Value 3 Sample Req Mon DAILY MX 19 - mg/L DL/DS - Daily When Discharging GR - GRAB Permit Req. 00310 BOD, 5-day, 20 deg. C 1 - Effluent Gross 0 C - No Discharge Value NODI Sample Permit Reg. Reg Mon DAILY MX 19 - mg/L DL/DS - Daily When Discharging GR - GRAB 00530 Solids, total suspended 1 - Effluent Gross 0 Value NODI C - No Discharge Sample Req Mon DAILY MX 19 - mg/L DL/DS - Daily When Discharging GR - GRAB Permit Req. 00610 Nitrogen, ammonia total [as N] 1 - Effluent Gross 0 C - No Discharge Value NODI Sample Req Mon DAILY MX 19 - mg/L Permit Reg. DL/DS - Daily When Discharging GR - GRAB 00665 Phosphorus, total [as P] 1 - Effluent Gross 0

Req Mon MO TOTAL 80 - Mgal/mo

C - No Discharge

**Submission Note** 

82220 Flow, total

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

2021-02-03 16:37 (Time Zone: -06:00) Date/Time:

1 - Effluent Gross 0

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

Permit

Major:

Permit #: IL0028380

Permittee:

DOWNERS GROVE SANITARY DISTRICT

2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

WINERS GROVE S.D. - WASTEWATER TREATMENT CENTE

....

Permitted Feature: INF

Influent Structure

Discharge:

Title:

Permittee Address:

INF-L
INFLUENT MONITORING

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

Yes

DMR Due Date: 02/25/21

Status: NetDMR Validated

**Considerations for Form Completion** 

CS

**Principal Executive Officer** 

First Name: Amy

Last Name: Underwood

General Manager

Telephone: 6

630-969-0664

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	Season #	Param. NODI			Qua	antity or Load	ling					Quality or Conc	entration			# of Ex	. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1 Qua	alifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample							=		280.0			19 - mg/L		09/99 - See Permit	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AVG			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
	- , , , , , , , , , , , , , , , , , , ,				Value NODI															
					Sample							=		198.0			19 - mg/L		09/99 - See Permit	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AVG			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
	,				Value NODI															
					Sample										=	34.9	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
	<b>0</b> / <b>1 1</b>	ŭ			Value NODI															
					Sample										=	5.47	19 - mg/L		04/30 - Four Per Month	CP - COMPOS
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
	2.0				Value NODI															
					Sample	-	10.05	= 1	3.86	03 - MGD									99/99 - Continuous	
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0		Permit Req.	I	Req Mon MO AVG	R	eq Mon DAILY MX	03 - MGD								0	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

**Attachments** 

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2021-02-03 16:38 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

01046 Iron, dissolved [as Fe]

1 - Effluent Gross 0

Value NODI

Permit Permit #: IL0028380 Permittee: DOWNERS GROVE SANITARY DISTRICT Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER Yes Permittee Address: 2710 CURTISS STREET PO BOX 1412 Facility Location: **5003 WALNUT AVENUE** Major: DOWNERS GROVE, IL 60515 DOWNERS GROVE, IL 60515 B01 Discharge: B01-S Permitted Feature: **External Outfall SEMI ANNUAL SAMPLING AT B01** Report Dates & Status From 08/01/20 to 01/31/21 **DMR Due Date:** Status: **Monitoring Period:** 02/25/21 **NetDMR Validated Considerations for Form Completion Principal Executive Officer** First Name: Title: General Manager Telephone: 630-969-0664 **Last Name:** Underwood No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Code Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units Sample 19 - mg/L 09/99 - See Permit GR - GRAB Permit Rea Req Mon DAILY MX 19 - mg/L 09/99 - See Permit GR - GRAB 00556 Oil & Grease 1 - Effluent Gross 0 Value NODI 28 - ug/L GR - GRAB Sample 5.0 09/99 - See Permit Req Mon DAILY MX 28 - ug/L 0 Permit Req. 09/99 - See Permit GR - GRAB 00720 Cyanide, total [as CN] 1 - Effluent Gross 0 Value NOD Sample 5.0 28 - ug/L 09/99 - See Permit GR - GRAB Req Mon DAILY MX 28 - ug/L 09/99 - See Permit GR - GRAB Permit Req. 00722 Cyanide, free [amen. to chlorination] 1 - Effluent Gross 0 Value NODI Sample 0.54 19 - mg/L 09/99 - See Permit 24 - COMP24 Req Mon DAILY MX 19 - mg/L 0 09/99 - See Permit Permit Req. 24 - COMP24 1 - Effluent Gross 0 00951 Fluoride, total [as F] Value NODI 24 - COMP24 Sample 0.01 19 - mg/L 09/99 - See Permit **Permit Req** Req Mon DAILY MX 19 - mg/L 09/99 - See Permit 24 - COMP24 01002 Arsenic, total [as As] 1 - Effluent Gross 0 Value NODI 0.018 19 - mg/L 09/99 - See Permit 24 - COMP24 Sample Req Mon DAILY MX 19 - mg/L 0 Permit Reg. 09/99 - See Permit 24 - COMP24 01007 Barium, total [as Ba] 1 - Effluent Gross 0 Value NODI Sample 0.004 19 - mg/L 09/99 - See Permit 24 - COMP24 Req Mon DAILY MX 19 - mg/L 24 - COMP24 Permit Req. 09/99 - See Permit 01012 Beryllium, total [as Be] 1 - Effluent Gross 0 Value NODI 24 - COMP24 Sample 19 - mg/L 09/99 - See Permit Req Mon DAILY MX 19 - mg/L 0 Permit Req. 09/99 - See Permit 24 - COMP24 01027 Cadmium, total [as Cd] 1 - Effluent Gross 0 Value NODI 0.005 GR - GRAB Sample 19 - mg/L 09/99 - See Permit Req Mon DAILY MX 19 - mg/L 0 GR - GRAB Permit Req. 09/99 - See Permit 01032 Chromium, hexavalent [as Cr] 1 - Effluent Gross 0 Value NODI Sample 0.005 19 - mg/L 09/99 - See Permit 24 - COMP24 Req Mon DAILY MX 19 - mg/L 0 Permit Req. 09/99 - See Permit 24 - COMP24 01034 Chromium, total [as Cr] 1 - Effluent Gross 0 Value NODI Sample 0.005 19 - mg/L 09/99 - See Permit 24 - COMP24 24 - COMP24 Permit Req. Req Mon DAILY MX 19 - mg/L 09/99 - See Permit 01042 Copper, total [as Cu] 1 - Effluent Gross 0 Value NODI Sample 0.14 19 - mg/L 09/99 - See Permit 24 - COMP24 Req Mon DAILY MX 19 - mg/L 0 Permit Req. 09/99 - See Permit 24 - COMP24 01045 Iron, total [as Fe] 1 - Effluent Gross 0 Value NODI Sample 24 - COMP24 19 - mg/L 09/99 - See Permit Req Mon DAILY MX 19 - mg/L 0 09/99 - See Permit 24 - COMP24 Permit Req

				Sample	<	0.005	19 - mg/L	09/99 - See Permit	24 - COMP24
Lead total [as Ph]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	. 19 - mg/L <sub>0</sub>	09/99 - See Permit	24 - COMP24
Lead, total [as I b]	1 Emacin Gross			Value NODI					
				Sample	=	0.03	19 - mg/L	09/99 - See Permit	24 - COMP24
Manganese, total (as Mn)	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L <sub>0</sub>	09/99 - See Permit	24 - COMP24
manganess, tetal [as mm]	. Lindom Groos			Value NODI					
				Sample	<	0.01	19 - mg/L	09/99 - See Permit	24 - COMP24
Thallium, total [as TI]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L <sub>0</sub>	09/99 - See Permit	24 - COMP24
				Value NODI					
				Sample	<		19 - mg/L	09/99 - See Permit	24 - COMP24
Nickel, total [as Ni]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L 0	09/99 - See Permit	24 - COMP24
				Value NODI					
				Sample	<	0.003	19 - mg/L	09/99 - See Permit	24 - COMP24
Silver, total [as Aq]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L <sub>0</sub>	09/99 - See Permit	24 - COMP24
				Value NODI					
				Sample	=	0.042	19 - mg/L	09/99 - See Permit	24 - COMP24
Zinc. total [as Zn]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L 0	09/99 - See Permit	24 - COMP24
				Value NODI					
				Sample	<	0.006	19 - mg/L	09/99 - See Permit	24 - COMP24
Antimony, total [as Sb]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L <sub>0</sub>	09/99 - See Permit	24 - COMP24
January, tetal [ac ca]		_		Value NODI					
				Sample	<	0.005	19 - mg/L	09/99 - See Permit	24 - COMP24
Selenium, total [as Se]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
				Value NODI					
				Sample	=		19 - mg/L	09/99 - See Permit	GR - GRAB
Phenolics, total recoverable	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	19 - mg/L <sub>0</sub>	09/99 - See Permit	GR - GRAB
				Value NODI					
				Sample	=		3M - ng/L	09/99 - See Permit	GR - GRAB
Mercury, total [as Hq]	1 - Effluent Gross	0		Permit Req.		Req Mon DAILY MX	3M - ng/L 0	09/99 - See Permit	GR - GRAB
,,		_		Value NODI					
	Lead, total [as Pb]  Manganese, total [as Mn]  Thallium, total [as Tl]  Nickel, total [as Ni]  Silver, total [as Ag]  Zinc, total [as Zn]  Antimony, total [as Sb]  Selenium, total [as Se]  Phenolics, total recoverable  Mercury, total [as Hg]	Manganese, total [as Mn] 1 - Effluent Gross  Thallium, total [as Tl] 1 - Effluent Gross  Nickel, total [as Ni] 1 - Effluent Gross  Silver, total [as Ag] 1 - Effluent Gross  Zinc, total [as Zn] 1 - Effluent Gross  Antimony, total [as Sb] 1 - Effluent Gross  Selenium, total [as Se] 1 - Effluent Gross  Phenolics, total recoverable 1 - Effluent Gross	Manganese, total [as Mn] 1 - Effluent Gross 0  Thallium, total [as Tl] 1 - Effluent Gross 0  Nickel, total [as Ni] 1 - Effluent Gross 0  Silver, total [as Ag] 1 - Effluent Gross 0  Zinc, total [as Zn] 1 - Effluent Gross 0  Antimony, total [as Sb] 1 - Effluent Gross 0  Selenium, total [as Se] 1 - Effluent Gross 0  Phenolics, total recoverable 1 - Effluent Gross 0	Manganese, total [as Mn] 1 - Effluent Gross 0  Thallium, total [as Tl] 1 - Effluent Gross 0  Nickel, total [as Ni] 1 - Effluent Gross 0  Silver, total [as Ag] 1 - Effluent Gross 0  Zinc, total [as Zn] 1 - Effluent Gross 0  Antimony, total [as Sb] 1 - Effluent Gross 0  Selenium, total [as Se] 1 - Effluent Gross 0  Phenolics, total recoverable 1 - Effluent Gross 0	Lead, total [as Pb]  1 - Effluent Gross 0 Permit Req. Value NODI  Manganese, total [as Mn]  1 - Effluent Gross 0 Permit Req. Value NODI  Thallium, total [as Ti]  1 - Effluent Gross 0 Permit Req. Value NODI  Nickel, total [as Ni]  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  Permit Req. Value NODI  Silver, total [as Ag]  1 - Effluent Gross 0 Permit Req. Value NODI  Zinc, total [as Zn]  1 - Effluent Gross 0 Permit Req. Value NODI  Antimony, total [as Sb]  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  Permit Req. Value NODI  Antimony, total [as Sb]  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  Permit Req. Value NODI  Antimony, total [as Se]  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  Permit Req. Value NODI	Lead, total [as Pb]	Lead, total [as Pb]	Lead, total [as Pb]	Permit Req.   Permit Req.

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: 2021-02-03 16:36 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

**DMR Copy of Record** Permit Permit #: IL0028380 Permittee: DOWNERS GROVE SANITARY DISTRICT Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER Permittee Address: 2710 CURTISS STREET PO BOX 1412 **Facility Location: 5003 WALNUT AVENUE** Major: Yes DOWNERS GROVE, IL 60515 DOWNERS GROVE, IL 60515 INFL Discharge: INFL-S Permitted Feature: Influent Structure SEMI ANNUAL SAMPLING AT INFL Report Dates & Status Monitoring Period: From 08/01/20 to 01/31/21 **DMR Due Date:** Status: 02/25/21 **NetDMR Validated Considerations for Form Completion Principal Executive Officer** Title: **First Name:** General Manager Telephone: 630-969-0664 **Last Name:** Underwood 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 Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units Sample 19 - mg/L 09/99 - See Permit GR - GRAB Req Mon DAILY MX 19 - mg/L 0 **Permit Rea** 09/99 - See Permit GR - GRAB 00556 **Oil & Grease** 1 - Effluent Gross 0 Value NODI GR - GRAB Sample 5.0 28 - ug/L 09/99 - See Permit Req Mon DAILY MX 28 - ug/L 0 Permit Reg. 09/99 - See Permit GR - GRAB 00718 Cyanide, weak acid, dissociable 1 - Effluent Gross 0 Value NODI Sample 5.0 28 - ug/L 09/99 - See Permit GR - GRAB Req Mon DAILY MX 28 - ug/L 0 09/99 - See Permit GR - GRAB Permit Req. 00720 Cyanide, total [as CN] 1 - Effluent Gross 0 Value NODI 24 - COMP24 Sample 0.57 19 - mg/L 09/99 - See Permit Req Mon DAILY MX 19 - mg/L 0 Permit Reg. 09/99 - See Permit 24 - COMP24 00951 Fluoride, total [as F] 1 - Effluent Gross 0 Value NODI Sample 19 - mg/L 09/99 - See Permit 24 - COMP24 Permit Req Req Mon DAILY MX 19 - mg/L 09/99 - See Permit 24 - COMP24 01002 Arsenic, total [as As] 1 - Effluent Gross 0 Value NODI 0.054 19 - mg/L 09/99 - See Permit 24 - COMP24 Sample Req Mon DAILY MX 19 - mg/L 0 Permit Reg. 09/99 - See Permit 24 - COMP24 01007 Barium, total [as Ba] 1 - Effluent Gross 0 Value NODI Sample 0.004 19 - mg/L 09/99 - See Permit 24 - COMP24 Req Mon DAILY MX 19 - mg/L 09/99 - See Permit 24 - COMP24 **Permit Req** 01012 Beryllium, total [as Be] 1 - Effluent Gross 0 Value NODI 24 - COMP24 Sample 19 - mg/L 09/99 - See Permit Req Mon DAILY MX 19 - mg/L 0 Permit Req. 09/99 - See Permit 24 - COMP24 01027 Cadmium, total [as Cd] 1 - Effluent Gross 0 Value NODI GR - GRAB Sample 19 - mg/L 09/99 - See Permit Req Mon DAILY MX 19 - mg/L 09/99 - See Permit GR - GRAB Permit Req 01032 Chromium, hexavalent [as Cr] 1 - Effluent Gross 0 Value NODI Sample 0.005 19 - mg/L 09/99 - See Permit 24 - COMP24 Req Mon DAILY MX 19 - mg/L 0 Permit Req. 09/99 - See Permit 24 - COMP24 01034 Chromium, total [as Cr] 1 - Effluent Gross 0 Value NODI Sample 0.082 19 - mg/L 09/99 - See Permit 24 - COMP24 Req Mon DAILY MX 19 - mg/L Permit Req. 09/99 - See Permit 24 - COMP24 01042 Copper, total [as Cu] 1 - Effluent Gross 0 Value NODI Sample 19 - mg/L 09/99 - See Permit 24 - COMP24 1.21 Req Mon DAILY MX 19 - mg/L 0

09/99 - See Permit

09/99 - See Permit

09/99 - See Permit

19 - mg/L

Req Mon DAILY MX 19 - mg/L

24 - COMP24

24 - COMP24

24 - COMP24

Permit Req.

Value NODI Sample

Permit Req

Value NODI

1 - Effluent Gross 0

1 - Effluent Gross 0

01045 Iron, total [as Fe]

01046 Iron, dissolved [as Fe]

				Sample	<	0.005	19 - mg/L	09/99 - See Permit	24 - COMP24
01051	Lead, total [as Pb]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
01001	Lead, total [as 1 b]	. Lindon Grood		Value NODI					
				Sample	=	0.061	19 - mg/L	09/99 - See Permit	24 - COMP24
01055	Manganese, total [as Mn]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
01000	manganooo, total [ao min]	1 Emacin Groot		Value NODI					
				Sample	<	0.01	19 - mg/L	09/99 - See Permit	24 - COMP24
01059	Thallium, total [as TI]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
0.000	···aa, teta. [ao 1.]	c.iii G.ess		Value NODI					
				Sample	<	0.005	19 - mg/L	09/99 - See Permit	24 - COMP24
01067	Nickel, total [as Ni]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
01001	Triolog total [do ru]	. Lindon Grood		Value NODI					
				Sample	<	0.003	19 - mg/L	09/99 - See Permit	24 - COMP24
01077	Silver, total [as Ag]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
01077	onver, total [as Ag]	1 Emacin Gross		Value NODI					
				Sample	=	0.132	19 - mg/L	09/99 - See Permit	24 - COMP24
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
				Value NODI					
				Sample	<	0.006	19 - mg/L	09/99 - See Permit	24 - COMP24
01097	Antimony, total [as Sb]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
	, , , , , , , , , , , , , , , , , , , ,			Value NODI					
				Sample	<		19 - mg/L	09/99 - See Permit	24 - COMP24
01147	Selenium, total [as Se]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	24 - COMP24
	,			Value NODI					
				Sample	=	0.06	19 - mg/L	09/99 - See Permit	GR - GRAB
32730	Phenolics, total recoverable	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	19 - mg/L	09/99 - See Permit	GR - GRAB
			,	Value NODI					
				Sample	<		3M - ng/L	09/99 - See Permit	GR - GRAB
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	 Permit Req.		Req Mon DAILY MX	3M - ng/L	09/99 - See Permit	GR - GRAB
	31			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: 2021-02-03 16:43 (Time Zone: -06:00)

Report Last Signed By

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

Date/Time: 2021-02-03 16:44 (Time Zone: -06:00)

#### DOWNERS GROVE SANITARY DISTRICT

#### MEMO

TO: Amy Underwood, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: February 4, 2021

SUBJECT: January 2021 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department and operations during January 2021.

Special projects in January included:

#### **Excess Flow Clarifiers – Traveling Bridge Control Panel Replacements**

I am pleased to report that the control panel replacement project is now complete. As previously mentioned, this project included the replacement of control panels on both bridges along with the replacement of all control switch devices and the complete overhaul on all six (6) motors.

This was a significant upgrade project with the expenses budgeted over two (2) budget years, FY19-20 & FY20-21. All of the work related to this project was completed in-house by District Electricians and Maintenance staff. In all, a total of 288 man hours of labor were required to complete this project. I would also like to mention that District Electrician Rolf Flechsig did an outstanding job on taking the lead on this project from start to finish!

The total cost of this upgrade project was \$60,052.54. This was slightly over our budgeted amount of \$55,000.00.

#### <u>Digester 2 Heat Exchanger – Burner Tube Replacement</u>

During the past few months we have been unable to maintain the required sludge temperature for the sludge in Digester 2. This issue was directly related to a lower that normal water bath temperature on the heat exchanger.

Typically, when we are not able to achieve the required water bath temperature, it is the result of clogged burner tubes. When we were cleaning the tubes, we discovered that the majority of the tubes were significantly deteriorated, and during the cleaning process they started to leak.

Atlas Boiler, the certified boiler repair contractor that we have used for the past 30 years, was contacted to inspect the burner tubes to determine how many tubes would likely need to be replaced. What was found was that most of the 45 burner tubes were deteriorated and since the heat exchanger was over 35 years old, I directed them to replace all 45 of the 2" burner tubes.

Fortunately, Atlas Boiler was able to start the burner tube replacement immediately on Thursday morning and they were able to complete the burner tube replacement by Saturday afternoon. Overtime for this repair was authorized due to the urgency to get the heat exchanger back on line. The total cost of this repair project was \$16,549.30.

# Work Order Summary

Work Order Completion Dates from 1/4/2021 to 1/29/2021

Work Assignment	Completion Date	Equipment	NOTATIONS
Exercise Of EBARA and Excess Pumps	04-Jan-21	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	
6000 Hour Oil Change on Unison Gas Skid Blower	05-Jan-21	CHP Gas Cleaning System	
Extend access ladders on the both bridges.		Excess Flow Clarifier 1	Fabricate and install extensions on the access ladders on both bridges on the ends where accessed from grass. Also add grab handles on both bridges.
		Excess Flow Clarifier 2	
		Excess Flow Clarifier 3	
		Excess Flow Clarifier 4	
28,925 miles. Change oil and filter. Rotate tires.	06-Jan-21	2018 Ford F-150	Changed oil and filter. Rotated tires.
Replace media and gaskets in all vessels		CHP Gas Cleaning System	Remove and replace siloxane media from all 4 vessels, system purged with nitrogen. Removed and replaced iron sponge and H2S media. Cleaned up area.
Prep interior tunnel for contracted painting project.		Tunnel - System 2 RAS	Remove loose concrete, patch holes and cracks, replace rusted out piping supports, insulate city water piping, install new safety chain and posts at sump pump pit.
Check all life ring boxes and clean if needed.	07-Jan-21		
Fluid and filters on Engine and generator TV RIG		2003 Ford Truck E450/TV Unit	Removed and replaced engine oil and filter on front engine, removed and replaced fluids, filters, and plugs on unit generator.
23,767 miles. Change oil and filter. Rotate Tires.		2014 Ford F-150 4x2 Shortbed	Changed oil and filter. Rotated tires.
8617 miles. Change oil and filter.		2018 Ford F-150 2WD Reg Cab	Changed oil and filter.
3 Month Oil Change Blower #4		Aeration Blower 04	
3 month Greasing of 3 AUMA Actuators		Aeration Tank 11	
Check STR 700, 721, 741, clean as needed.		CHP Gas Cleaning System	
Building Heat Pump not working.		Digester 1 Heat Exchanger	Replaced motor and coupler with new.
3 month Greasing of 3 AUMA Actuators		Digester 1 Mixing Pump	
Building heat pump not working.		Digester 2 Heat Exchanger	Replaced motor, bearing housing, and coupler with new.
Safety lane Vehicle 317	11-Jan-21	2009 Sterling LT 7500	
Safety lane Vehicle 353		2011 Freightliner M2	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
Wadnasday Fahmany 2 2021			Dogg 1 of 2

Wednesday, February 3, 2021 Page 1 of 3

Work Assignment	Completion Date	Equipment	NOTATIONS
		Emergency Generator 3	
Hot bolt RAS #2 inlet valve		RAS Pump 2	Removed and replaced old nuts and bolts on RAS 2 influent gate valve in preparation for valve replacement.
ANNUAL SERVICE ON TOYOTA FORK LIFT	12-Jan-21	2016 Toyota Forklift	
Lubricate skid steer and attachment mechanisim		2019 Skid Steer	
Change small air filter located on Unison Control Panel A/C Air intake		CHP Gas Cleaning System	
Replaced broken ball valve on East concentrator		Concentration Tank 2	Replaced broken ball valve on East concentrator.
ANNUAL FIRE EXTINGUISHER TAG AND RECIRTIFICATION		Maintenance Services Building	
Exercising of bar screen sluice gates 1 and 2	13-Jan-21	Bar Screen 1	
		Bar Screen 2	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 1 Heat Exchanger Digester 2 Heat	
		Exchanger	
		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
500 Hour Oil Change on Pearth 4		Digester 4 Mixing System	
Operate Relief Valves On Heat Exchangers And Boilers		Digester 5 Heat Exchanger	
Monthly Liquid Status of Under Ground Diesel Tank		Emerg Gen Diesel Storage Tank	
Operate Relief Valves On Heat Exchangers And Boilers		Excess Flow Pump Station	
Replace the motor on the cross collector		Primary Clarifier 5	Replace the 1 HP motor that failed.
Replace small cooling filters for ABS #2	14-Jan-21	Aeration Blower ABS #2	
Overhaul pump including replacement of impeller.		Earlston Pump 2	Replaced bearings and oil seals. Replaced mechanical seal and sleeve. Replaced impeller with new.
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Exercising of Raw and Excess Influent valves	15-Jan-21	Excess Flow Pump Station	
		Raw Sewage Pump Station	
Exercise both 24" primary influent ratio valves		Tunnel From PS to Grit	
		Tunnel/Chan Primary Clarifiers	
Full service and Oil change six month-JohnDeere 244K	20-Jan-21	2015 Wheel Loader #332	
Clean burner/heat exhanger tubes		Digester 2 Heat Exchanger	Cleaned tubes and reassembled. Put back into service.
Check emission code.	21-Jan-21	2013 FORD F-150 Reg	Packey Webb Ford troubleshooted and repaired. Replace
Wednesday February 3, 2021			Page 2 of

Wednesday, February 3, 2021 Page 2 of 3

Work Assignment	Completion Date	Equipment	NOTATIONS
		Cab	faulty wiring and drain solenoid.
Auger 001 full annual PM an Rebuild		2014 AUGER-DAWG G- 30 4D091	Yearly PM and rebuild of auger #1. Replaced hyd motor, support hub assembly, and wear plate.
Grease Raw Sewage And Excess Flow Pumps		Excess Flow Pump 06	
-		Excess Flow Pump 07	
		Excess Flow Pump 08	
		Excess Flow Pump 09	
		Raw Sewage Pump 1	
		Raw Sewage Pump 2	
		Raw Sewage Pump 3	
		Raw Sewage Pump 4	
		Raw Sewage Pump 5	
Vehicle 354, 6 Month Oil Change (6 yard dump)	22-Jan-21	2014 Freightliner M2106 6 yd d	Fluids and recharge of AC unit.
Safety lane Vehicle 354	25-Jan-21		
Annual Sensor Test to be performed on UST		Emerg Gen Diesel Storage Tank	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Annual Oil Change Gear Reducer Grit Conveyors.		Grit Conveyor System	
Run And Inspect Generators With The Load Of The Plant	27-Jan-21	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
EXCESS 003- Exercise 30" and 24" DEZURIK Valves		Excess Flow 003 Valves	
Replace both thermostats on the unit heaters	28-Jan-21	System Garage	Replace both thermostats on the unit heaters.
12 Month/10,000 Mile Synthetic Oil Change (2011 Ford Ranger) #322 OPS	29-Jan-21	2011 Ford Ranger	77,024 miles, change oil using Mobil 1 full synthetic oil. Replace filter.
12 Month/10,000 Mile Synthetic Oil Change (2015 Transit) # 310 (Gray)		2015 Ford Transit Connect XL	63,983 miles. Change oil using Mobil 1 full synthetic oil. Change filters and rotate tires.
Bridge control panel replacement with new PLC control panel		Excess Flow Clarifier 1	Replace control panels, limit switches and wiring as needed. All of the skimmers and main drive motors were also overhauled and new brake assemblies were installed.
		Excess Flow Clarifier 2	
		Excess Flow Clarifier 3	
		Excess Flow Clarifier 4	
Replace Air Filters On Both Laboratory Furnaces		Laboratory	Replace filters in Sampler room and Micro lab room furnaces.
Primary 5-6 shear pin and hub maintenance		Primary Clarifier 6	Remove shear pin and ensure hub spins freely. Fully lubricate hub. Replace shear pin. Test shear pin and notify operator on duty of completed work.

Wednesday, February 3, 2021 Page 3 of 3

## DOWNERS GROVE SANITARY DISTRICT MEMO

DATE: February 3, 2021

Amy Underwood General Manager TO:

FROM: Robert Swirsky Sewer System Maintenance Supervisor

Manhole inspections

7.

RE:	Monthly Report – January, 2021		
1.	JULIE Line Markings: Received In District Marked Man Hours	Current 334 269 135 72	Year to Date 334 269 135 72
2.	Building Service: a. BSSRAP TV Inspections b. Emergency BSSRAP Repairs c. Total BSSRAP Repairs d. I&I inspections e. I&I C.O. installation f. Replace broken cleanout caps g. OHSP TV Inspections h. Post Rodding TV	Current 07 05 09 00 00 01 00 03	Year to Date 07 05 09 00 00 01 00 03
3.	Sewer backups: a. Public sewer b. Private sewer c. Surcharged main d. Pump station Total	Current 02 16 00 00 18  Current	Year to Date  2 16 0 0 18  Year to Date
4.	Sewer Cleaning (DGSD personnel):  a. Sewer Cleaning (outside contractors):	0	0Ft. 0Ft.
5.	Main Sewer Televising (DGSD personnel)  a. Sewer Televising (outside contractors):	: 0	6,302 Ft. 0Ft.
6.	LETS TV	0	0

0

0

8.	Sewer and manhole repairs and replacements by Uno Construction: None	
9.	Miscellaneous: (sewer system personnel)	
	a. Upload Flow-Meters.	

CC: WDVB, AES, PWC, RTJ, KJR, MS, WCC, MCW

## DOWNERS GROVE SANITARY DISTRICT M E M O

DATE: February 4, 2021

TO: Amy R. Underwood

General Manager

FROM: Keith Shaffner

Sewer Construction Supervisor

RE: Monthly Report: Sewer Construction \ Code Enforcement – January 2021

1. P	Permits issued:	Current	Year to Date	
	. Single family	5	5	
t	<ul> <li>Multiple family</li> </ul>	Ü	U	
C	c. Commercial	0	0	
Ċ	l. Repair	3	3	
e	e. Disconnection	<u>3</u>	<u>3</u>	
	Total	11	11	

2.	Ins	pections made:	Current	Year to Date
	a.	Connections	4	4
	b.	Finals	1	1
	c.	Repairs	2	2
	d.	Disconnects	2	2
	e.	Groundwork	0	0
	f.	Walk-Thru	0	0
	g.	Pre-connections	0	0
	h.	Overhead Sewer Program	1	1
	i.	Code Enforcement	1	1
	j.	Lateral testing	4	4
	5	Total	$1\overline{5}$	$1\overline{5}$

- 3. New Sewer Extension Construction:
  - a. None
- 4. New Sewer Extension Testing air, deflection, manhole, and televising:
  - a. None
- 5. Code Enforcement:
  - a. Woodcreek Drive Inspector checked grease traps and inspection manholes at businesses for proper cleaning and maintenance. Excess grease was found in the sanitary main line leading to investigation.

#### 6. Plan & Permit Reviews:

- a. 1923 Hitchcock Single Family Home Review
- b. 4600 Downers Service Repair Review
- c. 4732 Saratoga Single Family Home Review
- d. 5105 DeWitt Single Family Home Review
- e. 5255 Carpenter Single Family Home Review
- f. 5307 Victor Single Family Home Review
- g. 5808 Fairmount Single Family Home Review
- h. 3928 Venard Single Family Septic Conversion Review
- i. 6000 Woodward Single Family Home Review
- j. 24 S. Park Service Repair Review
- k. 6026 Dunham Service Repair Review
- 1. 4913 Oakwood Single Family Home Review

## 7. Building Sanitary Service Access Agreements:

- a. 5105 DeWitt Downers Grove
- b. 4732 Saratoga Downers Grove
- c. 3928 Venard Downers Grove
- d. 5307 Victor Downers Grove
- e. 6000 Woodward Downers Grove

#### 8. Illinois EPA Permits:

- a. 6000 Woodward 138' Sewer Extension 4 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 has continued to work in the field using safe social distancing and personal protective equipment as necessary to complete their inspections. I have been working from home and coming into the Administration Center as necessary.
- b. The offer extended to the applicant for the Permit Tech. position has been accepted by the applicant and all post offer conditions have been completed by applicant. The anticipated start date is March 1<sup>st</sup>.

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

## **Permits Issued: JANUARY 2021**

YEAR	PERMIT #	<b>ADDRESS</b>	STREET	CIT	ISSUE	TYPE	TAP FEE	INSP FEE
2021	1	4732	SARATOGA	DG	1/7/2021	SF-RB		\$223.00
2021	10	5255	CARPENTER	DG	1/21/2021	DISCON		
2021	12	5307	VICTOR	DG	1/21/2021	DISCON		
2021	13	3635	DOUGLAS	DG	1/21/2021	DISCON		
2021	14	24 S	PARK	W	1/21/2021	REPAIR		
2021	15	6026	DUNHAM	DG	1/21/2021	REPAIR		
2021	5	5105	DEWITT	DG	1/26/2021	SF-RB		\$223.00
2021	11	3928	VENARD	DG	1/27/2021	SF-SC	\$3,248.00	\$223.00
2021	7	5307	VICTOR	DG	1/27/2021	SF-RB		\$223.00
2021	16	6000	WOODWARD	DG	1/29/2021	SF	\$3,248.00	\$223.00
2021	4	4600	DOWNERS	DG	1/6/2021	REPAIR		
				7	ΓΟΤΑL	\$6	,496.00	\$1,115.00

# **Permit Final Inspections: JANUARY 2021**

YEAR	PERMIT #	<b>ADDRESS</b>	STREET	CITY	<u>FINAL</u>
2020	21	5521	FAIRMOUNT	DG	1/4/2021

## **Progress Report**

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

Date: February 4, 2021

Re: January 2021 Laboratory Report

We had no excess rain events in January. We had no permit excursions in January.

#### **Biosolids:**

All sampling and analysis performed in January 2021 were below the acceptable limits for Class A biosolids. There were no Class B sludge activities during the month of January.

## **Pretreatment Activities:**

### **Training:**

Reese participated in USEPA Pretreatment training via a webinar on January 6<sup>th</sup>-7<sup>th</sup> and again on January 11<sup>th</sup>-12<sup>th</sup>. This training involved a general overview of pretreatment programs and how to incorporate the pretreatment program on a daily, weekly, and monthly basis. We are looking into the potential for these training sessions for Malwina and Stephanie in the near future.

### **Dental Amalgam Rule:**

During January I visited the remaining Dental Amalgam Users to get forms completed. I've received back multiple forms from users over the past month. We have 3 locations, that are left to complete forms, but I've discussed this with them and they should be sending them back, in the coming weeks. There are 2 locations that are closed, but still have signage up or hours by appointment only, but their doors are locked. I mailed forms to these users again.

#### Personnel:

We were fully staffed the first 3 weeks of the year in January due to biosolids testing (salmonella), which is labor intensive. We transitioned back to 1 lab tech at work and 1 lab tech on standby after we completed salmonella testing.

To: Amy Underwood, General Manager

From: Alex Bielawa, Staff Engineer

Re: Engineering Report for the Month January, 2021

Date: February 3, 2021

### I. Planning Projects & Studies

#### A. Flow Monitoring

Data collection for Cycle E is ongoing.

## **B.** Composting Pilot

Heap 4 was flipped from Phase 1 to Phase 2 on January 29<sup>th</sup>.

## C. SWMM Modeling

The District was approached by a developer looking to build a housing complex in downtown Downers Grove. Baxter & Woodman is currently working on modeling how the development will impact the collection system.

## **II. Design Projects**

### A. Centex Lift Station Replacement

Baxter & Woodman is currently designing the Lift Station. The project is tentatively scheduled to go out for bid in April 2021.

#### B. Outfall 001 Sanitary Sewer Repair

Approximately 150 Lineal Feet of the 001 Discharge Sanitary Sewer that carries our treated Effluent from the Treatment Center to the East Branch of the DuPage River is sagged. The project was not awarded last year; it is anticipated the project will go out for re-bid in March 2021.

#### C. 1K-028 Basin Rehabilitation – Phase 3

Baxter & Woodman is preparing Plans and Specifications for continued work in the 1K-028 basin. This project is tentatively scheduled to go out for bid in April 2021.

## **III. Construction Projects**

## A. CHP No.1 Replacement

Baxter & Woodman - Boller Construction Company, LLC submitted Pay Request No.6 this month.

<b>Current Payment Due</b>	\$74,028.12
Less Previous Payments	(\$820,713.97)
Total Earned Less Retainage	\$894,742.09
Retainage	(\$99,415.79)
Total Completed to Date	\$994,157.88
Original Contract Value	\$1,082,575.00

Personnel from Nissen Energy are currently working on commissioning the unit. Substantial completion is anticipated in early February.

## D. Sherman Street Sanitary Sewer Replacement

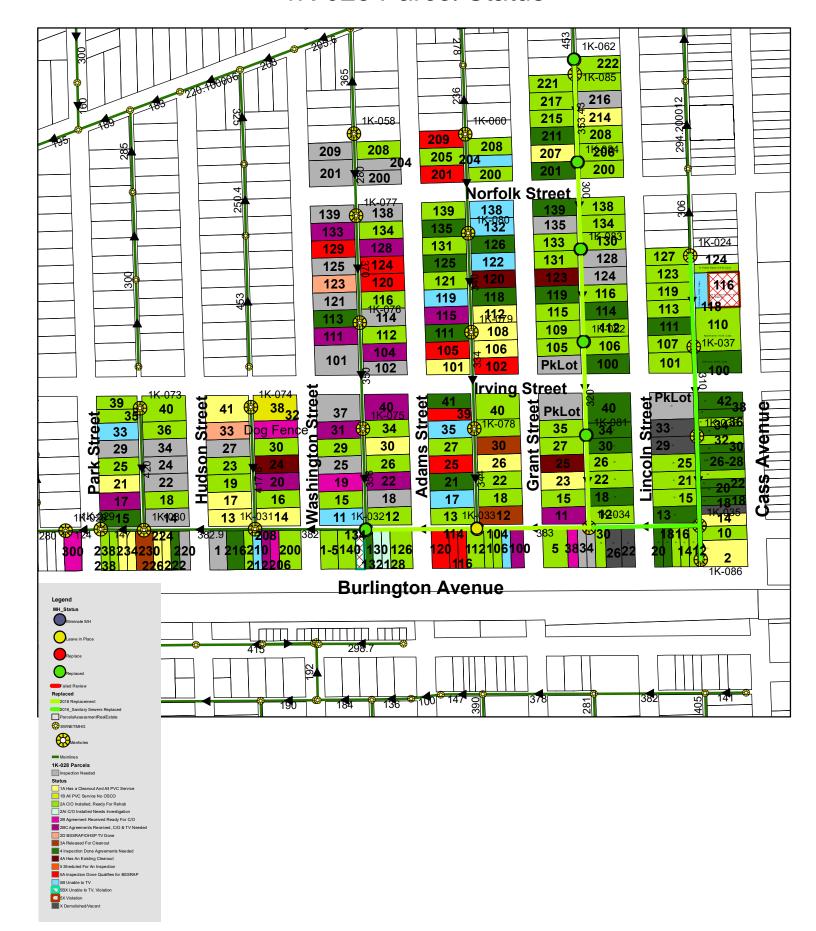
Austin Tyler Construction, Inc. submitted Final Pay Request No.2 this month.

<b>Current Payment Due</b>	\$49,880.23
Less Previous Payments	(\$84,312.90)
Final Contract Value	\$134,193.13
Original Contract Value	\$134,691.00

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



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



#### STATUS OF 1K-028 INSPECTIONS AND AGREEMENT ACQUISITIONS

Category	Inspections Scheduled	Inspections Completed	Application Received	Agreements Signed	Cleanout Installed	Service Rehab Done	Totals	Total as Percentage
1A	Y	Y	N	Y	Υ	N/A	19	8%
1B	Υ	Υ	N	N	N	N/A	1	0%
2A	Υ	Υ	Υ	Υ	Υ	N	81	36%
2B	Υ	Υ	Υ	Υ	Υ	N	17	7%
2D	Υ	Υ	Υ	N	N	N	3	1%
3A	Υ	Υ	Υ	Υ	N	N	4	2%
4	Υ	Υ	N	N	N	N	38	17%
4A	N	N	N	N	N/A	N	4	2%
5	Υ	N	N	N	N	N	0	0%
5A	Υ	Υ	N	N	N	N	12	5%
5AX	Υ	Υ	N	N	N	N	0	0%
5B	Υ	N	N	N	N	N	12	5%
5BX	Υ	N	N	N	N	N	1	0%
0	N	N	N	N	N	N	30	13%
X	-	-	-	-	-	-	5	2%
5X	-	-	-	-	-	-	1	0%
<u>Cate</u>	gory Description	<u>n:</u>					228	100%

#### Category Description:

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

1B - All PVC no Cleanout

2A - Cleanout installed, ready for rehab

2B - Ready for rehab

2D - BSSRAP/OHSP TV done

3A - Released to contractor for cleanout installation

4 - Inspection completed (Program application needed)

4A - Has an existing cleanout

5 - Inspections scheduled

5A - Inspection done - BSSRAP needed (qualifying defects or obstructions seen during TV)

5AX - Violation, BSSRAP needed

5B - Unable to TV

5BX - Unable to TV Violation

0 - Inspection Needed

X - Demolished

5X - Inspection done - Violation not corrected

2015 Basin I&I Ranking = 1

2016 Basin I&I Ranking = 27

2018 Basin I&I Ranking = 6

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

11% Complete

#### DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE: 1/31/2021

							PREVIOUS MONTH				
CASH	I BALANCES				_	TOTAL BALANCE					ļ
ACCOL	UNT NAME	ACCOUNT NUMBER	R	BALANCE PER BANK STATEMENT		PER BANK STATEMENTS	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT PERCENTAGE			!
FLEXI PAYR PETT	URSEMENT IBLE BENEFITS	XXXXXXXX1116 XXXXXXXXX1111 XXXXXXXX6025 XXXXXXXX1117 XXXXXXXXXX1112 XXXXXXXXXX1114		\$914,080.08 200,212.76 6,094.58 156,894.22 2,662.56 4,300.86							
TOTAL	- CASH AT BANK			\$1,284,245.06		\$1,549,523.60	\$176.66	0.0114%			1
	STMENTS 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	EVEDODEEN BANK ODOUD	12 MOS	2/13/2021	\$250.000.00	1.990%	, ,		. ,	, ,	• •	
CD	EVERGREEN BANK GROUP FIRST MIDWEST BANK	12 MOS 13 MOS	2/13/2021 3/15/2021	\$250,000.00 \$250,000.00	1.990%	\$250,000.00 \$100,000.00	\$107,719.45		\$35,260.73	\$7,019.82	\$4,975.00 \$4,035.42
CD	TRISTATE CAPITAL	12 MOS	4/9/2021	\$249,990.00	1.100%	ψ100,000.00	\$249,990.00		ψυυ,Ζυυ. ι υ	Ψ1,019.02	\$2,749.89
CD	ROYAL SAVINGS BANK	13 MOS	7/2/2021	\$250,000.00	0.850%	\$100,000.00	\$150,000.00				\$2,749.89
CD	BMO HARRIS BANK	12 MOS	12/17/2021	\$250,000.00	0.300%	\$250,000.00	ψ100,000.00				\$750.00
OD	DIVIO I IAIXI (10 DAIXIX	12 WOO	12/11/2021	Ψ200,000.00	0.00070	Ψ200,000.00					ψ100.00
TOTAL	CDs			\$1,249,990.00	1.185%	\$700,000.00	\$507,709.45	\$0.00	\$35,260.73	\$7,019.82	\$14,812.39
TYPE	FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT*	CURRENT RATE OF RETURN						ESTIMATED ANNUAL RETURN
MM	AXOS BANK	ONGOING	10/30/2020	\$249,006.40	0.300%	\$249,006.40					\$747.02
MM	BANKFINANCIAL	ONGOING	3/13/2013	\$15,553.00	0.150%	\$15,553.00					\$23.33
MM	CIT BANK	ONGOING	11/9/2016	\$5,000.00	0.050%	\$5,000.00					\$2.50
MM	LIMESTONE BANK	ONGOING	9/9/2013	\$249,999.82	0.300%	\$249,999.82					\$750.00
MM	LISLE SAVINGS BANK	ONGOING	11/10/2020	\$250,009.92	0.400%	\$250,009.92					\$1,000.04
MM	LUANA SAVINGS BANK	ONGOING	10/29/2020	\$249,746.15	0.600%	\$249,746.15					\$1,498.48
MM	ROYAL SAVINGS BANK	ONGOING	12/4/2012	\$154.48	0.000%	\$154.48					\$0.00
MM	STEARNS BANK	ONGOING	9/1/2015	\$250,000.00	0.500%	\$250,000.00					\$1,250.00
MM	TRISTATE CAPITAL BANK	ONGOING	11/9/2016	\$10.00	0.000%		\$10.00				\$0.00
MM	WEST SUBURBAN BANK	ONGOING	11/20/2012	\$5,144.09	0.000%		\$5,144.09				\$0.00
TOTAL	. MM ACCOUNTS			\$1,274,623.86	0.414%	\$1,269,469.77	\$5,154.09	\$0.00	\$0.00	\$0.00	\$5,271.36
ILLINO	IS FUNDS - MONEY MARKET			\$2,820,116.74	0.085%	\$1,400,565.39	\$607,431.89	\$812,119.46	\$0.00	\$0.00	\$2,397.10
TOTAL	- ALL INVESTMENTS			\$5,344,730.60	0.421%	\$3,370,035.16	\$1,120,295.43	\$812,119.46	\$35,260.73	\$7,019.82	\$22,480.85

DDEVIOUS MONTH

TOTAL CASH AND INVESTMENTS

\$6,628,975.66

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



**General Manager** Amy R. Underwood

**Legal Counsel**Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

#### Memo

To: Board of Trustees

From: Amy R. Underwood, General Manager

Date: February 5, 2021

Subject: Treasurer's Report for January 2021

Attached please find the subject report that tracks income and expenses through the ninth month of Fiscal Year 20-21.

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

Year-to-date	Income	Expense
General Fund	\$ 7,407,016.36 (page 1)	\$ 7,306,981.40 (page 6)
Improvement Fund	\$ 94,028.89 (page 7)	\$ 47,685.52 (page 7)
Construction Fund	\$ 196,699.89 (page 8)	\$ 14,403.64 (page 9)
Public Benefit Fund	\$ 398.39 (page 10)	\$ 0.00 (page 10)
TOTAL	\$ 7,695,134.53	\$ 7,369,070.56

C: BOLI, WCC, MGP

Downers Grove Sanitary District Date: 02/04/2021

Treasurer's Report Recap for Month Ending 01/31/21

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Page: 1

Fund	nur	nbe	er & Description	Ending
				Fund Balance
Fund	01	:	GENERAL FUND	\$4,337,943.03
Fund	02	:	IMPROVEMENT FUND	\$1,185,539.37
Fund	03	:	CONSTRUCTION FUND	\$1,215,206.01
Fund	05	:	PUBLIC BENEFIT FUND	\$37,723.37
Recar	) To	ota	als	\$6,776,411.78

DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 1 FUND 01 GENERAL FUND

COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
DEPT 05 REVENUES		=======	=======	=======	:=======	======	======
3000 PROPERTY TAXES	4,009.44-	0	1,255,377.56-	1,254,500-	877.56-	.1	1,254,500-
3001 USER RECEIPTS	259,771.81-	319,218-	2,495,458.83-	2,665,896-	170,437.17	6.4-	3,451,000-
3002 SURCHARGES	30,171.56-	31,250-	243,377.42-	281,250-	37,872.58	13.5-	375,000-
3004 PLAN REVIEW FEES	.00	0	229.95-	1,500-	1,270.05	84.7-	2,000-
3005 CONSTRUCTION INSPECTION FEES	.00	0	.00	360-	360.00	100.0-	500-
3006 PERMIT INSPECTION FEES	892.00-	1,833-	11,726.00-	16,497-	4,771.00	28.9-	22,000-
3007 INTEREST ON INVESTMENTS	1,585.01-	3,167-	18,240.88-	28,503-	10,262.12	36.0-	38,000-
3013 SAMPLING AND MONITORING	9,873.27-	6,042-	79,078.80-	54,374-	24,704.80-	45.4	72,500-
3014 REPLACEMENT TAXES	14,416.48-	9,000-	62,933.67-	55,200-	7,733.67-	14.0	75,000-
3015 MISCELLANEOUS INCOME	265.00-	833-	21,464.01-	7,497-	13,967.01-	186.3	10,000-
3021 TELEVISION INSPECTION	.00	0	.00	150-	150.00	100.0-	150-
3023 PROPERTY LEASE PAYMENTS	.00	2,904-	23,099.30-	26,136-	3,036.70	11.6-	34,850-
3024 MONTHLY SERVICE FEES	337,022.52-	387,355-	3,088,321.04-	3,107,084-	18,762.96	.6-	4,120,800-
3027 GREASE WASTE	14,720.50-	16,667-	107,708.90-	150,003-	42,294.10	28.2-	200,000-
3040 RENEWABLE ENERGY CREDITS	.00	750-	.00	2,250-	2,250.00	100.0-	3,000-
DEPT 05 TOTALS	672,727.59-	779,019-	7,407,016.36-	7,651,200-	244,183.64	3.2- 9	,659,300-
FUND REVENUE TOTAL	672,727.59-	779,019-	7,407,016.36-	7,651,200-	244,183.64	3.2- 9	,659,300-
SECT A SALARIES AND WAGES A001 TRUSTEES	.00	0	13,500.00	13,500	.00	.0	18,000
A002 BOLI	.00	0	.00	675	675.00-	100.0-	900
A003 GENERAL MANAGEMENT	20,582.91	28,694	183,579.32	195,360	11,780.68-	6.0-	244,200
A004 FINANCIAL RECORDS	14,991.82	22,842	152,957.87	155,520	2,562.13-	1.7-	194,400
A005 ADMINISTRATIVE RECORDS	1,740.81	2,973	19,446.18	20,240	793.82-	3.9-	25,300
A006 ENGINEERING	1,056.40	1,451	3,235.24	9,880	6,644.76-	67.3-	12,350
A007 CODE ENFORCEMENT	25,894.02	31,757	288,056.08	297,920	9,863.92-	3.3-	372,400
A008 SAFETY ACTIVITIES	1,655.69	1,780	20,685.55	16,966	3,719.55	21.9	22,250
A030 BUILDING AND GROUNDS	.00	120	872.32	1,144	271.68-	23.8-	1,500
A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE	375.00	0	3,425.00	0	3,425.00	.0	0
SECT A TOTALS	66,296.65	89,617	685,757.56	711,205	25,447.44-	3.6-	891,300
SECT B OPERATIONS AND MAINTENANCE	=	=		=	:========	=====	=
B100 ELECTRICITY	.00	300	2,773.08	3,300	526.92-	16.0-	4,000
B101 NATURAL GAS	140.21	350	520.69	2,100	1,579.31-	75.2-	3,000
B102 WATER, GARBAGE AND OTHER UTILITIES	37.19	190	742.39	1,010	267.61-	26.5-	1,200
B110 BANK CHARGES	1,741.39	1,500	15,350.01	13,500	1,850.01	13.7	18,000
B112 COMMUNICATION	2,038.31	1,608	16,691.58	14,472	2,219.58	15.3	19,300
B113 EMERGENCY/SAFETY EQUIPMENT	497.11	3,500	16,486.90	31,500	15,013.10-	47.7-	42,000
B115 EQUIPMENT/EQUIPMENT REPAIR	5,350.96	6,000	53,657.36	75,000	21,342.64-	28.5-	93,000
B116 SUPPLIES	827.75	625	2,396.68	5,625	3,228.32-	57.4-	7,500
B117 EMPLOYEE/DUTY COSTS	35.52	1,667	3,350.21	15,003	11,652.79-	77.7-	20,000
B118 BUILDING AND GROUNDS	524.00	3,000	19,091.40	29,000	9,908.60-	34.2-	34,000

DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 2 FUND 01 GENERAL FUND

COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	8	BUDGET
B119 POSTAGE	 4.27	 792	2,268.08	7,128	4,859.92-	68.2-	9,500
B120 PRINTING/PHOTOGRAPHY	687.27	300	6,960.72	11,100	4,139.28-	37.3-	12,000
B121 USER BILLING MATERIALS	5,428.95	6,333	50,707.66	56,997	6,289.34-	11.0-	76,000
B124 CONTRACT SERVICES	2,315.00	8,500	36,547.50	76,500	39,952.50-	52.2-	102,000
B137 MEMBERSHIPS/SUBSCRIPTIONS	.00	350	6,842.00	9,670	2,828.00-	29.3-	11,100
SECT B TOTALS	19,627.93	35,015	234,386.26	351,905	117,518.74-	33.4-	452,600
SECT C VEHICLES							
C222 GAS/FUEL	20.21	225	236.85	1,425	1,188.15-	83.4-	2,000
C225 OPERATION/REPAIR	3.64	0	373.66	1,950	1,576.34-	80.8-	2,600
SECT C TOTALS	23.85	225	610.51	3,375	2,764.49-	81.9-	4,600
				=======		======	
DEPT 11 TOTALS	85,948.43	124,857	920,754.33		145,730.67-		1,348,500
DEPT 12 O & M EXPENSES - WWTC							
SECT A SALARIES AND WAGES							
A006 ENGINEERING	2,758.29	4,289	36,389.95	29,200	7,189.95	24.6	36,500
A009 OPERATIONS MANAGEMENT	8,966.76	12,232	74,715.48	83,280	8,564.52-	10.3-	104,100
A010 MAINTENANCE - BUDGET	.00	62,281	.00	424,040	19,109.51-	4.5-	530,050
A011 MAINTENANCE - WWTC	28,609.46	0	258,043.54	0	.00	.0	0
A012 MAINTENANCE - VEHICLES	.00	0	1,134.77	0	.00	.0	0
A013 MAINTENANCE - ENERGY RECOVERY	.00	0	5,108.55	0	.00	.0	0
A014 MAINTENANCE - ELECTRICAL	13,905.98	0	140,643.63	0	.00	.0	0
A020 WWTC - BUDGET	.00	67,727	.00	461,120	8,484.58	1.8	576,400
A021 WWTC - OPERATIONS	30,125.94	0	294,536.66	0	.00	.0	0
A022 WWTC - SLUDGE HANDLING	14,004.74	0	168,958.18	0	.00	.0	0
A023 WWTC - ENERGY RECOVERY	490.40	0	6,109.74	0	.00	.0	0
A030 BUILDING AND GROUNDS	6,803.53	16,139	77,785.44	109,880	32,094.56-	29.2-	137,350
A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE	37.50	0	200.00	0	200.00	.0	0
SECT A TOTALS	105,702.60		1,063,625.94		43,894.06-		1,384,400
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	231.01	8,000	84,776.26	83,000	1,776.26	2.1	109,000
B101 NATURAL GAS	729.45	1,600	2,773.36	6,300	3,526.64-	56.0-	10,000
B102 WATER, GARBAGE AND OTHER UTILITIES	2,086.29	4,750	19,509.26	29,050	9,540.74-	32.8-	36,000
B103 ODOR CONTROL	.00	200	1,217.00	3,300	2,083.00-	63.1-	4,000
B104 FUEL - GENERATORS	200.00	0	473.12	10,500	10,026.88-	95.5-	14,000
B112 COMMUNICATION	739.89	1,667	12,469.50	15,003	2,533.50-	16.9-	20,000
B113 EMERGENCY/SAFETY EQUIPMENT	630.80	792	9,601.18	7,128	2,473.18	34.7	9,500
B116 SUPPLIES	2,846.36	2,692	18,047.85	24,228	6,180.15-	25.5-	32,300
B117 EMPLOYEE/DUTY COSTS	1,094.21	2,100	9,229.95	20,400	11,170.05-	54.8-	26,000
B124 CONTRACT SERVICES	.00	0	209,816.00	209,800	16.00	.0	209,800
B130 NPDES PERMIT FEES	.00	0	53,000.00	53,000	.00	.0	53,000
B131 SLUDGE HAULING/DISPOSAL SERVICES	.00	0	78,671.25	80,000	1,328.75-	1.7-	80,000
B400 CHEMICALS - BUDGET	.00	10,054	.00	90,486	30,693.24-	33.9-	120,650

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DATE	02/04/21	MONTH ENDED 01/31/21
FUND 01	GENERAL FUND	

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
NOMBER DESCRIPTION							
B401 CHEMICALS - DISINFECTION	.00	0	31,578.36	0	.00	.0	0
B402 CHEMICALS - SLUDGE DEWATERING	5,356.35	0	27,023.82	0	.00	.0	0
B404 CHEMICALS - OTHER	1,190.58	0	1,190.58	0	.00	.0	0
B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS	493.14	11,650	119,618.72	190,050	70,431.28-	37.1-	216,126
B502 EQPT/EQPT REPAIR - DISINFECTION	11,602.69	1,293	24,248.26	19,637	4,611.26	23.5	23,511
B503 EQPT/EQPT REPAIR - EXCESS FLOW	13,187.72	707	56,169.98	21,363	34,806.98	162.9	23,487
B504 EQPT/EQPT REPAIR - GRIT REMOVAL	.00	884	2,145.33	16,206	14,060.67-	86.8-	38,859
B505 EQPT/EQPT REPAIR - INFLUENT PUMPING	.00	3,094	766.15	33,846	33,079.85-	97.7-	43,132
B506 EQPT/EQPT REPAIR - PRIMARY TREATMENT	770.59	2,210	7,705.56	38,140	30,434.44-	79.8-	51,020
B507 EQPT/EQPT REPAIR - SECONDARY TREATMENT	18.00	3,315	93,565.56	118,835	25,269.44-	21.3-	141,276
B508 EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	2,635.88	0	409,252.31	500,000	90,747.69-	18.2-	504,244
B509 EQPT/EQPT REPAIR - SLUDGE DEWATERING	1,264.30	101,369	20,983.44	383,020	362,036.56-	94.5-	687,168
B510 EQPT/EQPT REPAIR - SLUDGE DIGESTION	4,031.77	3,625	40,343.25	59,125	18,781.75-	31.8-	99,997
B511 EQPT/EQPT REPAIR - TERTIARY TREATMENT	2,108.00	1,326	2,811.95	19,434	16,622.05-	85.5-	28,414
B512 EQPT/EQPT REPAIR - WWTC GENERAL	732.61	1,043	19,896.93	26,265	6,368.07-	24.3-	35,010
B513 EQPT/EQPT REPAIR - WWTC UTILITIES	135,243.24	40,400	871,633.05	709,450	162,183.05	22.9	795,606
B801 BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS	.00	292	.00	2,628	2,628.00-	100.0-	3,500
B802 BLDG AND GROUNDS - DISINFECTION	373.28	100	16,041.80	29,450	13,408.20-	45.5-	29,811
B803 BLDG AND GROUNDS - EXCESS FLOW	.00	0	8,937.88	3,560	5,377.88	151.1	3,560
B804 BLDG AND GROUNDS - GRIT REMOVAL	.00	88	97.68	792	694.32-	87.7-	1,061
B805 BLDG AND GROUNDS - INFLUENT PUMPING	.00	664	1,292.00	5,976	4,684.00-	78.4-	7,963
B806 BLDG AND GROUNDS - PRIMARY TREATMENT	.00	442	.00	3,978	3,978.00-	100.0-	5,305
B807 BLDG AND GROUNDS - SECONDARY TREATMENT	.00	88	.00	792	792.00-	100.0-	1,061
B809 BLDG AND GROUNDS - SLUDGE DEWATERING	.00	715	14.71	13,435	13,420.29-	99.9-	15,561
B810 BLDG AND GROUNDS - SLUDGE DIGESTION	1,250.17	310	2,504.84	22,790	20,285.16-	89.0-	23,713
B811 BLDG AND GROUNDS - TERTIARY TREATMENT	322.50	567	9,889.85	5,103	4,786.85	93.8	6,805
B812 BLDG AND GROUNDS - WWTC GENERAL	866.47	5,470	128,331.08	194,620	66,288.92-	34.1-	202,019
B813 BLDG AND GROUNDS - WWTC UTILITIES	.00	133	206.19	1,197	990.81-	82.8-	1,591
SECT B TOTALS	190,005.30	211,640	2,395,834.01	3,051,887	656,052.99-	21.5- 3	3,714,050
= SECT C VEHICLES	========						
C222 GAS/FUEL	.00	2,417	8,003.75	21,753	13,749.25-	63.2-	29,000
C225 OPERATION/REPAIR	462.23	667	1,804.97	6,003	4,198.03-	69.9-	8,000
C226 VEHICLE PURCHASES	.00	0	.00	10,000	10,000.00-	100.0-	10,000
		:=======			=========		
SECT C TOTALS	462.23	·	·	·	27,947.28-		·
DEPT 12 TOTALS	•	·			727,894.33-		
DEPT 13 O & M EXPENSES - LABORATORY	========	:=======	========	========	========	=======	
SECT A SALARIES AND WAGES							
A009 OPERATIONS MANAGEMENT	5,547.37	9,664	59,734.55	65,800	6,065.45-	9.2-	82,250
A040 LABORATORY - BUDGET	.00	19,617	.00	133,560	8,559.67-	6.4-	166,950
A041 LAB - WWTC	11,309.52	0	112,817.37	0	.00	.0	0
A042 LAB - PRETREATMENT	2,448.13	0	8,855.06	0	.00	.0	0
A043 LAB - SURCHARGE PROGRAM	.00	0	34.38	0	.00	.0	0
A047 LAB - MICRO	44.77	0	902.48	0	.00	.0	0

DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 4

FUND 01 GENERAL FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
A048 LAB - ENERGY RECOVERY	121.80	0	2,391.04	0	.00	.0	0
SECT A TOTALS	19,471.59	29,281	184,734.88	199,360	14,625.12-	7.3-	249,200
SECT B OPERATIONS AND MAINTENANCE							
B114 CHEMICALS	3,262.45	1,483	10,200.29	13,351	3,150.71-	23.6-	17,800
B115 EQUIPMENT/EQUIPMENT REPAIR	2,641.79	1,333	6,271.44	11,997	5,725.56-	47.7-	16,000
B116 SUPPLIES	943.71 5.92	1,758	10,625.05	15,822	5,196.95-	32.9- 61.4-	21,100
B117 EMPLOYEE/DUTY COSTS B122 MONITORING EQUIPMENT	2,376.00	467 0	1,622.04 2,418.95	4,203 6,750	2,580.96- 4,331.05-	64.2-	5,600 9,000
B123 OUTSIDE LAB SERVICES	1,115.00	1,642	17,277.73	14,778	2,499.73	16.9	19,700
BIZ3 OUISIDE LAB SERVICES		•			2,499.73		
SECT B TOTALS	10,344.87	6,683	48,415.50	66,901	18,485.50-	27.6-	89,200
SECT C VEHICLES							
C222 GAS/FUEL	.00	46	186.01	414	227.99-	55.1-	550
C225 OPERATION/REPAIR	22.50	0	187.34	150	37.34	24.9	200
SECT C TOTALS	22.50	46	373.35	564	190.65-	33.8-	750
					=========		
DEPT 13 TOTALS	29,838.96	36,010	233,523.73	266,825	33,301.27-	12.5-	339,150
= DEPT 14 O & M EXPENSES - SEWER SYSTEM	========	:=======	========	=======	========	=======	======
CROTE A CALADITEC AND MACRO							
SECT A SALARIES AND WAGES	471 46	1 004	F 440 F0	10 000	6 020 40	F.F. 77	15 250
A006 ENGINEERING A050 SEWER MAINTENANCE - BUDGET	471.46	1,804 23,911	5,440.52	12,280 162,800	6,839.48- 17,159.27	55.7- 10.5	15,350 203,500
A051 SEWER MAINTENANCE - BODGET	15,208.07	23,911	168,845.65	102,800	.00	.0	203,300
A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	1,597.21	0	11,113.62	0	.00	.0	0
A060 INSPECTION - BUDGET	.00	28,741	.00	195,681	67,556.69-	34.5-	244,600
A061 INSPECTION - NEW CONSTRUCTION	.00	0	1,096.72	0	.00	.0	0
A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS	3,199.81	0	31,659.32	0	.00	.0	0
A063 INSPECTION - PERMIT INSPECTIONS	577.85	0	7,939.22	0	.00	.0	0
A064 INSPECTION - MISCELLANEOUS	3,845.43	0	21,568.18	0	.00	.0	0
A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES	3,114.45	0	45,539.09	0	.00	.0	0
A066 INSPECTION - CODE ENFORCEMENT	2,958.42	0	20,321.78	0	.00	.0	0
A070 SEWER INVESTIGATIONS - BUDGET	.00	1,204	.00	8,200	7,450.93-	90.9-	10,250
A072 SEWER INVESTIGATIONS	272.40	0	749.07	0	.00	.0	0
A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE	25.00	0	675.00	0	675.00	.0	0
SECT A TOTALS	31,270.10	55,660	314,948.17	378,961	64,012.83-	16.9-	473,700
= SECT B OPERATIONS AND MAINTENANCE		========		=======	=========	=======	
B112 COMMUNICATION	.00	958	4,220.86	8,622	4,401.14-	51.1-	11,500
B113 EMERGENCY/SAFETY EQUIPMENT	833.03	363	3,451.28	3,267	184.28	5.6	4,350
B115 EQUIPMENT/EQUIPMENT REPAIR	.00	4,954	14,808.89	44,586	29,777.11-	66.8-	59,450
B116 SUPPLIES	113.59	333	3,535.07	2,997	538.07	18.0	4,000
B117 EMPLOYEE/DUTY COSTS	740.14	1,125	5,699.05	10,125	4,425.95-	43.7-	13,500
B124 CONTRACT SERVICES	.00	8,750	80,807.50	78,750	2,057.50	2.6	105,000

DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 5

FUND 01 GENERAL FUND

COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
D107 THE TO CHORDIN							
B127 JULIE SYSTEM B128 OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	3,926.58 5,650.00	1,396 4,250	12,297.28 24,333.00	12,564 33,250	266.72- 8,917.00-	2.1-	16,750 43,000
B129 REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE	.00	1,000	3,020.00	9,000	5,980.00-	66.4-	12,000
B900 SEWER SYSTEM REPAIRS - BUDGET	.00	110,000	•	1,300,000	216,416.15-		1,603,600
B901 SEWER SYSTEM REPAIRS - I/I PROGRAM	371.24	0	282,952.19	0	.00	.0	0
B902 SEWER SYSTEM REPAIRS - REPLACEMENT	3,322.50	0	108,880.23	0	.00	.0	0
B903 SEWER SYSTEM REPAIRS - REHABILITATION	15,479.42	0	122,166.89	0	.00	.0	0
B910 SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	56,647.24	0	471,850.64	0	.00	.0	0
B912 SEWER SYSTEM REPAIRS - BSSRAP - NONTARGET I	.00	0	1,227.15	0	.00	.0	0
B913 SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R	.00	0	5,711.16	0	.00	.0	0
B929 ARRA LOAN PRINCIPAL REPAYMENT	.00	0	90,795.59	0	.00	.0	0
SECT B TOTALS	87,083.74	133,129	1,235,756.78	1,503,161	267,404.22-	17.8- 1	1,873,150
SECT C VEHICLES							
C222 GAS/FUEL	.00	2,167	6,052.25	19,503	13,450.75-	69.0-	26,000
C225 OPERATION/REPAIR	127.47	558	3,629.46	5,022	1,392.54-	27.7-	6,700
C226 VEHICLE PURCHASES	.00	0	50,201.00	44,500	5,701.00	12.8	44,500
SECT C TOTALS	127.47	2,725	59,882.71	69,025	9,142.29-	13.2-	77,200
DEPT 14 TOTALS	118,481.31	191,514	1,610,587.66	1,951,147	340,559.34-	17.5- 2	2,424,050
= DEPT 15 O & M EXPENSES - LIFT STATIONS	=======	=======	:========	=======		======	
SECT A SALARIES AND WAGES							
A006 ENGINEERING	173.69	458	233.77	3,120	2,886.23-	92.5-	3,900
A009 OPERATIONS MANAGEMENT	34.38	1,163	34.38	7,920	7,885.62-	99.6-	9,900
A030 BUILDING AND GROUNDS	.00	1,081	258.35	7,360	7,101.65-	96.5-	9,200
A080 LIFT STATION MAINTENANCE	396.88	9,095	10,316.18	61,921	51,604.82-	83.3-	77,400
SECT A TOTALS	604.95	11,797	10,842.68	80,321	69,478.32-	86.5-	100,400
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	8,575.68	10,625	74,571.43	95,625	21,053.57-	22.0-	127,500
B104 FUEL - GENERATORS	.00	0	831.43	3,375	2,543.57-	75.4-	4,500
B112 COMMUNICATION	55.86	500	2,957.39	4,500	1,542.61-	34.3-	6,000
B113 EMERGENCY/SAFETY EQUIPMENT	.00	0	59.00	1,000	941.00-	94.1-	1,000
B116 SUPPLIES	60.55	0	182.56	300	117.44-	39.2-	400
B520 EQPT/EQPT REPAIR - BUTTERFIELD	.00	100	451.47	1,975	1,523.53-	77.1-	2,294
B521 EQPT/EQPT REPAIR - CENTEX	.00	330	103.16	4,045	3,941.84-	97.5-	5,033
B522 EQPT/EQPT REPAIR - COLLEGE	.00	927	4,021.26	9,918	5,896.74-	59.5-	12,697
B523 EQPT/EQPT REPAIR - EARLSTON	.00	100	602.51	1,875	1,272.49-	67.9-	2,183
B524 EQPT/EQPT REPAIR - HOBSON	.00	120	12,828.41	19,947	7,118.59-	35.7-	19,947
B525 EQPT/EQPT REPAIR - LIBERTY PARK	.00	120	1,453.16	3,390	1,936.84-	57.1-	3,748
B526 EQPT/EQPT REPAIR - NORTHWEST	.00	425	103.16	5,425	5,321.84-	98.1-	6,674
B527 EQPT/EQPT REPAIR - VENARD B528 EQPT/EQPT REPAIR - WROBLE	946.04	120 110	2,999.48 558.16	5,040 3,710	2,040.52- 3,151.84-	40.5- 85.0-	5,404 10,472
B528 EQPT/EQPT REPAIR - WROBLE B529 EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	4,475.64	2,260	9,153.59	30,090	20,936.41-	69.6-	36,848

TREASURER'S REPORT

DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 6 FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	8	BUDGET
B820 BLDG AND GROUNDS - BUTTERFIELD	.00	0	1,109.15	0	1,109.15	.0	0
B821 BLDG AND GROUNDS - CENTEX	.00	0	1,125.15	0	1,125.15	.0	0
B823 BLDG AND GROUNDS - EARLSTON	.00	0	1,099.15	0	1,099.15	.0	0
B824 BLDG AND GROUNDS - HOBSON	.00	0	2,213.35	0	2,213.35	.0	0
B825 BLDG AND GROUNDS - LIBERTY PARK	.00	0	1,139.15	0	1,139.15	.0	0
B826 BLDG AND GROUNDS - NORTHWEST	.00	0	1,358.97	25,000	23,641.03-	94.6-	25,000
B827 BLDG AND GROUNDS - VENARD	.00	0	1,125.15	0	1,125.15	.0	0
B828 BLDG AND GROUNDS - WROBLE	.00	0	5,952.15	5,000	952.15	19.0	5,000
B829 BLDG AND GROUNDS - LIFT STATIONS GENERAL	.00	2,142	.00	21,278	21,278.00-	100.0-	27,700
SECT B TOTALS	14,113.77	======== 17.759	125,998.39	241,493	115,494.61-	47.8-	302,400
SECT B TOTALS	•	,	·	•	=======================================		
DEPT 15 TOTALS	14,718.72	29,556	136,841.07	321,814	184,972.93-	57.5-	402,800
	=========				=========	=======	
DEPT 17 O & M EXPENSES - INSURANCE & EMPLOY	YEE BENEFITS						
SECT E INSURANCE AND EMPLOYEE BENEFITS							
E452 LIABILITY/PROPERTY	.00	0	207,068.80	208,000	931.20-	.5-	208,000
E455 EMPLOYEE GROUP HEALTH	39,269.18	42,833	337,419.91	385,497	48,077.09-	12.5-	514,000
E460 IMRF	21,972.56	29,256	221,661.92	247,961	26,299.08-	10.6-	318,000
E461 SOCIAL SECURITY	16,413.07	20,300	169,855.31	180,101	10,245.69-	5.7-	232,000
SECT E TOTALS	77,654.81	92,389	936,005.94	1,021,559	85,553.06- =======	8.4- 1	,272,000
DEPT 17 TOTALS	77,654.81	92,389	936,005.94	1,021,559	85,553.06- =======	8.4- 1	,272,000
DEPT 91 SA EXPENSE							
DEPT 91 TOTALS	.00	0	.00	0	.00	(	)
FUND EXPENSE TOTAL	622,812.36	•			1,518,011.60-		-
FUND 01 TOTALS	49,915.23-	72,699	100,034.96-	1,173,793	1,273,827.96-	108.5- 1	,272,650

DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 7

FUND 02 IMPROVEMENT FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05 REVENUES	========	========	========		=======	
DEFI 03 REVENUES						
3007 INTEREST ON INVESTMENTS	733.87-	1,408-	6,047.80-	12,672-	16,900-	
3010 TRUNK SEWER SERVICE CHARGES	3,237.83-	7,500-	87,981.09-	67,500-	90,000-	
DEPT 05 TOTALS	3,971.70-	8,908-	94,028.89-	80,172-	106,900-	
DEPT 30 CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500 PROJECT BUDGET	.00	0	.00	46,600	93,200	
0515 PAYMENT ON LOAN PRINCIPAL	.00	0	46,595.52	0	0	
= DEPT 30 TOTALS	.00	0	46,595.52	46,600	93,200	
= DEPT 36 CAPITAL EXP - LIBERTY PARK LIFT STAT						
DEPT 36 TOTALS	.00	0	.00	0	0	
DEPT 47 CAPITAL EXP - CENTEX LIFT STATION UP		========	=======		=======	
0502 DESIGN ENGINEERING/ARCHITECTURAL	1,090.00	8,333	1,090.00	24,999	50,000	
DEPT 47 TOTALS	1,090.00	8,333	1,090.00	24,999	50,000	
= DEPT 74 CAPITAL EXP - SEWER - UNSEWERED AREA		========	=======	-=======	=======	
0500 PROJECT BUDGET	.00	0	.00	7,500	7,500	
DEPT 74 TOTALS	.00	0	.00	7,500	7,500	
FUND EXPENSE TOTAL	1,090.00	8,333	47,685.52	79,099	150,700	
= FUND 02 TOTALS	2,881.70-		46,343.37-	1,073-	43,800	======

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DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 8

FUND 03 CONSTRUCTION FUND ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL NUMBER DESCRIPTION MONTH MONTH Y-T-DY-T-D BUDGET REVENUES 59.87- 1,371- 1,446.50- 12,339- 16,450-3007 INTEREST ON INVESTMENTS 3009 SEWER PERMIT FEES 3,248.00- 20,833- 195,253.39- 187,497- 250,000-\_\_\_\_\_\_ 3,307.87- 22,204- 196,699.89- 199,836- 266,450-DEPT 05 TOTALS \_\_\_\_\_\_ DEPT 30 CAPITAL EXP - ARRA - LOAN REPAYMENTS 0 .00 14,450 28,900 0500 PROJECT BUDGET .00 0 14,403.64 0 0515 PAYMENT ON LOAN PRINCIPAL .00 \_\_\_\_\_\_ DEPT 30 TOTALS .00 0 14,403.64 14,450 28,900 \_\_\_\_\_\_ DEPT 31 CAPITAL EXP - WWTC - CHP BIOGAS \_\_\_\_\_\_ 0 .00 0 DEPT 31 TOTALS \_\_\_\_\_\_ DEPT 32 CAPITAL EXP - WWTC - SECOND TURBOBLOWER \_\_\_\_\_\_ .00 0 .00 0 0 DEPT 32 TOTALS \_\_\_\_\_\_ CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING DEPT 33 \_\_\_\_\_\_ DEPT 33 TOTALS .00 0 .00 0 \_\_\_\_\_\_ DEPT 34 CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP \_\_\_\_\_\_ .00 .00 DEPT 34 TOTALS 0 0 0 \_\_\_\_\_\_ DEPT 35 CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2 \_\_\_\_\_\_ .00 0 .00 DEPT 35 TOTALS 0 Ω \_\_\_\_\_\_ 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 02/04/21 MONTH ENDED 01/31/21 PAGE 9

FUND 03 CONSTRUCTION FUND

			ACTUAL	BUDGET				
		COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION		MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
=======								
		==						
DEPT	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	14,403.64	14,450	28,900	
		==		========	=========		========	
FUND	03 TOTALS		3,307.87-	22,204-	182,296.25-	185,386-	237,550-	

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DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 10

FUND 05 PUBLIC BENEFIT FUND

NUMBER	COS'	т	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05	REVENUES		=======	=======	=======	=======	=======	
3007 INTER	EST ON INVESTMENTS		44.91-	46-	398.39-	414-	550-	
DEPT (	05 TOTALS	=	44.91-	46-	398.39-	414-	550-	
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 1	EXPENSE TOTAL	=	.00	0	.00	0	0	
	05 TOTALS	_	44.91-	46-	398.39-	414-	550-	

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

DATE 02/04/21 MONTH ENDED 01/31/21 PAGE 11

FUND 71 SEWER EXTENSIONS ESCROW

FUND 71 TOTALS

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL Y-T-D Y-T-D BUDGET NUMBER DESCRIPTION MONTH MONTH ------3007 INTEREST ON INVESTMENTS 8.92- 0 79.11- 0 0 0 DEPT 05 TOTALS 8.92- 0 79.11-0 \_\_\_\_\_\_ DEPT 92 SEWER EXPENSE \_\_\_\_\_\_ DEPT 92 TOTALS \_\_\_\_\_\_ FUND EXPENSE TOTAL .00

8.92- 0

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

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

79.11-

0

0



General Manager Amy R. Underwood

Legal Counsel Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

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

## QUESTIONNAIRE

What is your	overall impr	ession of this pr	ogram?			
Very W	ell rui	r. Respo	nse a	nd actual	work :	time were
both ver	y qui	Kand Co.	mmum	catron wa	s easy.	Overall
					(	time of stres
		7				
Do you have a	my suggesti	ions or commen	ts on impro	oving the progra	m?	
No						
-						
OPTIONAL	Name:	-				
	Address:	_				
		Downers	Grove	60515		
	Date:					



General Manager Amy R. Underwood

Legal Counsel Michael G. Philipp

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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?
This is one of the most valuable programs
the vellage offers aspecially at a time when
most people one in need of cell the help they
could get -
Do you have any suggestions or comments on improving the program?
From the time I were reformed of the
program to completion the staff @ the
Sandon District was in credible, Took you
so very much for all you did for us -
OPTIONAL Name:
Adden
Addres
Downers Grove, Il 60516
Date: 1-15-2021



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

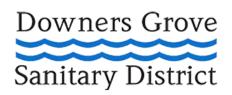
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DOWNERS GROVE SANITARY DISTRICT

Providing a Better Environment for South Central DuPage County

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

## QUESTIONNAIRE



General Manager Amy R. Underwood

**Legal Counsel**Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

January 19, 2021

#### CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Karen Ayala, MPH Executive Director DuPage County Health Department 111 North County Farm Road Wheaton, Illinois 60187

RE: COVID-19 Vaccinations for Water and Wastewater Sector

Dear Ms. Ayala:

As the DuPage County Health Department develops plans for distribution of the COVID-19 vaccine, the Downers Grove Sanitary District asks that our utility staff members receive priority in Phase 1-C. Vaccinating water and wastewater utility staff members is particularly important because, as a lifeline sector, water and wastewater sector services underpin all aspects of society, including hospitals and long-term care facilities. Due to the specialized skills and licenses required for utility operations, and the corresponding challenges in finding replacements for staff members who may become ill or exposed, it is essential to mitigate staff members' COVID-19 risks through all possible means, including vaccinations.

The Downers Grove Sanitary District provides wastewater treatment and collection services to residents in most Downers Grove, part of Westmont, and portions of Woodridge, Lisle, Oak Brook and Darrien. In addition, we provide services for Advocate Good Samaritan Hospital and several assisted and senior living facilities including Lacey Creek Supportive Living, Providence Healthcare & Rehabilitation Center, Saratoga Grove Assisted & Retirement Living, Immanuel Residences, Aspired Living of Westmont, Oak Trace Health Center, Oak Tree Senior, and Beacon Hill. Our services are essential for keeping these facilities operating and for protecting public health.

We have 39 staff members who should be given priority for the vaccine in Phase 1-C. In addition, I ask that two (2) Concentric Integration employees also be given priority for the vaccine in Phase 1-C. Concentric Integration is our consultant who provides system administration and programming for the District's supervisory control and data acquisition

Karen Ayala, MPH January 19, 2021 Page 2 of 2

(SCADA) system which is critical infrastructure that must be maintained in order to keep our wastewater treatment center properly functioning.

I appreciate your consideration of our critical wastewater workers in your vaccine prioritization plans. Please contact me at the number provided above or at <a href="mailto:aunderwood@dgsd.org">aunderwood@dgsd.org</a> if you have any questions or would like to discuss vaccine prioritization for our workers.

Very truly yours,

DOWNERS GROVE SANITARY DISTRICT

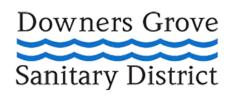
Amy R. Underwood, P.E.

my Eldound

General Manager

cc: DGSD Board of Trustees

Jessie Gwozdz, DGSD Safety Coordinator



**General Manager** Amy R. Underwood

**Legal Counsel**Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

January 25, 2021

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

#### 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 mainline sewer blockage:

<u>Manhole No.</u>	Manhole Location	Overflow Date
1N-025-6	3100 Woodcreek Dr., Downers Grove	January 22, 2021

This overflow, which lasted two and a half hours, was caused a blockage in the main sewer line downstream of the manhole. The blockage was caused by grease, heavy duty rags and plastic. District staff jetted the mainline to remove the blockage and televised afterward to verify it was cleared.

Area tributary to this sewer includes commercial and light industrial discharges. The overflow was barely seeping out of the manhole, and no sewage-related debris surfaced. The overflow went into a storm drain. There is a retention pond next to the storm manhole. The District does not know whether the storm drain discharges directly to Lacey Creek or discharges through the retention pond prior to Lacey Creek. The retention pond is currently covered in ice, and there was no evidence of the ice melting.

We continue with ongoing sewer replacement and rehabilitation efforts to reduce I/I and improve collection system performance, as described in our CMOM. This section of pipe has been placed on the six month preventive maintenance schedule for cleaning.

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 <a href="mailto:aunderwood@dgsd.org">aunderwood@dgsd.org</a>.

Sincerely,
DOWNERS GROVE SANITARY DISTRICT

Amy R. Underwood General Manager

Encl.

cc: 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

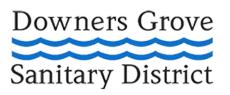
Permittee (Municipality or Facility Name): Downers Grove Sanitary District					ermit Number: _0028380	Person Representing Permittee Who Contacted IEPA: Amy R. Underwood
Date: 01-23-21	Time: 11:39	AM ×	PM	IEPA Office ( Des Plaines	Contacted:	Name of IEPA Employee Contacted:  Jay Patel
Sanitary S	ewer Ove	erflow	or E	ypass Deta	ils	
Date and Dur	ation of Ov	erflow	or Byp	ass Occurrenc	e (complete a se	parate form for each occurrence):
Start Date: 01-22-21	Time: 10:30	AM ×	PM	Duration of th 2 hours and 2		pass (hours and minutes):
Estimated Vo Wastewater Discharged (gallons): Unknown	V\ M		Not ap	uring bypass (r plicable for a co	ollection Loc	eation of the Overflow or Bypass:
Circumsta	nces Cau	using	the (	Overflow or	Bypass (che	ck all that apply)
WPC 733 11/2011		Rain Snow N	/lelt	☐ Power Ou ☐ Broken Se		ment Failure X Other (explain below) spread Flooding
failed. What	caused the	power	outag	e, or what plug	ged the sewer.	bypass occurred. For example, describe what equipment Flooding should only be indicated, as a cause if there is levels, not just localized high water in the street.
Grease, heav	y duty rags	s and p	lastic (	caused a block	age in the sewer	downstream of the manhole which overflowed.

wet weather	(if applicable)							
Date(s) and D	uration of Rainfall							
Start Date:	Time: AM PM	End Date:	Time:	AM PM	Amount	of Rainfall (inches)	Amou (inche	nt of Snow Melt s)
Contributing S	Soil Conditions (sa	turated, frozen	, soil type)					
Where Did	the Discharge	from the O	verflow	or Bypas	s Go?	(check all that	apply)	
If discharge d storm sewer t	oes not enter direct o find the receiving	etly into surface g water.					•	river, lake, or wetland. the path of the ditch o
_	round and absorb me of surface wat							
			Iroino to:					
	wer: Name of su		irains to:	Lacey Cree	ek			
	vater direct discha				-I\ - <b>£</b>  : -	l:		
	t Back-ups, (Num	iber & use (i.e.i	residentiai,	commerci	ai) of build	ings aπected):		
Other, de	scribe:							
	mpleted By	ownsucum sev	ver viii be			ibed in our CMOM.		ct Information
-						-		ot imormation
	on: Amy R. Underv			_		n: Amy R. Underwo	od	
PO Box:	s. 27 10 Curuss 3	•				Manager : 2710 Curtiss St		
City:	Downers Grove	State:	IL	PO E		27 10 Out 133 Ot		
Zip Code:	60515	Phone: 63096		City:		Downers Grove		State: IL
County:	DuPage			Zip C		60515	Phone:	6309690664
				Cour	nty:	DuPage		
	commits a Class					ial statement, oral after conviction is	-	_
Authorized Ro	epresentative Nam	ne (Print)		Title				
Amy R. Unde	rwood			General M	anager			
Amy le	Sound				_	01/25/2021		
//		·			_			

Date

Authorized Representative Signature

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



**General Manager** Amy R. Underwood

**Legal Counsel** Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

January 28, 2021

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

RE: Fiscal Report Form NPDES Permit No. IL0028380

To Whom It Concerns:

Enclosed please find the Downers Grove Sanitary District Fiscal Report Form for NPDES Permittees for fiscal year ending April 30, 2020.

Please contact me if you have any questions.

Sincerely,

DOWNERS GROVE SANITARY DISTRICT

Amy R. Underwood, P.E.

General Manager

Enclosure



## Illinois Environmental Protection Agency

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

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

#### Fiscal Report Form For NPDES Permittees

Please read instructions and return by January 31st.

	Name(s): Down			District								
3.	Fiscal year report	period:	From	05 Month	2019 Year	То	04 Month	2020 Year				
4.	User Rate Class	f Custom I At:		nnual Ch lled At:	narges		Annual Charges Collected At:					
	Residential Rates	9,162										
	Non-Residential I (Industrial/Comm	,064										
	Totals		_2	0,226	,226 \$7,687,122.49				,684.04			
5.	Current residentia	al populat	ion serve	d: 6	5,000	People	e					
6.	Date user rate ad	opted:	03 Month	2020 Year	_	ng: Mont	thly 🗌 Bi-Mon	Quarterly 🗌	Other 🗸			
	Base Rate \$17		_ Per Fir	st0	Ga	llons or		cu.ft., then	\$1.8	_ per		
	(Check one)	1,000 (	gallons o	r 🔲 1	100 cu. ft.							
7.	Using the user ra	te, calcul	ate the m	onthly ho	usehold u	ser chai	rge for 6,0	000 gallons (or 8	300 cu.ft.) usag	je.		
	Household user of	charge: \$	3 27.8	p.	er month	at 6,000	gallons (	or 800 cu.ft.) us	age.			
8.	Annual Revenues	<u> </u>				Annua	ıl Expend	<u>itures</u>				
	User Charges:	\$7,	961,375.0	00	Oper. &	Maintena	ance:	\$8,140,810.00	68,140,810.00			
	Taxes:	\$1,	299,040.0	00	Debt. Re	tirement	t:	\$303,589.00				
	Interest:		\$87,017.0	00	Capital I	nproven	nents: _	\$11,370.00				
	Other:	\$	811,956.0	00	Other:		_					
	Total:		10,159,38	38	Total:		_	\$8,455,769.00				
9.	What account fur Enter the ending								d/or collection?	1		
	Account: Repa	air/Repla	cement	Accour	nt:	Deprecia	ation	Account:	Special Reve	enue		
	Balance:	\$6,185,2	68.00	Balanc	e:			Balance:	\$37,32	25.00		
	Account: Capi	tal Impro	vement	Accour	nt:	Bond	d	Account:				
	Balance:	\$2,172,1	06.00	Balanc	e:			Balance:				
		o If No, e	explain ho	w these o	costs are	paid.						
11.	. In what year was	the last	major cor	struction	project u	ndertake	en?2	<u>1017</u> Year				

12. Estimate the number of years before the next major construction	project is initiated years
13. Signature: Manager  Title: General Manager	Date: <u>Jan 28, 2021</u> Telephone: <u>630-969-0664</u>
Any person who knowingly makes a false, fictitious, or fraudulent ma Illinois EPA commits a Class 4 felony. A second or subsequent offer (415 ILCS 5/44(h))	
Comments	
In further explanation of the answer to Number 12 above, the ne	ext major construction project is currently
underway in FY20-21.	

#### **Personnel**

We have extended an offer for the Sewer System Permit Technician position to an applicant and the applicant accepted. We are currently in the process of having the applicant complete all of the necessary post-offer conditions associated with the offer and position. If successful with fulfilling all conditions, we anticipate the applicant would start on March 1.

#### **COVID-19 Measures**

As an employer, the Downers Grove Sanitary District is required to provide a safe work environment for all its employees. Doing our best to prevent the spread of COVID through our facilities is part of providing that safe work environment. To that end, the District's COVID Preparedness Plan was created and is being updated periodically as guidance from public health officials evolves. As an employee of the District, if you are not following the measures and restrictions required by the COVID Preparedness Plan, that action (or lack of action) will be taken as seriously as it would if you were not following any other safety policy or procedure that the District has in place. A few instances of employees (and in one case a visitor) not following various COVID safety measures have come to my attention in the past few weeks. In each case, the appropriate Supervisor has addressed the issue with the employee or visitor, getting our Safety Coordinator involved when appropriate. I am taking this opportunity to remind all employees that you are responsible for following the COVID Preparedness Plan. With everyone working together, we can provide a safe environment for each other, our customers, and other essential visitors to our facilities.

I also am taking this opportunity to remind all employees of the importance of wearing face masks in preventing the spread of COVID. Face masks are personal protective equipment (PPE). As with all other PPE, face masks need to be fitted properly; they need to always cover the nose and mouth. Unlike other forms of PPE, face masks are necessary not to protect the wearer but to protect others who are exposed to the air breathed out by the wearer. All employees need to make sure that they wear face masks when inside District buildings, even when no one else is in the room or building.

Wastewater treatment and collection facility employees are eligible for the COVID vaccine in Phase 1c. At this time, the DuPage County Health Department estimates that vaccinations for those eligible in Phase 1b will be ongoing for the next twelve weeks. The District will continue to monitor the progress, and you can expect the District to provide more information about getting the COVID vaccination in the weeks and months to come.

If you have been traveling to and are returning from out-of-state, you will be asked to self-quarantine prior to returning to work. In addition, if you travel by air, you will also be asked to self-quarantine prior to returning to work.

#### **Employee Anniversaries**

Congratulations to Carly Shaw for 5 years of service with the District as of January 18!

#### **TopHealth**

The February issue of TopHealth is enclosed.

#### Sewer Rehabilitation/Infiltration and Inflow Removal

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

#### **Status of Projects**

1) 001 Outfall Pipe Repair

Baxter & Woodman has submitted the revisions to the plans and specifications for District staff review.

2) Composting Pilot

The fourth compost heap was rebuilt today.

3) CHP #1 Replacement

Start-up and commissioning are ongoing.

4) Centex Lift Station Replacement

Survey work and soil borings are complete. Baxter & Woodman has begun preparing the plans and specifications.

5) 1K-028 Basin Rehabilitation Phase 3

Survey work and soil borings are in process.

# DOWNERS GROVE SANITARY DISTRICT 2020 LIFT STATION PERFORMANCE REPORT

#### DOWNERS GROVE SANITARY DISTRICT 2020 LIFT STATION PERFORMANCE REPORT

TO: Board of Trustees

FROM: Amy R. Underwood

General Manager

DATE: February 4, 2021

#### 2020 KEY OPERATIONAL NUMBERS

Total Flow to WWTC: 4,043,610,000 gallons

Average Daily Flow: 11.08 MGD

Precipitation Total for 2020: 39.63"

#### **DISTRICT LIFT STATION FLOWS (TABLE 1)**

The total flow through all nine lift stations throughout the District was 1,968,750,000 gallons, which equates to 48.7% of the total flow that came to the WWTC. Table 1 provides the monthly flow totals in MG (million gallons) for each Lift Station for 2020.

#### ENERGY PRICES (TABLES 2 & 3)

All of the Lift Stations get two energy bills a month, one from ComEd for distribution services and the other from the contracted energy supplier. For most of 2020, the supply contractor was Direct Energy. Table 2 breaks down the monthly ComEd cost, which is based largely on peak use for the month. Table 3 breaks down the monthly supply cost, which is a product of the contracted supply price and the total electric use for the month.

#### LIFT STATION kWh TOTALS (TABLE 4)

The total amount of energy each Lift Station uses is taken from the electric bills. That value is expressed in kWh (kilowatt hour), which is broken down monthly for each Lift Station in Table 4.

#### LIFT STATION WORK ORDER EXPENSES (TABLE 5)

Table 5 provides a breakdown of the MP2 maintenance, repair and upgrade expenses for each Lift Station for 2020. The Lift Station General category is designated for repairs and preventative maintenance for the portable emergency generators as well as portable pumping equipment.

#### **SUMMARY**

Notable maintenance and repair projects are described below.

In January, a new Motor Control Center (MCC) was procured for the Earlston Lift Station, with installation in September. All of the work was conducted by our in-house electrians.

Similar to what was done to Earlston Pump No.1 in December of 2019, Earlston Pump No.2 was overhauled in February. Work on the pump included new bearings, grease seals, shaft sleeve, mechanical seal and impeller.

In May, we received notice of a loud sound coming from the Hobson Lift Station. It was found that the emergency generator at the station was exercising in the middle of the night instead of its usual day time cycle. The PLC clock and several parts were not working correctly; these issues were addressed, and there have been no additional noise complaints about the station.

In July, Hobson Pump No.2 was taken out of service for a vibration alarm. The motor shaft was broken and was sent to Rainbow Electric to be repaired. In the following months, the shaft was returned both with the shaft too short and too long. The pump was placed back in service in October with no further issues.

The Venard Lift Station had two Force Main breaks this year, one in August and one in December. Uno Construction completed both repairs. Investigations in replacing the dual force main is ongoing.

Each Lift Station with an underground metal structure has a Cathodic Protection System. In December, the system at Hobson failed. The cause of the premature depletion of anodes is still being investigated. The issue is projected to be fixed in the coming months.

TABLE 1
LIFT STATION FLOWS (MILLION GALLONS PER MONTH)
2020

MONTH	BUTTERFIELD	CENTEX	COLLEGE	EARLSTON	HOBSON	LIBERTY PARK	NORTHWEST	VENARD	WROBLE
JANUARY	4.53	4.44	11.87	13.37	97.10	8.82	49.33	14.41	17.08
FEBRUARY	4.09	3.51	7.95	9.56	76.50	6.42	39.16	11.14	13.67
MARCH	4.06	4.09	7.36	13.13	89.74	8.15	43.48	13.02	16.51
APRIL	3.27	3.87	5.04	12.20	86.45	7.88	40.01	12.01	16.25
MAY	4.36	5.50	7.35	18.42	120.12	11.83	56.02	20.32	20.44
JUNE	3.51	2.15	4.45	7.06	60.86	4.93	32.36	10.50	12.65
JULY	3.91	2.03	4.77	5.76	61.25	4.54	31.36	10.19	12.82
AUGUST	3.42	1.61	4.03	4.32	49.46	3.21	25.01	8.19	10.07
SEPTEMBER	3.68	1.76	4.49	5.09	53.75	3.85	27.88	8.21	10.60
OCTOBER	3.97	2.26	6.75	5.90	62.71	4.46	30.46	8.71	12.75
NOVEMBER	3.50	2.19	5.25	6.11	58.46	4.37	28.28	8.85	12.00
DECEMBER	3.82	3.03	6.60	8.75	72.46	5.63	30.60	9.37	13.95
TOTAL	46.12	36.44	75.91	109.67	888.86	74.09	433.95	134.92	168.79

TABLE 2
COMED ENERGY DISTRIBUTION SERVICES COSTS
2020

MONTH	BUTTERFIELD	CENTEX	COLLEGE	EARLSTON	HOBSON	LIBERTY PARK	NORTHWEST	VENARD	WROBLE
JANUARY	\$123.99	\$83.76	\$331.67	\$201.69	\$1,228.78	\$268.95	\$744.51	\$372.15	\$433.07
FEBRUARY	\$124.47	\$100.09	\$222.84	\$182.63	\$1,065.65	\$242.93	\$1,106.77	\$321.91	\$657.32
MARCH	\$125.38	\$84.50	\$269.11	\$202.80	\$1,339.32	\$273.02	\$830.91	\$351.94	\$419.19
APRIL	\$106.18	\$79.62	\$233.84	\$188.07	\$1,225.92	\$252.20	\$693.81	\$305.62	\$415.03
MAY	\$133.15	\$125.78	\$589.14	\$398.01	\$3,032.08	\$579.33	\$1,349.72	\$674.62	\$646.04
JUNE	\$136.09	\$106.72	\$430.91	\$357.76	\$2,325.44	\$538.72	\$1,454.71	\$308.08	\$535.95
JULY	\$145.47	\$59.65	\$547.80	\$150.14	\$1,236.03	\$231.41	\$911.14	\$389.05	\$437.47
AUGUST	\$100.61	\$53.55	\$148.16	\$90.53	\$901.20	\$226.85	\$497.80	\$325.06	\$364.97
SEPTEMBER	\$122.02	\$58.76	\$165.28	\$125.16	\$1,077.29	\$198.19	\$520.33	\$248.35	\$399.28
OCTOBER	\$106.46	\$56.92	\$142.10	\$132.14	\$928.66	\$158.37	\$506.92	\$207.31	\$439.05
NOVEMBER	\$123.61	\$83.31	\$337.06	\$192.74	\$2,137.12	\$256.31	\$915.91	\$325.08	\$521.98
DECEMBER	\$125.54	\$154.76	\$440.20	\$194.16	\$1,318.56	\$523.14	\$669.28	\$323.52	\$453.65
TOTAL	\$1,472.97	\$1,047.42	\$3,858.11	\$2,415.83	\$17,816.05	\$3,749.42	\$10,201.81	\$4,152.69	\$5,723.00

TABLE 3
CONTRACTED ENERGY SUPPLY COSTS
2020

MONTH	BUTTERFIELD	CENTEX	COLLEGE	EARLSTON	HOBSON	LIBERTY PARK	NORTHWEST	VENARD	WROBLE
JANUARY	\$143.95	\$75.93	\$382.84	\$248.91	\$1,733.39	\$278.66	\$1,186.34	\$445.93	\$674.01
FEBRUARY	\$152.76	\$87.69	\$350.48	\$247.68	\$1,577.73	\$284.64	\$1,144.38	\$383.13	\$576.02
MARCH	\$140.08	\$77.08	\$319.26	\$212.77	\$1,465.15	\$240.11	\$1,004.73	\$351.48	\$556.41
APRIL	\$114.55	\$71.13	\$296.22	\$195.60	\$1,354.05	\$226.91	\$874.76	\$323.27	\$506.33
MAY	\$68.62	\$54.23	\$297.17	\$170.71	\$1,385.51	\$141.27	\$847.02	\$373.73	\$488.64
JUNE	\$125.55	\$73.00	\$322.38	\$202.14	\$1,677.20	\$261.99	\$1,018.15	\$316.44	\$561.81
JULY	\$136.32	\$48.78	\$275.37	\$138.65	\$1,630.29	\$190.82	\$978.53	\$362.73	\$606.40
AUGUST	\$125.99	\$44.29	\$215.89	\$110.22	\$1,457.89	\$152.45	\$853.35	\$285.52	\$575.47
SEPTEMBER	\$129.58	\$44.57	\$206.62	\$114.85	\$1,632.31	\$154.88	\$860.53	\$294.14	\$587.97
OCTOBER	\$119.30	\$41.81	\$193.65	\$106.15	\$1,310.80	\$142.86	\$787.43	\$260.63	\$518.84
NOVEMBER	\$132.09	\$52.49	\$225.62	\$142.31	\$1,559.72	\$175.69	\$984.13	\$291.69	\$626.87
DECEMBER	\$148.20	\$63.47	\$256.20	\$184.37	\$1,563.64	\$212.33	\$961.26	\$372.29	\$611.11
TOTAL	\$1,536.99	\$734.47	\$3,341.70	\$2,074.36	\$18,347.68	\$2,462.61	\$11,500.61	\$4,060.98	\$6,889.88

TABLE 4
LIFT STATION TOTAL ELECTRICITY USAGE kWh
2020

MONTH	BUTTERFIELD	CENTEX	COLLEGE	EARLSTON	HOBSON	LIBERTY PARK	NORTHWEST	VENARD	WROBLE
JANUARY	3,992	2,234	7,920	6,680	44,970	7,440	30,471	12,120	18,505
FEBRUARY	3,864	2,254	7,320	6,672	40,566	7,560	31,595	10,320	15,950
MARCH	3,793	2,054	6,720	5,918	39,250	6,480	28,085	9,780	16,150
APRIL	3,012	2,057	6,720	5,866	39,570	6,720	25,753	9,660	15,812
MAY	2,996	2,158	7,200	6,116	46,205	7,200	26,579	13,140	16,202
JUNE	3,202	2,167	8,100	6,080	55,388	8,040	32,374	8,280	18,089
JULY	3,168	1,245	6,420	3,440	40,012	4,680	23,486	8,400	16,650
AUGUST	2,706	1,042	3,960	2,280	31,808	3,120	17,695	5,940	14,575
SEPTEMBER	2,758	1,038	3,720	2,377	38,479	3,120	17,479	6,180	14,927
OCTOBER	3,118	1,204	4,020	2,690	32,272	3,480	18,704	6,000	15,494
NOVEMBER	3,195	1,486	4,800	3,781	36,115	4,320	22,686	6,780	16,955
DECEMBER	3,618	1,848	5,580	5,276	38,130	5,520	22,956	8,760	16,634
TOTAL	39,422	20,787	72,480	57,176	482,765	67,680	297,863	105,360	195,943

TABLE 5
LIFT STATION WORK ORDER EXPENSES FROM MP2
2020

MONTH	BUTTERFIELD	CENTEX	COLLEGE	EARLSTON	HOBSON	LIBERTY PARK	NORTHWEST	VENARD	WROBLE	LIFT STATION GENERAL
JANUARY	\$479.65	\$263.86	\$505.67	\$13,511.73	\$1,627.15	\$512.46	\$482.21	\$1,406.33	\$323.43	\$0.00
FEBRUARY	\$0.00	\$90.69	\$0.00	\$0.00	\$545.62	\$0.00	\$0.00	\$0.00	\$0.00	\$814.97
MARCH	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
APRIL	\$0.00	\$0.00	\$436.19	\$16.40	\$0.00	\$0.00	\$0.00	\$49.20	\$0.00	\$0.00
MAY	\$541.60	\$388.97	\$132.13	\$132.13	\$388.97	\$645.81	\$645.81	\$936.84	\$388.97	\$0.00
JUNE	\$0.00	\$0.00	\$0.00	\$0.00	\$5,116.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
JULY	\$0.00	\$76.67	\$0.00	\$0.00	\$76.67	\$76.67	\$11.67	\$76.67	\$647.17	\$0.00
AUGUST	\$0.00	\$0.00	\$0.00	\$0.00	\$1,467.68	\$4,365.00	\$0.00	\$12,646.71	\$0.00	\$31.82
SEPTEMBER	\$159.37	\$98.12	\$0.00	\$159.37	\$318.74	\$0.00	\$0.00	\$0.00	\$98.12	\$92.04
OCTOBER	\$0.00	\$0.00	\$51.75	\$25,116.27	\$35.00	\$0.00	\$0.00	\$51.75	\$5,093.00	\$453.33
NOVEMBER	\$0.00	\$294.68	\$0.00	\$0.00	\$11,524.06	\$442.02	\$442.02	\$294.68	\$442.02	\$210.77
DECEMBER	\$0.00	\$0.00	\$0.00	\$0.00	\$3,440.00	\$0.00	\$0.00	\$5,473.11	\$0.00	\$603.77
TOTAL	\$1,180.62	\$1,212.99	\$1,125.74	\$38,935.90	\$24,539.90	\$6,041.96	\$1,581.71	\$20,935.29	\$6,992.71	\$2,206.70