

DOWNERS GROVE SANITARY DISTRICT  
GENERAL MANAGER'S REPORT  
September 11, 2020

September Board Meeting

Copies of the following items are enclosed for the September 15, 2020 meeting:

- 1) Proposed Agenda
- 2) Minutes of the August 18, 2020 regular meeting
- 3) Minutes of the August 18, 2020 executive session (*confidential under separate cover*)
- 4) Approval of 2020 Paving Contract Change Order No. 1
- 5) Claim Ordinance 1893
- 6) Memo re: Northwest Lift Station Solar Power Purchase Agreement Amendment No. 3
- 7) Fiscal Year 2019-20 Audit Report
- 8) Memo re: Special October Board Meeting Date

BOLI Meeting

There is a no BOLI meeting scheduled this month.

Operations Reports

Copies of the following are enclosed for August 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 August 31, 2020 is enclosed.

The Treasurer's Report for August 2020 covering the first four months of FY 20-21 is included here, along with a summary cover memo.

## Meetings

I attended the following meetings since the August 14, 2020 General Manager's report:

- August 26 attended DRSCW meeting. Larry also attended.
- August 28 and September 3 attended DRSCW permit holders meetings to discuss proposed NPDES Special Condition language and Special Assessment extension.
- September 9 attended CSWEA Executive Committee meeting.
- September 10 attended CSWEA Local Arrangements Committee meeting.

## Miscellaneous

Copies of the following items are enclosed:

- 1) General Manager's Reports to the Employees dated August 28 and September 11

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

**DOWNERS GROVE SANITARY DISTRICT  
BOARD OF TRUSTEES MEETING  
SEPTEMBER 15, 2020 – 7:00 PM**

**PROPOSED AGENDA**

- I. APPROVAL OF MINUTES
  - A. REGULAR MEETING – AUGUST 18, 2020
  - B. EXECUTIVE SESSION – AUGUST 18, 2020
- II. APPROVAL OF 2020 PAVING CONTRACT CHANGE ORDER NO. 1
- III. APPROVAL OF CLAIM ORDINANCE NO. 1893
- IV. PUBLIC COMMENT
- V. OLD BUSINESS
  - A. SOLAR POWER PURCHASE AGREEMENT AMENDMENT NO. 3
- VI. NEW BUSINESS
  - A. FISCAL YEAR 2019-20 AUDIT REPORT
  - B. SPECIAL OCTOBER BOARD MEETING DATE

**PLEASE NOTE:**

The District will hold this meeting physically at its Administration Center at 2710 Curtiss Street, Downers Grove, IL 60515 at 7:00 p.m. on September 15, 2020. A maximum of 15 individuals will be permitted in the building due to current safety guidelines. In the event the Public wishes to virtually attend this meeting, they may do so using the link or phone numbers provided below:

When: Sep 15, 2020 07:00 PM Central Time (US and Canada)  
Topic: September Board of Trustees Meeting

LINK for Livestreamed Meeting via Zoom:

<https://us02web.zoom.us/j/87049479748?pwd=OFovRFp2Mk8ybjVhVk5pOEM0OXhtUT09>

Password: 581045

Or iPhone one-tap :

US: +13126266799,, 87049479748#,,,,,0#,,581045# or  
+13017158592,,87049479748#,,,,,0#,,581045#

Or Telephone:

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

US: +1 312 626 6799 or +1 301 715 8592 or +1 646 558 8656 or +1 669 900 9128 or +1 253 215 8782 or  
+1 346 248 7799  
Webinar ID: 870 4947 9748  
Passcode: 581045

**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 September 15, 2020. 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, August 18, 2020, 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, Trustee Amy S. Sejnost, and Trustee Paul W. Coultrap, General Manager Amy R. Underwood, Staff Engineer Alex M. Bielawa and Attorney Michael G. Philipp. Administrative Supervisor W. Clay Campbell attended by phone.

### Minutes of Regular Meeting – July 21, 2020

A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the minutes of the regular meeting held on July 21, 2020 as presented and authorizing the President and Clerk to sign same. The motion carried.

### Minutes of Executive Session – July 21, 2020

A motion was made by Trustee Sejnost seconded by Trustee Coultrap approving the minutes of the executive session held on July 21, 2020 as presented and authorizing the President and Clerk to sign same. The motion carried.

### Claim Ordinance No. 1892

A motion was made by Trustee Sejnost seconded by Trustee Coultrap adopting Claim Ordinance No. 1892 in the total amount of \$820,868.93 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:

### FY19-20 Budget Adjustment – Overhead Sewer Program

General Manager Underwood explained that the District's current fiscal year line item budget for its Cost Reimbursement Program for the Installation of Overhead Sewers or Backflow Prevention Devices was going to be exhausted due to an uptick in the number of residents participating in the program as compared to the previous fiscal year. General Manager Underwood recommended the District increase the budget line item for the Program by \$28,000 in order to predictably cover anticipated program participants through the remainder of the current fiscal year. A motion was made by Trustee Sejnost seconded by Trustee Coultrap approving of the budget line item increase for budget code 01-14.B128 (Fund 01, Cost Reimbursement Program for the Installation of Overhead Sewers or Backflow Prevention Devices) from the original budgeted amount of \$15,000 to \$43,000 for Fiscal Year 19-20 by reducing the budget line item for budget code 01-14.B900 (Fund 01, Sewer System Repairs) by \$28,000. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.).

## New Business:

### Sewer Televising Contract Award

General Manager Underwood reviewed the bids received on June 11 for the 2020 Sanitary Sewer Televising Contract. Eight bids were received. She recommended that the contract be awarded to the lowest responsible, responsive bidder Sewertech LLC of Schaumburg, Illinois in the amount of \$84,422.50. A motion was made by Trustee Coultrap seconded by Trustee Sejnost to award the contract for the 2020 Sanitary Sewer Televising Contract to the lowest responsible, responsive bidder Sewertech LLC of Schaumburg, Illinois in the amount of \$84,422.50 and to authorize the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

### Outfall Sewer Project Bid

General Manager Underwood reviewed the bid opening of the District's Outfall Sewer Project held on June 11. Four bids were received. The identified lowest responsible, responsive bidder was Copenhagen Construction, Inc. with a bid amount of \$358,603. After the District's engineer had recommended award of the District's project to Copenhagen Construction, Inc., a letter was received from Copenhagen Construction, Inc. indicating their bid was deficient due to a clerical error and requested that the District return their bid bond. District staff negotiated with Copenhagen Construction, Inc. for the return of their bid bond in exchange for a reimbursement payment to cover the costs of the District rebidding this project sometime in the future. District staff identified those costs at \$9,500. It is anticipated that the District will rebid this project during the 2021-2022 fiscal year. This item was provided to the Board for informational purposes only.

### Additional 2020 Paid Holiday - General Election Day

General Manager Underwood presented recent legislation that passed into law with an effective date of June 16, 2020 establishing that all government offices, with the exception of election authorities, shall be closed on November 3, 2020 in observance of a 2020 General Election Day Holiday. Staff requested the Board take action to add the day to the District's list of observed holidays in 2020. A motion was made by Trustee Sejnost and seconded by Trustee Coultrap to add the 2020 General Election Day Holiday to the District's list of recognized holidays to be observed on Tuesday, November 3, 2020. The motion carried. (Votes recorded: Ayes – Van Buren, Sejnost and Coultrap.)

### Review of Prior Executive Session Minutes

The Board reviewed the minutes of executive sessions held on January 21, 2020 and February 11, 2020, which have not previously been made available for public inspection or not previously reviewed. A motion was made by Trustee Coultrap seconded by Trustee Sejnost determining that the need for confidentiality no longer exists as to the executive session minutes of January 21, 2020 and February 11, 2020. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.) A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving destruction of the verbatim record of the executive session held on September 10, 2018, December 10, 2018, and January 15, 2019 as provided by state statute. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

## Executive Session – Personnel

A motion was made by Trustee Sejnost seconded by Trustee Coultrap to recess the regular meeting and convene an executive session at 7:30 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the performance 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 adjourn the executive session at 7:43 p.m. The motion carried. (Votes recorded: Ayes- Van Buren, Sejnost and Coultrap.)

## Other New Business

Trustee Van Buren welcomed Kimberly Giardini into her new role as a Permit Technician with the District and also welcomed Stephanie Cioni as the District's new Laboratory Analyst. Trustee Van Buren inquired about the current status of collections on delinquent user accounts related to the current COVID-19 pandemic. He also noted issues with the Hobson Lift Station pump being worked on by Rainbow Electric. He asked Staff Engineer Bielawa when Phase 3 of the District's biosolids composting pilot project would commence. Finally, he wanted to commend staff for their efforts at repairing a force main break at Venard Lift Station in early August.

Trustee Coultrap expressed congratulations to Information Coordinator Alyssa Caballero for the birth of her second child. He also welcomed Kimberly Giardini into her new role as a Permit Technician with the District and welcomed Stephanie Cioni as the District's new Laboratory Analyst. He inquired if District staff had experienced continued compliance challenges with mandating employees to wear masks at District facilities. He commented to Staff Engineer Bielawa that he appreciated the pictures of the District's painting services contract work included in his monthly Engineering Report. Finally, he inquired if there was any damage to District facilities due to a recent early August storm.

Trustee Sejnost welcomed Kimberly Giardini into her new role as a Permit Technician with the District and welcomed back Stephanie Cioni as the District's new Laboratory Analyst. She commended staff on the recent installation of five new automatic external defibrillator (AED) units throughout the District's Administration Center and Wastewater Treatment Center. She inquired if staff would be installing new signage in buildings that contain the units in order to identify where the resources can be found by employees and visitors. Administrative Supervisor Campbell also explained that the three AED units that were being replaced were being repurposed as mobile units in three specific District vehicles. She also thanked Staff Engineer Bielawa for the very detailed Engineering Report with pictures as it helps the understanding of the work being completed. She noted the Hobson Lift Station pump was 3/16" too short and would need to be corrected, the CHP radiator fans and other maintenance items that needed repair, and also expressed the importance of employees following the work-mandated mask rule. She finished by wishing for employees to stay safe and have patience during these times.

A motion was made by Trustee Coultrap seconded by Trustee Sejnost to adjourn the regular meeting at 7:44 p.m. The motion carried.

Approved: September 15, 2020

\_\_\_\_\_  
President

Attest: \_\_\_\_\_  
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*



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**General Manager**  
Amy R. Underwood

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

**Memo**

To: Amy Underwood, General Manager  
From: Alex Bielawa, Staff Engineer  
Date: September 10, 2020  
Subject: Change Order No.1 for 2020 Paving

This project is now complete. The contractor, Meyer Paving, Inc., resurfaced the main road and the south side of the sludge drying pad as well as repairing portions of the road near the Big Top and the Belt Press Building.

Several of the quantities identified in the original contract needed to be changed in the field in order to complete the project.

This change order identifies those changes to the contract in writing. I prepared the attached change order, identifying the net contract cost increase of \$6,391.53.

The resulting final contract cost of \$104,039.23 is under the amount budgeted for this work of \$115,000.

I recommend Staff seek approval from the Board of Trustees for Change Order 1 to the 2020 Paving Contract with Meyer Paving, Inc. for a net increase in contract cost of \$6,391.53. The final payment to the contractor, including this change order amount, is included in Claim Ordinance 1893.

C: WDVb, AES, PWC, KJR, RTJ, MJS, JPB, MRM, WCC, MGP

CHANGE ORDER NO. 1 FINAL

PROJECT: DGSD 2020 Paving

DATE OF ISSUANCE: 08-31-2020

OWNER: Downers Grove Sanitary District CONTRACTOR: Meyer Paving, Inc.

You are directed to make the following changes in the Contract Documents:

Description: Balancing and Final Accounting of Contract Quantities.

Attachments: Invoice excerpt showing final quantities additions and subtractions

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$ 97,647.70

Current Contract Price: \$ 97,647.70

Net increase of this Change Order: \$ 6,391.53

Contract Price with this Change Order: \$ 104,039.23

PREPARED BY: Alex M. Bielawa  
Alex M. Bielawa, Staff Engineer

APPROVED: \_\_\_\_\_  
Amy R. Underwood, General Manager

ACCEPTED:   
Meyer Paving, Inc. (DAVID MEYER)

RECOMMENDED BY: Alex M. Bielawa  
Alex M. Bielawa, Staff Engineer

Downers Grove, Illinois

Date: September 15, 2020

Claim Ordinance No. 1893

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 **\$657,360.47** being in words and figures as follows:

## GENERAL LEDGER RECAP

DATE 08/18/20

PERIOD END 08/15/20

PAGE 4

Payroll Ending Date: 08/15/20

Payroll Paid Date: 08/18/20

GL Date: 09/30/20

| G/L NUMBER | COST DESCRIPTION                            | DEBIT    | CREDIT    |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT                      |          | 21315.67- |
| 01-00.2000 | FEDERAL TAX WITHHELD                        |          | 3145.13-  |
| 01-00.2001 | STATE TAX WITHHELD                          |          | 1423.19-  |
| 01-00.2002 | SOCIAL SECURITY WITHHELD                    |          | 2366.76-  |
| 01-00.2003 | IMRF WITHHELD                               |          | 1392.19-  |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION   |          | 841.78-   |
| 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      |          | 213.07-   |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD             |          | 77.06-    |
| 01-11.A003 | GENERAL MANAGEMENT                          | 9534.94  |           |
| 01-11.A004 | FINANCIAL RECORDS                           | 314.26   |           |
| 01-11.A005 | ADMINISTRATIVE RECORDS                      | 78.81    |           |
| 01-11.A007 | CODE ENFORCEMENT                            | 8226.12  |           |
| 01-11.A008 | SAFETY ACTIVITIES                           | 52.22    |           |
| 01-12.A009 | OPERATIONS MANAGEMENT                       | 4325.65  |           |
| 01-12.A011 | MAINTENANCE - WWTC                          | 3769.83  |           |
| 01-12.A014 | MAINTENANCE - ELECTRICAL                    | 87.22    |           |
| 01-12.A021 | WWTC - OPERATIONS                           | 139.53   |           |
| 01-12.A023 | WWTC - ENERGY RECOVERY                      | 68.05    |           |
| 01-12.A030 | BUILDING AND GROUNDS                        | 492.96   |           |
| 01-13.A009 | OPERATIONS MANAGEMENT                       | 3068.45  |           |
| 01-13.A042 | LAB - PRETREATMENT                          | 973.84   |           |
| 01-15.A030 | BUILDING AND GROUNDS                        | 57.96    |           |
| 01-15.A080 | LIFT STATION MAINTENANCE                    | 376.49   |           |
|            |   | 31566.33 | 31566.33- |

## GENERAL LEDGER RECAP

DATE 08/27/20

PERIOD END 08/22/20

PAGE 6

Payroll Ending Date: 08/22/20

Payroll Paid Date: 08/28/20

GL Date: 09/30/20

| G/L NUMBER | COST DESCRIPTION                            | DEBIT    | CREDIT    |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT                      |          | 51274.48- |
| 01-00.2000 | FEDERAL TAX WITHHELD                        |          | 8904.85-  |
| 01-00.2001 | STATE TAX WITHHELD                          |          | 3696.48-  |
| 01-00.2002 | SOCIAL SECURITY WITHHELD                    |          | 6134.71-  |
| 01-00.2003 | IMRF WITHHELD                               |          | 3551.59-  |
| 01-00.2013 | CREDIT UNION WITHHELD                       |          | 2214.31-  |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION   |          | 3379.37-  |
| 01-00.2017 | VOLUNTARY GROUP LIFE                        |          | 208.00-   |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL         |          | 309.65-   |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE  |          | 192.31-   |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION |          | 902.71-   |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX   |          | 337.80-   |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA      |          | 288.63-   |
| 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                          | 308.65   |           |
| 01-11.A004 | FINANCIAL RECORDS                           | 7085.20  |           |
| 01-11.A005 | ADMINISTRATIVE RECORDS                      | 861.67   |           |
| 01-11.A006 | ENGINEERING                                 | 528.20   |           |
| 01-11.A007 | CODE ENFORCEMENT                            | 4877.28  |           |
| 01-11.A008 | SAFETY ACTIVITIES                           | 1242.97  |           |
| 01-11.A090 | WORK FROM HOME REIMBURSEMENT ALLOWANCE      | 150.00   |           |
| 01-12.A006 | ENGINEERING                                 | 1624.22  |           |
| 01-12.A011 | MAINTENANCE - WWTC                          | 9852.13  |           |
| 01-12.A014 | MAINTENANCE - ELECTRICAL                    | 7553.65  |           |
| 01-12.A021 | WWTC - OPERATIONS                           | 13558.78 |           |
| 01-12.A022 | WWTC - SLUDGE HANDLING                      | 9256.14  |           |
| 01-12.A023 | WWTC - ENERGY RECOVERY                      | 176.67   |           |
| 01-12.A030 | BUILDING AND GROUNDS                        | 4143.16  |           |
| 01-13.A041 | LAB - WWTC                                  | 3135.97  |           |
| 01-13.A048 | LAB - ENERGY RECOVERY                       | 117.92   |           |
| 01-14.A051 | SEWER MAINTENANCE                           | 7812.78  |           |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS  | 1411.14  |           |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS  | 1959.15  |           |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS             | 378.72   |           |
| 01-14.A064 | INSPECTION - MISCELLANEOUS                  | 977.86   |           |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES  | 2867.02  |           |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT               | 1341.00  |           |
| 01-14.A090 | WORK FROM HOME REIMBURSEMENT ALLOWANCE      | 25.00    |           |
| 01-15.A080 | LIFT STATION MAINTENANCE                    | 351.88   |           |
|            |   | 81597.16 | 81597.16- |

## GENERAL LEDGER RECAP

DATE 09/01/20

PERIOD END 08/31/20

PAGE 4

Payroll Ending Date: 08/31/20

Payroll Paid Date: 09/02/20

GL Date: 09/30/20

| G/L NUMBER | COST DESCRIPTION                            | DEBIT    | CREDIT    |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT                      |          | 21236.62- |
| 01-00.2000 | FEDERAL TAX WITHHELD                        |          | 3144.24-  |
| 01-00.2001 | STATE TAX WITHHELD                          |          | 1422.95-  |
| 01-00.2002 | SOCIAL SECURITY WITHHELD                    |          | 2366.35-  |
| 01-00.2003 | IMRF WITHHELD                               |          | 1391.97-  |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION   |          | 842.39-   |
| 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      |          | 213.27-   |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD             |          | 77.06-    |
| 01-11.A003 | GENERAL MANAGEMENT                          | 9353.30  |           |
| 01-11.A004 | FINANCIAL RECORDS                           | 549.23   |           |
| 01-11.A005 | ADMINISTRATIVE RECORDS                      | 193.88   |           |
| 01-11.A007 | CODE ENFORCEMENT                            | 8275.75  |           |
| 01-11.A008 | SAFETY ACTIVITIES                           | 11.12    |           |
| 01-12.A009 | OPERATIONS MANAGEMENT                       | 3925.84  |           |
| 01-12.A011 | MAINTENANCE - WWTC                          | 4163.97  |           |
| 01-12.A013 | MAINTENANCE - ENERGY RECOVERY               | 232.96   |           |
| 01-12.A014 | MAINTENANCE - ELECTRICAL                    | 181.07   |           |
| 01-12.A021 | WWTC - OPERATIONS                           | 430.46   |           |
| 01-12.A030 | BUILDING AND GROUNDS                        | 103.23   |           |
| 01-13.A009 | OPERATIONS MANAGEMENT                       | 4042.29  |           |
| 01-15.A030 | BUILDING AND GROUNDS                        | 51.89    |           |
| 01-15.A080 | LIFT STATION MAINTENANCE                    | 51.34    |           |
|            |   | 31566.33 | 31566.33- |

## GENERAL LEDGER RECAP

DATE 09/10/20

PERIOD END 09/05/20

PAGE 5

Payroll Ending Date: 09/05/20

Payroll Paid Date: 09/11/20

GL Date: 09/30/20

| G/L NUMBER | COST DESCRIPTION                            | DEBIT    | CREDIT    |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT                      |          | 52483.05- |
| 01-00.2000 | FEDERAL TAX WITHHELD                        |          | 8712.68-  |
| 01-00.2001 | STATE TAX WITHHELD                          |          | 3758.70-  |
| 01-00.2002 | SOCIAL SECURITY WITHHELD                    |          | 6192.92-  |
| 01-00.2003 | IMRF WITHHELD                               |          | 3608.68-  |
| 01-00.2013 | CREDIT UNION WITHHELD                       |          | 2214.31-  |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION   |          | 3170.58-  |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL         |          | 309.65-   |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE  |          | 192.31-   |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION |          | 946.81-   |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX   |          | 337.80-   |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA      |          | 272.13-   |
| 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                          | 759.76   |           |
| 01-11.A004 | FINANCIAL RECORDS                           | 7539.01  |           |
| 01-11.A005 | ADMINISTRATIVE RECORDS                      | 613.20   |           |
| 01-11.A007 | CODE ENFORCEMENT                            | 5414.08  |           |
| 01-11.A008 | SAFETY ACTIVITIES                           | 803.23   |           |
| 01-11.A090 | WORK FROM HOME REIMBURSEMENT ALLOWANCE      | 125.00   |           |
| 01-12.A006 | ENGINEERING                                 | 2192.05  |           |
| 01-12.A011 | MAINTENANCE - WWTC                          | 8267.61  |           |
| 01-12.A014 | MAINTENANCE - ELECTRICAL                    | 6792.13  |           |
| 01-12.A021 | WWTC - OPERATIONS                           | 13280.13 |           |
| 01-12.A022 | WWTC - SLUDGE HANDLING                      | 10020.84 |           |
| 01-12.A023 | WWTC - ENERGY RECOVERY                      | 138.71   |           |
| 01-12.A030 | BUILDING AND GROUNDS                        | 3143.18  |           |
| 01-13.A041 | LAB - WWTC                                  | 7231.70  |           |
| 01-13.A048 | LAB - ENERGY RECOVERY                       | 345.32   |           |
| 01-14.A006 | ENGINEERING                                 | 79.23    |           |
| 01-14.A051 | SEWER MAINTENANCE                           | 8882.47  |           |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS  | 390.97   |           |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS  | 1467.54  |           |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS             | 591.75   |           |
| 01-14.A064 | INSPECTION - MISCELLANEOUS                  | 1810.04  |           |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES  | 1285.71  |           |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT               | 965.34   |           |
| 01-14.A072 | SEWER INVESTIGATIONS                        | 34.14    |           |
| 01-14.A090 | WORK FROM HOME REIMBURSEMENT ALLOWANCE      | 25.00    |           |
| 01-15.A080 | LIFT STATION MAINTENANCE                    | 203.75   |           |
|            |   | 82401.89 | 82401.89- |

| ===== VENDOR =====        |         |          | ===== INVOICE ===== |            |                           |         |           |          |
|---------------------------|---------|----------|---------------------|------------|---------------------------|---------|-----------|----------|
| NAME                      | NUMBER  | DATE     | NUMBER              | G/L NUMBER | EXPENSE DESCRIPTION       | EXPENSE | CHECK AMT | CHECK NO |
| AT & T MOBILITY           | A000085 | 09/03/20 | 831873915           | 01-15.B112 | LS Cell Dialer            | 54.85   | 54.85     | 062572   |
| ADVANCED DISPOSAL         | A000153 | 08/31/20 | T80002406283        | 01-12.B102 | Garbage & Recycling       | 305.75  | 305.75    | 062573   |
| ALLIED WASTE SERVICE      | A000255 | 08/15/20 | 551014932616        | 01-12.B102 | Grit Screen Dumpster Rent | 72.58   | 72.58     | 062574   |
| SYNCHB/AMAZON             | A000295 | 09/04/20 | 445753699847        | 01-14.B115 | 2 Way Radio Batteries     | 74.95   |           |          |
|                           |         | 08/16/20 | 447334476455        | 01-12.B116 | NW Chromebook Accessories | 27.97   |           |          |
|                           |         | 08/09/20 | 466745798783        | 01-11.B113 | Safety Helmets            | 923.23  |           |          |
|                           |         | 08/26/20 | 499787885397        | 01-12.B113 | Nitrile Gloves            | 92.37   |           |          |
|                           |         | 09/01/20 | 564364364549        | 01-12.B116 | Ops Flood Light           | 188.55  |           |          |
|                           |         | 08/23/20 | 679663464339        | 01-11.B117 | AB Outerwear              | 73.98   |           |          |
|                           |         | 08/12/20 | 887586864987        | 01-11.B113 | Safety Helmets            | 503.58  |           |          |
|                           |         | 08/24/20 | 933887685938        | 01-11.B112 | KG Bluetooth Headset      | 119.89  |           |          |
|                           |         | 08/20/20 | 966369335497        | 01-12.B507 | Secondary Clar Fuse Panel | 169.99  |           |          |
|                           |         | 08/11/20 | 985696693979        | 01-12.B507 | Secondary Clar Fuse Pnls  | 339.98  | 2514.49   | 062575   |
| AMERICAN NATIONAL SKYLINE | A000320 | 08/31/20 | 294094              | 01-11.B118 | Admin Window Cleaning     | 61.00   | 61.00     | 102500   |
| AUTOZONE - AZ COMMERCIAL  | A000600 | 08/31/20 | 2576645855          | 01-12.C225 | Auto Parts                | 157.64  |           |          |
|                           |         | 08/31/20 | 2576645857          | 01-12.B113 | Work Glove MR             | 15.76   |           |          |
|                           |         | 09/08/20 | 2576651481          | 01-12.C225 | Auto Parts                | 7.63    |           |          |
|                           |         | 09/08/20 | 2576651481          | 01-14.C225 | Auto Parts                | 23.96   |           |          |
|                           |         | 09/09/20 | 2576651928          | 01-12.C225 | Auto Parts                | 81.97   |           |          |
|                           |         | 09/09/20 | 2576651928          | 01-14.C225 | Auto Parts                | 81.98   |           |          |
|                           |         | 09/09/20 | 2576652202          | 01-14.C225 | Auto Parts                | 74.57   |           |          |
|                           |         | 09/10/20 | 2576652626          | 01-12.C225 | Auto Parts                | 33.14   |           |          |
|                           |         | 09/10/20 | 2576652827          | 01-12.B512 | Replace Battery Charger   | 190.99  | 667.64    | 062576   |
| BAXTER & WOODMAN, INC.    | B000120 | 08/21/20 | 0215625             | 01-14.B902 | Outfall Sewer Sag Repair  | 375.00  |           |          |
|                           |         | 08/21/20 | 0215626             | 01-12.B508 | WAS Thickener             | 1135.63 |           |          |
|                           |         | 08/21/20 | 0215629             | 01-11.B124 | Misc Engineer Services    | 6882.56 |           |          |
|                           |         | 08/21/20 | 0215630             | 01-12.B509 | Sludge Storage Bldg       | 1657.50 |           |          |
|                           |         | 08/21/20 | 0215631             | 01-14.B903 | Stanley Ave Sewer Rehab   | 8.76    |           |          |
|                           |         | 08/21/20 | 0215632             | 01-14.B902 | Sherman St Sewer Rehab    | 2235.00 | 12294.45  | 102501   |
| CAREERSAFE                | C000087 | 08/19/20 | CS-372621           | 01-11.B113 | OSHA Training             | 150.00  | 150.00    | 062613   |
| CASSIDY TIRE & SERVICE    | C000090 | 07/24/20 | 912002439           | 01-12.B501 | Bio Vehicle Tire Replace  | 957.00  | 957.00    | 062577   |
| CHROMALOX                 | C000295 | 08/18/20 | 1732936             | 01-12.B502 | OSEC Gen Water Heater Prt | 3524.63 | 3524.63   | 062578   |
| CINTAS #344               | C000300 | 08/14/20 | 4058765610          | 01-12.B117 | WWTC Uniform Rental       | 61.97   |           |          |
|                           |         | 08/14/20 | 4058765610          | 01-14.B117 | SS Uniform Rental         | 62.44   |           |          |
|                           |         | 08/21/20 | 4059402579          | 01-12.B117 | WWTC Uniform Rental       | 61.97   |           |          |
|                           |         | 08/21/20 | 4059402579          | 01-14.B117 | SS Uniform Rental         | 41.52   |           |          |
|                           |         | 08/28/20 | 4060042874          | 01-12.B117 | WWTC Uniform Rental       | 84.00   |           |          |
|                           |         | 08/28/20 | 4060042874          | 01-14.B117 | SS Uniform Rental         | 13.56   |           |          |
|                           |         | 09/04/20 | 4060739923          | 01-12.B117 | WWTC Uniform Rental       | 61.97   |           |          |
|                           |         | 09/04/20 | 4060739923          | 01-14.B117 | SS Uniform Rental         | 13.56   | 400.99    | 062579   |
|                           |         | 08/28/20 | 5028196507          | 01-11.B116 | First Aid Supplies        | 64.25   |           |          |
| CINTAS FIRST AID & SAFETY | C000320 | 08/28/20 | 5028196507          | 01-12.B113 | First Aid Supplies        | 190.97  | 255.22    | 062580   |
|                           |         | 09/01/20 | 49444               | 01-14.B116 | SS Supplies               | 167.77  | 167.77    | 102502   |
| CLOVERLEAF TOOL CO        | C000335 | 09/01/20 | 49444               | 01-14.B116 | SS Supplies               | 167.77  | 167.77    | 102502   |
| ALLAN J. COLEMAN CO.      | C000340 | 08/19/20 | 0236457             | 01-14.B115 | SS Camera Repair          | 743.44  |           |          |
|                           |         | 08/24/20 | 0236602             | 01-14.B116 | SS Supplies               | 223.67  | 967.11    | 062581   |
| COMCAST                   | C000373 | 09/03/20 | 1200550568          | 01-11.B112 | Internet Service          | 293.40  | 293.40    | 062582   |

| ===== VENDOR =====          |         |          | ===== INVOICE ===== |            |                           |         |           |          |
|-----------------------------|---------|----------|---------------------|------------|---------------------------|---------|-----------|----------|
| NAME                        | NUMBER  | DATE     | NUMBER              | G/L NUMBER | EXPENSE DESCRIPTION       | EXPENSE | CHECK AMT | CHECK NO |
| COMED                       | C000380 | 08/13/20 | 0055025057          | 01-15.B100 | College LS Elec           | 148.16  |           |          |
|                             |         | 08/12/20 | 0068029014          | 01-15.B100 | Centex LS Elec            | 53.55   |           |          |
|                             |         | 08/12/20 | 0120089072          | 01-15.B100 | Wroble LS Elec            | 364.97  |           |          |
|                             |         | 08/12/20 | 0458029046          | 01-15.B100 | Liberty Park LS Elec      | 226.85  |           |          |
|                             |         | 08/19/20 | 0562080004          | 01-15.B100 | Venard LS Elec            | 325.06  |           |          |
|                             |         | 08/12/20 | 1095091170          | 01-15.B100 | Northwest LS Elec         | 497.80  |           |          |
|                             |         | 08/12/20 | 1810068039          | 01-15.B100 | Earlston LS Elec          | 90.53   |           |          |
|                             |         | 08/12/20 | 3240038012          | 01-15.B100 | Butterfield LS Elec       | 100.61  |           |          |
|                             |         | 08/12/20 | 4657083017          | 01-15.B100 | Hobson LS Elec            | 901.20  |           |          |
|                             |         | 08/21/20 | 6770572011          | 01-00.2005 | BSSRAP Yard Elec          | 22.14   |           |          |
|                             |         | 08/21/20 | 6770572011          | 01-12.B100 | Walnut House Elec         | 74.97   |           |          |
|                             |         | 08/21/20 | 8762083052          | 01-12.B100 | Big Top Elec              | 33.34   | 2839.18   | 062583   |
| COMPASS MINERALS            | C000399 | 08/27/20 | 672007              | 01-12.B401 | Coarse Solar Salt         | 4507.96 | 4507.96   | 062584   |
| CONCENTRIC INTEGRATION, LLC | C000410 | 08/21/20 | 0215627             | 01-11.B115 | Support Services          | 4063.13 |           |          |
|                             |         | 08/21/20 | 0215627             | 01-12.B513 | Support Services          | 8249.37 |           |          |
|                             |         | 08/21/20 | 0215628             | 01-11.B115 | Admin Services            | 2449.82 |           |          |
|                             |         | 08/21/20 | 0215628             | 01-12.B508 | WAS Thickener SCADA       | 190.00  |           |          |
|                             |         | 08/21/20 | 0215628             | 01-12.B513 | Heat Exchg Programming    | 380.00  |           |          |
| CORE & MAIN LP              | C000485 | 08/21/20 | 0215628             | 01-15.B529 | Lib Park Gen Alarm Fail   | 152.00  | 15484.32  | 102503   |
|                             |         | 08/19/20 | M864789             | 01-15.B527 | Venard Force Main Rep Prt | 251.97  |           |          |
| COVERALL NORTH AMERICA, INC | C000557 | 09/03/20 | M932527             | 01-14.B913 | Clean Out Boxes w/ Lids   | 996.00  | 1247.97   | 062585   |
|                             |         | 09/01/20 | 1010665263          | 01-12.B812 | MSB Cleaning Service      | 304.00  |           |          |
|                             |         | 09/01/20 | 1010665263          | 01-13.B116 | Lab Cleaning Service      | 157.00  |           |          |
| CURTIS MARTIN GROUP, INC.   | C000660 | 09/01/20 | 1010665265          | 01-11.B118 | Admin Cleaning Service    | 429.00  | 890.00    | 102504   |
|                             |         | 08/17/20 | 7716                | 01-11.B115 | SSL/PGP Updates           | 150.00  |           |          |
|                             |         | 08/24/20 | 7723                | 01-11.B115 | Update Kleopatra          | 420.00  |           |          |
|                             |         | 08/30/20 | 7729                | 01-11.B115 | Billing Prog Fixes        | 240.00  |           |          |
| DELTA INDUSTRIES, INC.      | D000210 | 09/08/20 | 7741                | 01-11.B115 | Billing Prog Support      | 120.00  | 930.00    | 102505   |
|                             |         | 08/31/20 | 163825              | 01-12.B513 | ODS Pump Air Compress Srv | 427.22  | 427.22    | 102506   |
| DELTA SONIC                 | D000220 | 07/31/20 | 10133267            | 01-12.C225 | WWTC Vehicle Washes       | 8.33    |           |          |
|                             |         | 07/31/20 | 10133267            | 01-14.C225 | SS Vehicle Washes         | 24.99   | 33.32     | 062586   |
| DIRECT ENERGY BUSINESS      | D000227 | 08/18/20 | 1685321             | 01-15.B100 | College LS Elec           | 215.89  |           |          |
|                             |         | 08/17/20 | 1685322             | 01-15.B100 | Centex LS Elec            | 44.29   |           |          |
|                             |         | 08/17/20 | 1685323             | 01-15.B100 | Wroble LS Elec            | 575.47  |           |          |
|                             |         | 08/17/20 | 1685324             | 01-15.B100 | Liberty Park LS Elec      | 152.45  |           |          |
|                             |         | 08/24/20 | 1685325             | 01-15.B100 | Venard LS Elec            | 285.52  |           |          |
|                             |         | 08/17/20 | 1685326             | 01-15.B100 | Northwest LS Elec         | 853.35  |           |          |
|                             |         | 08/31/20 | 1685327             | 01-11.B100 | Admin Elec                | 158.90  |           |          |
|                             |         | 08/31/20 | 1685327             | 01-12.B100 | WWTC Elec                 | 3499.61 |           |          |
|                             |         | 08/17/20 | 1685328             | 01-15.B100 | Earlston LS Elec          | 110.22  |           |          |
|                             |         | 08/17/20 | 1685329             | 01-15.B100 | Butterfield LS Elec       | 125.99  |           |          |
|                             |         | 08/17/20 | 1685330             | 01-15.B100 | Hobson LS Elec            | 1457.89 | 7479.58   | 062587   |
| DOWNERS GROVE ECONOMIC      | D000390 | 09/01/20 | 408                 | 01-11.B137 | Annual Dues               | 500.00  | 500.00    | 102507   |
| VILLAGE OF DOWNERS GROVE    | D000480 | 09/04/20 | 161641              | 01-11.C222 | Admin Vehicle Fuel        | 9.67    |           |          |
|                             |         | 09/04/20 | 161641              | 01-12.B812 | Gas Can Fuel              | 290.42  |           |          |
|                             |         | 09/04/20 | 161641              | 01-12.C222 | WWTC Vehicle Fuel         | 1169.72 |           |          |

01 GENERAL FUND STANDARD CHECK REGISTER FOR 09/15/20

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| ===== VENDOR =====        |         |          | ===== INVOICE ===== |            |                           |          |           |          |
|---------------------------|---------|----------|---------------------|------------|---------------------------|----------|-----------|----------|
| NAME                      | NUMBER  | DATE     | NUMBER              | G/L NUMBER | EXPENSE DESCRIPTION       | EXPENSE  | CHECK AMT | CHECK NO |
|                           |         | 09/04/20 | 161641              | 01-13.C222 | Lab Vehicle Fuel          | 66.28    |           |          |
|                           |         | 09/04/20 | 161641              | 01-14.C222 | SS Vehicle Fuel           | 1077.72  |           |          |
|                           |         | 09/04/20 | 161641              | 01-15.B529 | LS Pump Fuel              | 42.94    |           |          |
|                           |         | 08/31/20 | C2027270001         | 01-12.B102 | WWTC Water Usage          | 2613.94  |           |          |
|                           |         | 08/31/20 | C2027271001         | 01-11.B102 | Admin Water Usage         | 226.29   | 5496.98   | 062588   |
| EJ EQUIPMENT, INC.        | E000030 | 09/03/20 | W03142              | 01-14.B115 | Vac-Con Vehicle Repair    | 3207.43  | 3207.43   | 062589   |
| EYE MED VISION CARE       | E000600 | 09/01/20 | 164465374           | 01-17.E455 | Vision Insurance          | 433.83   | 433.83    | 062590   |
| FEECE OIL CO.             | F000085 | 08/12/20 | 3723013             | 01-15.B104 | Earlston Generator Oil    | 91.37    |           |          |
|                           |         | 08/12/20 | 3723031             | 01-15.B104 | Lib Park Generator Oil    | 169.02   |           |          |
|                           |         | 08/12/20 | 3723032             | 01-15.B104 | College Generator Oil     | 571.04   | 831.43    | 062591   |
| FIRST ADVANTAGE           | F000130 | 08/31/20 | 2501542008          | 01-13.B117 | Drug Screening            | 29.13    | 29.13     | 102508   |
| G.P. MAINTENANCE SERVICES | G000070 | 09/10/20 | 2020 Paintin        | 01-12.B507 | Secondary 4 Painting      | 40000.00 | 40000.00  | 102509   |
| GASVODA & ASSOCIATES INC. | G000200 | 08/20/20 | INV2001695          | 01-15.B524 | Hobson Pump 2 Parts       | 223.88   | 223.88    | 062592   |
| GEORGE'S LANDSCAPING      | G000260 | 08/31/20 | Mowing              | 01-11.B118 | Admin Mowing              | 395.48   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-12.B812 | WWTC Mowing               | 2566.41  |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B820 | Butterfield LS Mowing     | 126.20   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B821 | Centex LS Mowing          | 126.20   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B823 | Earlston LS Mowing        | 126.20   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B824 | Hobson LS Mowing          | 126.20   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B825 | Liberty Park LS Mowing    | 126.20   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B826 | Northwest LS Mowing       | 126.20   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B827 | Venard LS Mowing          | 126.20   |           |          |
|                           |         | 08/31/20 | Mowing              | 01-15.B828 | Wroble LS Mowing          | 126.20   | 3971.49   | 102510   |
| REVERE ELECTRIC           | G000410 | 08/18/20 | S4212156.001        | 01-12.B507 | Secondary 3 Parts         | 54.76    | 54.76     | 062593   |
| W. W. GRAINGER, INC.      | G000520 | 08/12/20 | 9619005847          | 01-11.B113 | See Sheet                 | 1132.83  |           |          |
|                           |         | 08/18/20 | 9623707081          | 01-11.B113 | See Sheet                 | 206.08   |           |          |
|                           |         | 08/18/20 | 9624097383          | 01-12.B513 | See Sheet                 | 6.82     |           |          |
|                           |         | 08/19/20 | 9625620423          | 01-12.B507 | See Sheet                 | 27.87    |           |          |
|                           |         | 08/25/20 | 9631161446          | 01-14.B913 | See Sheet                 | 59.58    |           |          |
|                           |         | 08/26/20 | 9633396214          | 01-12.B113 | See Sheet                 | 10.06    |           |          |
|                           |         | 08/26/20 | 9633623062          | 01-12.B116 | See Sheet                 | 199.00   |           |          |
|                           |         | 08/27/20 | 9634433362          | 01-12.B502 | See Sheet                 | 73.35    |           |          |
|                           |         | 08/27/20 | 9634677273          | 01-12.B512 | See Sheet                 | 125.77   |           |          |
|                           |         | 09/02/20 | 9640805710          | 01-13.B116 | See Sheet                 | 72.36    |           |          |
|                           |         | 09/02/20 | 9640805710          | 01-13.B122 | See Sheet                 | 42.95    |           |          |
|                           |         | 09/03/20 | 9641529434          | 01-13.B116 | See Sheet                 | 53.86    |           |          |
|                           |         | 09/03/20 | 9641954228          | 01-12.B512 | See Sheet                 | 24.78    | 2035.31   | 102511   |
| JESSICA GWOZDZ            | G000630 | 08/26/20 | Reimburse           | 01-11.B116 | Admin Supplies            | 26.84    | 26.84     | 102512   |
| HML, INC.                 | H000035 | 08/13/20 | 79019               | 01-13.B123 | Biosolids Pathogen Testin | 1000.00  |           |          |
|                           |         | 08/13/20 | 79020               | 01-13.B123 | Biosolids Salmonella Test | 240.00   |           |          |
|                           |         | 08/19/20 | 79130               | 01-13.B123 | Salmonella Testing        | 480.00   | 1720.00   | 062594   |
| HARBOR FREIGHT TOOLS      | H000060 | 07/25/20 | 923998              | 01-12.B116 | Painting Supplies         | 47.75    | 47.75     | 062595   |
| HOME DEPOT                | H000400 | 08/24/20 | 1024192             | 01-12.B512 | See Sheet                 | 8.50     |           |          |
|                           |         | 08/24/20 | 1024718             | 01-12.B116 | See Sheet                 | 25.57    |           |          |
|                           |         | 08/31/20 | 4024548             | 01-12.B117 | See Sheet                 | 19.76    |           |          |
|                           |         | 08/31/20 | 4030047             | 01-12.B812 | See Sheet                 | 201.04   |           |          |

01 GENERAL FUND STANDARD CHECK REGISTER FOR 09/15/20

Date: 09/11/20

Time: 2:23pm

| ===== VENDOR =====            |         |          | ===== INVOICE ===== |            |                           |          |           |          |
|-------------------------------|---------|----------|---------------------|------------|---------------------------|----------|-----------|----------|
| NAME                          | NUMBER  | DATE     | NUMBER              | G/L NUMBER | EXPENSE DESCRIPTION       | EXPENSE  | CHECK AMT | CHECK NO |
|                               |         | 08/28/20 | 7363828             | 01-12.B116 | See Sheet                 | 4.28     | 259.15    | 062596   |
| IMPACT NETWORKING INC.        | I000400 | 08/20/20 | 1872827             | 01-11.B115 | Copier                    | 58.55    |           |          |
|                               |         | 08/27/20 | 1879863             | 01-11.B116 | Copier Paper              | 115.97   | 174.52    | 102513   |
| INFOSEND, INC.                | I000415 | 08/31/20 | 177488              | 01-11.B121 | Customer Bill Mailings    | 4084.20  |           |          |
|                               |         | 09/04/20 | 178040              | 01-11.B120 | Newsletter Envelopes      | 1827.50  | 5911.70   | 102514   |
| KANSAS CITY LIFE INSURANCE CO | K000045 | 09/01/20 | 14887               | 01-17.E455 | Life Insurance            | 310.50   | 310.50    | 102515   |
| LIBERTY MUTUAL INSURANCE CO   | L000026 | 08/26/20 | 999064373           | 01-17.E452 | Trustee Bond AS           | 100.00   | 100.00    | 062614   |
| DONALD J MAHLKE               | M000103 | 09/10/20 | Reimburse           | 01-14.B128 | OH Sewer Reimbursement    | 5500.00  | 5500.00   | 062615   |
| DAN F MALAUSKAS               | M000109 | 09/12/20 | Rebate 54 SA        | 01-00.2007 | SA 54 Rebate              | 220.13   | 220.13    | 062616   |
| MARCOTT ENTERPRISES, INC.     | M000115 | 08/12/20 | 18594               | 01-12.B509 | Sand Delivery             | 1020.00  |           |          |
|                               |         | 08/19/20 | 18598               | 01-12.B509 | Sand Delivery             | 985.00   | 2005.00   | 102516   |
| MCMASTER-CARR SUPPLY COMPANY  | M000360 | 08/18/20 | 44158538            | 01-12.B513 | CHP Cooling Pump Parts    | 22.61    |           |          |
|                               |         | 08/18/20 | 44169953            | 01-12.B513 | CHP Cooling Pump Parts    | 18.09    |           |          |
|                               |         | 08/28/20 | 44745209            | 01-12.B507 | Secondary 4 Part          | 84.44    | 125.14    | 102517   |
| MENARDS - BOLINGBROOK         | M000430 | 08/14/20 | 99315               | 01-15.B824 | Hobson LS Parts           | 70.75    | 70.75     | 062597   |
| MEYER PAVING, INC             | M000505 | 08/18/20 | 20-4680             | 01-12.B501 | Repave Sludge Drying Pad  | 56212.32 |           |          |
|                               |         | 08/18/20 | 20-4680             | 01-12.B812 | Repave Main Roadway       | 47826.91 | 104039.23 | 102538   |
| NCPERS GROUP LIFE INSURANCE   | N000010 | 08/13/20 | 3266092020          | 01-00.2017 | Vol Life Insurance        | 288.00   | 288.00    | 102518   |
| NAPA AUTO PARTS               | N000040 | 08/26/20 | 4343-677590         | 01-14.C225 | Auto Parts                | 18.99    |           |          |
|                               |         | 09/02/20 | 4343-678628         | 01-12.B116 | Auto Parts                | 67.86    | 86.85     | 062598   |
| NAPCO STEEL, INC.             | N000050 | 08/25/20 | 441364              | 01-12.B507 | Secondary 4 Parts         | 129.00   | 129.00    | 102519   |
| NEUCO, INC.                   | N000260 | 08/24/20 | 4522592             | 01-12.B513 | CHP 2 Parts               | 167.15   | 167.15    | 102520   |
| NICOR GAS                     | N000330 | 08/14/20 | 2833584             | 01-12.B102 | Walnut House Gas          | 38.66    |           |          |
|                               |         | 08/14/20 | 3892638             | 01-11.B102 | Admin Gas                 | 40.42    |           |          |
|                               |         | 08/14/20 | 4440979             | 01-12.B102 | Plant Gas                 | 142.05   |           |          |
|                               |         | 08/18/20 | 4664113             | 01-12.B102 | Chem Feed Gas             | 38.66    |           |          |
|                               |         | 08/14/20 | 4782107             | 01-12.B102 | Plant 2 Gas               | 46.83    | 306.62    | 062599   |
| ACI PAYMENTS INC.             | O000300 | 08/20/20 | 1000030492          | 01-11.B110 | OLR Fees                  | 32.90    | 32.90     | 102521   |
| PACE ANALYTICAL               | P000010 | 08/18/20 | 2040088197          | 01-13.B123 | NPDES Monthly             | 115.00   | 115.00    | 102522   |
| PACKKEY WEBB FORD             | P000020 | 08/17/20 | 152075              | 01-14.C225 | SS Vehicle Part           | 17.05    | 17.05     | 102523   |
| PIRTEK O'HARE                 | P000380 | 08/18/20 | BO-T00002346        | 01-12.B501 | JD Loader Parts           | 234.62   | 234.62    | 062600   |
| POLYDYNE INC.                 | P000395 | 09/09/20 | 1480871             | 01-12.B402 | Belt Press Polymer        | 2142.54  | 2142.54   | 102524   |
| PRINCIPAL LIFE INSURANCE CO   | P000650 | 08/18/20 | 1093099             | 01-17.E455 | Dental Insurance          | 2435.37  | 2435.37   | 102525   |
| RAINBOW ELECTRIC CO.          | R000070 | 08/28/20 | MRINV10005          | 01-12.B503 | Exc Bridge Skimmer Repair | 1775.39  |           |          |
|                               |         | 08/28/20 | MRINV10008          | 01-12.B513 | CHP 2 Cooling Pump Repair | 651.36   |           |          |
|                               |         | 08/31/20 | MRINV10019          | 01-12.B503 | Exc Bridge Demag Mtr Repr | 4636.49  | 7063.24   | 102526   |
| RAPTOR TECH INC.              | R000105 | 08/21/20 | 12615               | 01-14.B115 | SS Truck Tool Box Repair  | 108.00   | 108.00    | 102527   |
| RENTAL MAX L.L.C.             | R000250 | 09/01/20 | 437440-5            | 01-12.B116 | Forklift Propane          | 27.49    | 27.49     | 062601   |
| SEAWAY SUPPLY CO.             | S000200 | 09/01/20 | 161265              | 01-12.B116 | MSB Supplies              | 202.16   | 202.16    | 102528   |
| SIGNS NOW                     | S000390 | 07/31/20 | SN195-57722         | 01-14.C225 | SS Truck Decals           | 280.00   |           |          |
|                               |         | 08/14/20 | SN19557771          | 01-14.C225 | SS Vehicle Decals         | 90.00    | 370.00    | 062602   |
| SOLENIS LLC                   | S000450 | 08/28/20 | 131681282           | 01-12.B402 | Polymer for WAS Thickener | 573.30   |           |          |
|                               |         | 08/31/20 | 131682314           | 01-12.B402 | Polymer for WAS Thickener | 630.00   | 1203.30   | 102539   |
| SOUTHLAND ELECTRICAL SUPPLY   | S000493 | 08/25/20 | 3157399             | 01-12.B502 | OSEC Gen Rectifier        | 421.96   | 421.96    | 102529   |
| STAPLES INC.                  | S000640 | 08/21/20 | 3455346815          | 01-11.B116 | Admin Supplies            | 46.69    | 46.69     | 102530   |
| STATE OF ILLINOIS             | S000660 | 08/28/20 | 9632688             | 01-12.B113 | State Certs - Boilers     | 420.00   | 420.00    | 062603   |

| ===== VENDOR =====            |         |          | ===== INVOICE ===== |            |                           |           |           |          |
|-------------------------------|---------|----------|---------------------|------------|---------------------------|-----------|-----------|----------|
| NAME                          | NUMBER  | DATE     | NUMBER              | G/L NUMBER | EXPENSE DESCRIPTION       | EXPENSE   | CHECK AMT | CHECK NO |
| STEPHENS PLUMBING AND         | S000680 | 08/05/20 | 223468              | 01-11.B118 | Adm RPZ Device Testing    | 270.00    |           |          |
|                               |         | 08/05/20 | 223468              | 01-12.B812 | WWTC RPZ Device Testing   | 440.00    |           |          |
|                               |         | 08/11/20 | 224149              | 01-14.B910 | Shear Repair              | 232.00    | 942.00    | 062604   |
| STEVENSON CRANE SERVICE, INC. | S000720 | 08/20/20 | 214474              | 01-15.B524 | Crane Service Hobson LS   | 750.00    | 750.00    | 102531   |
| SUBURBAN DOOR CHECK & LOCK    | S000850 | 08/13/20 | IN528745            | 01-12.B116 | Misc WWTC Keys            | 47.60     | 47.60     | 102532   |
| TERRACE SUPPLY COMPANY        | T000250 | 08/31/20 | 01014837            | 01-12.B116 | Cylinder Rentals          | 52.70     | 52.70     | 102533   |
| TRAFFIC SAFETY STORE          | T000410 | 08/19/20 | INV000750113        | 01-12.B113 | WWTC Cones                | 208.60    |           |          |
|                               |         | 08/19/20 | INV000750113        | 01-14.B113 | SS Cones                  | 1294.46   | 1503.06   | 062605   |
| TRIO VISION, LLC              | T000580 | 08/21/20 | V029202             | 01-14.B115 | SS Program Annual Support | 2600.00   | 2600.00   | 102534   |
| USABLUBOOK                    | U000150 | 08/18/20 | 331815              | 01-12.B116 | Sand Bags                 | 47.82     | 47.82     | 062606   |
| UNDERCUTTERS                  | U000190 | 08/25/20 | Tree Service        | 01-12.B812 | Tree Removal WWTC         | 890.00    | 890.00    | 062607   |
| UNISTRUT SERVICE COMPANY      | U000195 | 08/12/20 | 0142948-IN          | 01-12.B507 | RAS Sys 2 Piping Supports | 982.60    | 982.60    | 062608   |
| UNITED PARCEL SERVICE         | U000300 | 08/15/20 | 3Y0091330           | 01-12.B116 | Return Items Shipping     | 20.28     |           |          |
|                               |         | 08/22/20 | 3Y0091340           | 01-14.B115 | Ship Camera For Repair    | 22.63     |           |          |
|                               |         | 08/29/20 | 3Y0091350           | 01-12.B116 | Return Items P/U Charge   | 6.28      | 49.19     | 062609   |
| UNO CONSTRUCTION CO., INC.    | U000450 | 08/31/20 | 2                   | 01-14.B910 | BSSRAP Projects           | 83017.97  | 83017.97  | 102535   |
| VWR INTERNATIONAL INC.        | V000030 | 08/11/20 | 8801869481          | 01-13.B116 | Lab Supplies              | 345.64    | 345.64    | 062610   |
| WAGNER COMMUNICATIONS, INC    | W000070 | 09/01/20 | 200900339           | 01-11.B112 | Answering Service         | 586.81    | 586.81    | 102536   |
| WESTFAX                       | W000350 | 09/01/20 | 1360870             | 01-11.B112 | EFax Service              | 8.99      | 8.99      | 102537   |
| VILLAGE OF WESTMONT           | W000450 | 09/02/20 | 716625              | 01-11.B121 | Meter Readings            | 370.01    | 370.01    | 062611   |
| MICHAEL G. PHILIPP, P.C.      | W000551 | 08/06/20 | 1069                | 01-11.B124 | Legal Services            | 570.00    |           |          |
|                               |         | 08/06/20 | 1069                | 01-14.B902 | Legal Services            | 75.00     | 645.00    | 062612   |
| XYLEM WATER SOLUTIONS USA     | X000110 | 08/20/20 | 3556B35712          | 01-12.B510 | Grease Mixer PM           | 600.00    |           |          |
|                               |         | 08/20/20 | 3556B35713          | 01-15.B525 | PM Liberty Park LS        | 1350.00   |           |          |
|                               |         | 08/20/20 | 3556B35713          | 01-15.B527 | PM Venard LS              | 1350.00   | 3300.00   | 102540   |
|                               |         |          |                     |            |                           | =====     | =====     |          |
| Total Payments:               |         |          |                     |            |                           | 345778.71 | 345778.71 |          |
| ACH Payments Total:           |         |          |                     |            |                           | 294120.05 | .00       |          |
| Check Payments Total:         |         |          |                     |            |                           | 51658.66  | 345778.71 |          |

01 GENERAL FUND MANUAL CHECK REGISTER FOR 09/15/20

Date: 09/11/20

Time: 2:23pm

| ===== VENDOR =====             |         |          | ===== INVOICE ===== |            |                           |           |           |          |
|--------------------------------|---------|----------|---------------------|------------|---------------------------|-----------|-----------|----------|
| NAME                           | NUMBER  | DATE     | NUMBER              | G/L NUMBER | EXPENSE DESCRIPTION       | EXPENSE   | CHECK AMT | CHECK NO |
| AT&T                           | A000075 | 09/07/20 | 081267687508        | 01-11.B112 | DSL Internet              | 62.82     | 62.82     | 102490   |
| CHASE                          | B000050 | 08/19/20 | SPR 08/15/20        | 01-00.2000 | Federal Tax               | 3145.13   |           |          |
|                                |         | 08/19/20 | SPR 08/15/20        | 01-00.2002 | Empl Soc Sec Tax          | 2366.76   |           |          |
|                                |         | 08/19/20 | SPR 08/15/20        | 01-17.E461 | Emplr Soc Sec Tax         | 2366.74   | 7878.63   | 102479   |
| CHASE                          | B000050 | 08/31/20 | PR 08/22/20         | 01-00.2000 | Federal Tax               | 8904.85   |           |          |
|                                |         | 08/31/20 | PR 08/22/20         | 01-00.2002 | Empl Soc Sec Tax          | 6134.71   |           |          |
|                                |         | 08/31/20 | PR 08/22/20         | 01-17.E461 | Emplr Soc Sec Tax         | 6134.75   | 21174.31  | 102482   |
| CHASE                          | B000050 | 09/04/20 | SPR 08/31/20        | 01-00.2000 | Federal Tax               | 3144.24   |           |          |
|                                |         | 09/04/20 | SPR 08/31/20        | 01-00.2002 | Empl Soc Sec Tax          | 2366.35   |           |          |
|                                |         | 09/04/20 | SPR 08/31/20        | 01-17.E461 | Emplr Soc Sec Tax         | 2366.36   | 7876.95   | 102487   |
| CHASE                          | B000050 | 09/14/20 | PR 09/05/20         | 01-00.2000 | Federal Tax               | 8712.68   |           |          |
|                                |         | 09/14/20 | PR 09/05/20         | 01-00.2002 | Empl Soc Sec Tax          | 6192.92   |           |          |
|                                |         | 09/14/20 | PR 09/05/20         | 01-17.E461 | Emplr Soc Sec Tax         | 6192.91   | 21098.51  | 102496   |
| D.G. SANIT DIST #XXXXXXXXX1117 | D000400 | 09/16/20 | Reimburse           | 01-00.1001 | PR Acct Reimburse         | 146309.82 | 146309.82 | 102492   |
| D.G. SANIT DIST #XXXXXXXXX1114 | D000420 | 09/16/20 | Reimburse           | 01-05.3001 | User Refund Acct Reimburs | 3812.88   | 3812.88   | 102493   |
| D.G. SANIT DIST #XXXXXXXXX1112 | D000440 | 09/16/20 | Reimburse           | 01-11.B117 | Registration IAWA         | 100.00    |           |          |
|                                |         | 09/16/20 | Reimburse           | 01-12.B116 | MSB Supplies              | 139.95    | 239.95    | 102499   |
| DUPAGE CREDIT UNION            | D000650 | 08/28/20 | PR 08/22/20         | 01-00.2013 | Empl Authorized W/Holding | 2214.31   | 2214.31   | 102484   |
| DUPAGE CREDIT UNION            | D000650 | 09/11/20 | PR 09/05/20         | 01-00.2013 | Empl Authorized W/Holding | 2214.31   | 2214.31   | 102495   |
| HEALTH CARE SERVICE CORP.      | H000190 | 08/26/20 | 165585              | 01-17.E455 | Health Insurance          | 40351.00  | 40351.00  | 102478   |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/19/20 | SPR 08/15/20        | 01-00.2001 | State Tax                 | 1423.19   | 1423.19   | 102480   |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/31/20 | PR 08/22/20         | 01-00.2001 | State Tax                 | 3696.48   | 3696.48   | 102483   |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 09/04/20 | SPR 08/31/20        | 01-00.2001 | State Tax                 | 1422.95   | 1422.95   | 102488   |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 09/14/20 | PR 09/05/20         | 01-00.2001 | State Tax                 | 3758.70   | 3758.70   | 102497   |
| ILLINOIS MUNICIPAL             | I000300 | 09/08/20 | Pension             | 01-00.2003 | Empl Pension Deposit      | 9708.20   |           |          |
|                                |         | 09/08/20 | Pension             | 01-00.2014 | Empl Vol Pension Deposit  | 8120.26   |           |          |
|                                |         | 09/08/20 | Pension             | 01-17.E460 | Emplr Pension Deposit     | 22803.53  | 40631.99  | 102491   |
| INVOICE CLOUD                  | I000750 | 09/10/20 | 607-2020-8          | 01-11.B121 | Customer Billing Portal   | 368.10    | 368.10    | 102494   |
| LIFELINK EMS                   | L000240 | 08/21/20 | 20111               | 01-11.B113 | AED Supplies              | 1161.00   | 1161.00   | 102477   |
| MARCOTT ENTERPRISES, INC.      | M000115 | 08/21/20 | Various             | 01-12.B509 | Sand Delivery             | 1800.10   | 1800.10   | 102476   |
| MIDAMERICA ADMIN HRA ACCOUNT   | M000557 | 08/26/20 | HRA Funding         | 01-17.E455 | HRA Acct Funding          | 500.00    | 500.00    | 102475   |
| Gordon Richardson              | R000272 | 08/28/20 | Refund              | 01-05.3001 | Refund of Overpayment     | 2000.00   | 2000.00   | 062468   |
| TRANSAMERICA RETIREMENT        | T000415 | 08/18/20 | SPR 08/15/20        | 01-00.2026 | Def Comp IPPFA            | 213.07    |           |          |
|                                |         | 08/18/20 | SPR 08/15/20        | 01-00.2028 | Def Comp Loan Repay IPPFA | 77.06     | 290.13    | 102481   |
| TRANSAMERICA RETIREMENT        | T000415 | 08/28/20 | PR 08/22/20         | 01-00.2026 | Def Comp IPPFA            | 288.63    |           |          |
|                                |         | 08/28/20 | PR 08/22/20         | 01-00.2027 | Def Comp Roth IPPFA       | 40.00     |           |          |
|                                |         | 08/28/20 | PR 08/22/20         | 01-00.2028 | Def Comp Loan Repay IPPFA | 162.27    | 490.90    | 102485   |
| TRANSAMERICA RETIREMENT        | T000415 | 09/02/20 | SPR 08/31/20        | 01-00.2026 | Def Comp IPPFA            | 213.27    |           |          |
|                                |         | 09/02/20 | SPR 08/31/20        | 01-00.2028 | Def Comp Loan Repay IPPFA | 77.06     | 290.33    | 102489   |
| TRANSAMERICA RETIREMENT        | T000415 | 09/11/20 | PR 09/05/20         | 01-00.2026 | Def Comp IPPFA            | 272.13    |           |          |
|                                |         | 09/11/20 | PR 09/05/20         | 01-00.2027 | Def Comp Roth IPPFA       | 40.00     |           |          |
|                                |         | 09/11/20 | PR 09/05/20         | 01-00.2028 | Def Comp Loan Repay IPPFA | 162.27    | 474.40    | 102498   |
| Zoom Inc.                      | Z000200 | 08/26/20 | P-40713585          | 01-11.B115 | Service Subscription      | 40.00     | 40.00     | 102486   |
|                                |         |          |                     |            |                           | =====     | =====     |          |
| Total Payments:                |         |          |                     |            |                           | 311581.76 | 311581.76 |          |
| ACH Payments Total:            |         |          |                     |            |                           | 309581.76 | .00       |          |
| Check Payments Total:          |         |          |                     |            |                           | 2000.00   | 311581.76 |          |

| ===== VENDOR ===== |        |      | ===== INVOICE ===== |            |                     |         |           |          |  |
|--------------------|--------|------|---------------------|------------|---------------------|---------|-----------|----------|--|
| NAME               | NUMBER | DATE | NUMBER              | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |  |

DATE \_\_\_\_\_

REVIEWED \_\_\_\_\_

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

PRESIDENT

CLERK

| G/L NUMBER | COST ACCTG DESCRIPTION                        | DEBIT     | CREDIT     |
|------------|---|-----------|------------|
| 01-00.1000 | CASH  |           | 657360.47- |
| 01-00.1001 | CASH - PAYROLL ACCOUNT                        | 146309.82 |            |
| 01-00.2000 | FEDERAL TAX WITHHELD                          | 23906.90  |            |
| 01-00.2001 | STATE TAX WITHHELD                            | 10301.32  |            |
| 01-00.2002 | SOCIAL SECURITY WITHHELD                      | 17060.74  |            |
| 01-00.2003 | IMRF WITHHELD                                 | 9708.20   |            |
| 01-00.2005 | CLEARING                                      | 22.14     |            |
| 01-00.2007 | REBATES PAYABLE                               | 220.13    |            |
| 01-00.2013 | CREDIT UNION WITHHELD                         | 4428.62   |            |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION     | 8120.26   |            |
| 01-00.2017 | VOLUNTARY GROUP LIFE                          | 288.00    |            |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA        | 987.10    |            |
| 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                                 | 5812.88   |            |
| 01-11.B100 | ELECTRICITY                                   | 158.90    |            |
| 01-11.B102 | WATER, GARBAGE AND OTHER UTILITIES            | 266.71    |            |
| 01-11.B110 | BANK CHARGES                                  | 32.90     |            |
| 01-11.B112 | COMMUNICATION                                 | 1071.91   |            |
| 01-11.B113 | EMERGENCY/SAFETY EQUIPMENT                    | 4076.72   |            |
| 01-11.B115 | EQUIPMENT/EQUIPMENT REPAIR                    | 7541.50   |            |
| 01-11.B116 | SUPPLIES                                      | 253.75    |            |
| 01-11.B117 | EMPLOYEE/DUTY COSTS                           | 173.98    |            |
| 01-11.B118 | BUILDING AND GROUNDS                          | 1155.48   |            |
| 01-11.B120 | PRINTING/PHOTOGRAPHY                          | 1827.50   |            |
| 01-11.B121 | USER BILLING MATERIALS                        | 4822.31   |            |
| 01-11.B124 | CONTRACT SERVICES                             | 7452.56   |            |
| 01-11.B137 | MEMBERSHIPS/SUBSCRIPTIONS                     | 500.00    |            |
| 01-11.C222 | GAS/FUEL                                      | 9.67      |            |
| 01-12.B100 | ELECTRICITY                                   | 3607.92   |            |
| 01-12.B102 | WATER, GARBAGE AND OTHER UTILITIES            | 3258.47   |            |
| 01-12.B113 | EMERGENCY/SAFETY EQUIPMENT                    | 937.76    |            |
| 01-12.B116 | SUPPLIES                                      | 1105.26   |            |
| 01-12.B117 | EMPLOYEE/DUTY COSTS                           | 289.67    |            |
| 01-12.B401 | CHEMICALS - DISINFECTION                      | 4507.96   |            |
| 01-12.B402 | CHEMICALS - SLUDGE DEWATERING                 | 3345.84   |            |
| 01-12.B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL | 57403.94  |            |
| 01-12.B502 | EQPT/EQPT REPAIR - DISINFECTION               | 4019.94   |            |
| 01-12.B503 | EQPT/EQPT REPAIR - EXCESS FLOW                | 6411.88   |            |
| 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT        | 41788.64  |            |
| 01-12.B508 | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION       | 1325.63   |            |
| 01-12.B509 | EQPT/EQPT REPAIR - SLUDGE DEWATERING          | 5462.60   |            |
| 01-12.B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION           | 600.00    |            |
| 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL               | 350.04    |            |
| 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES             | 9922.62   |            |
| 01-12.B812 | BLDG AND GROUNDS - WWTC GENERAL               | 52518.78  |            |

| G/L NUMBER | COST ACCTG DESCRIPTION                        | DEBIT     | CREDIT     |
|------------|---|-----------|------------|
| 01-12.C222 | GAS/FUEL                                      | 1169.72   |            |
| 01-12.C225 | OPERATION/REPAIR                              | 288.71    |            |
| 01-13.B116 | SUPPLIES                                      | 628.86    |            |
| 01-13.B117 | EMPLOYEE/DUTY COSTS                           | 29.13     |            |
| 01-13.B122 | MONITORING EQUIPMENT                          | 42.95     |            |
| 01-13.B123 | OUTSIDE LAB SERVICES                          | 1835.00   |            |
| 01-13.C222 | GAS/FUEL                                      | 66.28     |            |
| 01-14.B113 | EMERGENCY/SAFETY EQUIPMENT                    | 1294.46   |            |
| 01-14.B115 | EQUIPMENT/EQUIPMENT REPAIR                    | 6756.45   |            |
| 01-14.B116 | SUPPLIES                                      | 391.44    |            |
| 01-14.B117 | EMPLOYEE/DUTY COSTS                           | 131.08    |            |
| 01-14.B128 | OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM    | 5500.00   |            |
| 01-14.B902 | SEWER SYSTEM REPAIRS - REPLACEMENT            | 2685.00   |            |
| 01-14.B903 | SEWER SYSTEM REPAIRS - REHABILITATION         | 8.76      |            |
| 01-14.B910 | SEWER SYSTEM REPAIRS - BSSRAP PROGRAM         | 83249.97  |            |
| 01-14.B913 | SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH | 1055.58   |            |
| 01-14.C222 | GAS/FUEL                                      | 1077.72   |            |
| 01-14.C225 | OPERATION/REPAIR                              | 611.54    |            |
| 01-15.B100 | ELECTRICITY                                   | 6529.80   |            |
| 01-15.B104 | FUEL - GENERATORS                             | 831.43    |            |
| 01-15.B112 | COMMUNICATION                                 | 54.85     |            |
| 01-15.B524 | EQPT/EQPT REPAIR - HOBSON                     | 973.88    |            |
| 01-15.B525 | EQPT/EQPT REPAIR - LIBERTY PARK               | 1350.00   |            |
| 01-15.B527 | EQPT/EQPT REPAIR - VENARD                     | 1601.97   |            |
| 01-15.B529 | EQPT/EQPT REPAIR - LIFT STATIONS GENERAL      | 194.94    |            |
| 01-15.B820 | BLDG AND GROUNDS - BUTTERFIELD                | 126.20    |            |
| 01-15.B821 | BLDG AND GROUNDS - CENTEX                     | 126.20    |            |
| 01-15.B823 | BLDG AND GROUNDS - EARLSTON                   | 126.20    |            |
| 01-15.B824 | BLDG AND GROUNDS - HOBSON                     | 196.95    |            |
| 01-15.B825 | BLDG AND GROUNDS - LIBERTY PARK               | 126.20    |            |
| 01-15.B826 | BLDG AND GROUNDS - NORTHWEST                  | 126.20    |            |
| 01-15.B827 | BLDG AND GROUNDS - VENARD                     | 126.20    |            |
| 01-15.B828 | BLDG AND GROUNDS - WROBLE                     | 126.20    |            |
| 01-17.E452 | LIABILITY/PROPERTY                            | 100.00    |            |
| 01-17.E455 | EMPLOYEE GROUP HEALTH                         | 44030.70  |            |
| 01-17.E460 | IMRF  | 22803.53  |            |
| 01-17.E461 | SOCIAL SECURITY                               | 17060.76  |            |
|            |   | =====     |            |
|            |   | 657360.47 | 657360.47- |

| Vendor     | Invoice Date | Amount     | Coding     | Coding Description                            | Purchase Location | Emp. | Procurement | Project Name (If applicable)       | Item Description                          |
|------------|--------------|------------|------------|---|-------------------|------|-------------|------------------------------------|---|
| Grainger   | 08/12/20     | \$1,132.83 | 01-11.B113 | ADMIN SAFETY                                  | Delivered         | JG   |             | Safety Equipment                   | Hard Hats & Safety Shields                |
| Grainger   | 08/18/20     | \$206.08   | 01-11.B113 | ADMIN SAFETY                                  | Delivered         | JG   |             | Safety Equipment                   | Elastic Chin Straps for Hard Hats         |
| Grainger   | 08/18/20     | \$6.82     | 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES             | In-Store          | NW   |             | CHP 2 Cooling Water Pumps          | M14 Threading Die                         |
| Grainger   | 08/18/20     | \$4.82     | 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT        | Delivered         | MR   |             | Secondary 4 Weir Repairs           | Stainless Washers                         |
| Grainger   | 08/19/20     | \$23.05    | 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT        | Delivered         | MR   |             | Secondary 4 Weir Repairs           | Stainless Hardware                        |
| Grainger   | 08/25/20     | \$59.58    | 01-14.B913 | SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH | Delivered         | RF   |             | BSSRP Repair 34 N Hudson Westmont  | Underground Electrical Splice Kits        |
| Grainger   | 08/26/20     | \$10.06    | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT               | In-Store          | AC   |             | Safety Equipment                   | Welding Cap                               |
| Grainger   | 08/26/20     | \$199.00   | 01-12.B116 | WWTC SUPPLIES                                 | Delivered         | MM   |             | Ops tools                          | Cordless grease gun for Ops/Bio           |
| Grainger   | 08/27/20     | \$73.35    | 01-12.B502 | EQPT/EQPT REPAIR - DISINFECTION               | In-Store          | RF   |             | OSEC Hypochlorite Rectifier Repair | Phase Monitor                             |
| Grainger   | 08/27/20     | \$125.77   | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL               | Delivered         | JPB  |             | Maintenance Repair Supplies        | Hardware & Plumbing Supplies              |
| Grainger   | 09/02/20     | \$42.95    | 01-13.B122 | MONITORING EQUIPMENT                          | Delivered         | DRB  | shopped     | sampling equipment                 | sampling pole                             |
| Grainger   | 09/02/20     | \$72.36    | 01-13.B116 | LAB SUPPLIES                                  | Delivered         | DRB  | shopped     | timer                              | timers for analysts                       |
| Grainger   | 09/03/20     | \$53.86    | 01-13.B116 | LAB SUPPLIES                                  | Delivered         | DRB  | shopped     | lab equipment                      | various pipette bulbs for liquid transfer |
| Grainger   | 09/03/20     | \$24.78    | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL               | Delivered         | MR   |             | Electrical Repair Supplies         | Control Fuses                             |
| Home Depot | 08/24/20     | \$8.50     | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL               | In-Store          | BS   |             | Replacement Tool (Bill Smith)      | Utility Knife                             |
| Home Depot | 08/24/20     | \$25.57    | 01-12.B116 | WWTC SUPPLIES                                 | In-Store          | NW   |             | Stock                              | Lifting Chain & Quick Links               |
| Home Depot | 08/31/20     | \$19.76    | 01-12.B117 | EMPLOYEE/DUTY COSTS                           | In-Store          | AC   |             | Outerwear for Adam                 | (2) Neck Gators                           |
| Home Depot | 08/31/20     | \$201.04   | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL                 | In-Store          | CP   |             | Supplies                           | Grass Seed & (2) Sump Pumps for Stock     |
| Home Depot | 08/28/20     | \$4.28     | 01-12.B116 | WWTC SUPPLIES                                 | In-Store          | RF   |             | Supplies                           | Air Tool Oil                              |

**Date:** 9/11/2020

**Due Date:** 9/16/2020

**Invoice #:** Reimburse

**Petty Cash Checking Reimbursement**

**D-440**

| Date     | Purchased From | Description               | Code    | Amount | Ck No. |
|----------|----------------|---------------------------|---------|--------|--------|
| 08/21/20 | Costco         | MSB Supplies              | 12.B116 | 139.95 | 3665   |
| 08/28/20 | IAWA           | Registration ARU, WCC, AS | 11.B117 | 100.00 | 3666   |

|                                     |               |
|-------------------------------------|---------------|
| <b>Total Receipts/Reimbursement</b> | <b>239.95</b> |
|-------------------------------------|---------------|

**Expense by code**

|         |        |
|---------|--------|
| 11.B117 | 100.00 |
| 12.B116 | 139.95 |
|         | <hr/>  |
|         | 239.95 |

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

**Downers Grove**  
  
**Sanitary District**

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

**General Manager**  
Amy R. Underwood

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

**MEMO**

**TO:** Board of Trustees

**FROM:** Amy R. Underwood, General Manager

**DATE:** September 11, 2020

**RE:** Northwest Lift Station  
Solar Power Purchase Agreement  
Amendment No. 3

At the June 19, 2018 Board of Trustees meeting, the Board voted for the District to sign a letter of intent with TCA Microgrid Energy, LLC to provide solar power at the Northwest Lift Station (NWLS) and to negotiate a Power Purchase Agreement (PPA). The June 15, 2018 memo from former General Manager, Nick Menninga, to the Board which recommended that the District proceed with solar power at NWLS is attached (without the attachments) for your recollection. The analysis described in the memo indicated the District could expect to save \$112,331 over the 25-year term of the agreement. The PPA was signed on September 24, 2018.

TCA Microgrid Energy, LLC, which operates under the name Pivot Energy, has partnered with Onyx Renewable Partners who is now responsible for delivering the project.

A portion of the NWLS site is in the flood plain. The solar energy system layout in the PPA showed solar panels in the flood plain. During the permitting process, the panels in the flood plain were eliminated, reducing the expected solar output of the system. The permitting authority required that infiltration swales or bioswales be installed to manage stormwater runoff from the solar panels. The labor associated with obtaining the permit and the permitting fees were more extensive than anticipated by Pivot when the PPA was signed. The bioswales were an unforeseen expense.

According to Onyx, the project is no longer economically viable for Pivot and Onyx due to the unanticipated costs associated with permitting and the bioswales. The PPA allows Pivot to terminate the agreement for this reason. Rather than terminate the agreement, Pivot and Onyx have approached the District proposing an increase in power purchase price from \$0.04456/kWh

to \$0.0605/kWh. At the revised rate, the project is economically viable for them. Their power savings calculations at the proposed rate are attached.

The PPA clearly states that the permitting expenses are Pivot's responsibility. Whether the bioswales should be covered by the solar provider or by the District is not as clear. The bioswales could be considered part of the permitting requirements, which would be the solar provider's responsibility. They could also be considered "unforeseen groundwork" or a "landscaping improvement" both of which are specifically excluded from the contract price and would be an extra that should be paid by the District.

Since the project will not move forward without the District covering part of the unforeseen costs, the District decided to evaluate whether the savings at the proposed revised purchase price was sufficient for the District to proceed with the project. The District's analysis was revised using the new solar power output and the revised purchase price. As noted in the attached June 15, 2018 memo from Nick Menninga, the District's analysis takes into account more factors than the Onyx analysis. For example, the District's analysis considers the excess solar power that the District would sell back to ComEd. The revised table showing the expected costs is provided on the next page. The revised 25-year savings is predicted to be \$55,716, which is \$56,615 less than was expected when the Board originally decided to proceed with the PPA. The construction cost of the bioswales is \$57,500. The District would be covering most of the cost of the bioswales. Given that the District staff has already invested work in this project and the expected savings is still substantial, District staff recommends accepting the revised power purchase price proposed by Onyx.

Onyx provided a draft Amendment No. 3 modifying the solar energy system size, the power purchase price, and the time by which the installation needed to start. The Amendment No. 3 was forwarded to District Attorney, Mike Philipp, for review.

At the September 15, 2020 Board meeting, staff will be seeking approval from the Board for the General Manager to sign Amendment No. 3 to the Power Purchase Agreement for solar power at the Northwest Lift Station decreasing the solar energy system size from 194.3 kW DC to 126.54 kW DC and increasing the power purchase price from \$0.04456/kWh to \$0.0605/kWh, pending legal review of the amendment.

Enclosures

C: BOLI, WCC, MGP

| Year  | <u>Annual Electric Cost</u> |                           |                   |
|-------|-----------------------------|---------------------------|-------------------|
|       | <u>Utility only</u>         | <u>Utility with solar</u> | <u>Difference</u> |
| 1     | \$ 19,718                   | \$ 19,948                 | \$ (229)          |
| 2     | \$ 20,113                   | \$ 20,167                 | \$ (54)           |
| 3     | \$ 20,515                   | \$ 20,391                 | \$ 124            |
| 4     | \$ 20,925                   | \$ 20,620                 | \$ 306            |
| 5     | \$ 21,344                   | \$ 20,853                 | \$ 491            |
| 6     | \$ 21,771                   | \$ 21,090                 | \$ 681            |
| 7     | \$ 22,206                   | \$ 21,333                 | \$ 874            |
| 8     | \$ 22,650                   | \$ 21,580                 | \$ 1,070          |
| 9     | \$ 23,103                   | \$ 21,832                 | \$ 1,271          |
| 10    | \$ 23,565                   | \$ 22,089                 | \$ 1,476          |
| 11    | \$ 24,037                   | \$ 22,352                 | \$ 1,685          |
| 12    | \$ 24,517                   | \$ 22,620                 | \$ 1,898          |
| 13    | \$ 25,008                   | \$ 22,893                 | \$ 2,115          |
| 14    | \$ 25,508                   | \$ 23,171                 | \$ 2,337          |
| 15    | \$ 26,018                   | \$ 23,455                 | \$ 2,563          |
| 16    | \$ 26,538                   | \$ 23,745                 | \$ 2,794          |
| 17    | \$ 27,069                   | \$ 24,040                 | \$ 3,029          |
| 18    | \$ 27,611                   | \$ 24,342                 | \$ 3,269          |
| 19    | \$ 28,163                   | \$ 24,649                 | \$ 3,514          |
| 20    | \$ 28,726                   | \$ 24,963                 | \$ 3,763          |
| 21    | \$ 29,301                   | \$ 25,283                 | \$ 4,018          |
| 22    | \$ 29,887                   | \$ 25,609                 | \$ 4,278          |
| 23    | \$ 30,484                   | \$ 25,942                 | \$ 4,543          |
| 24    | \$ 31,094                   | \$ 26,281                 | \$ 4,813          |
| 25    | \$ 31,716                   | \$ 26,627                 | \$ 5,089          |
| TOTAL | \$ 631,589                  | \$ 575,873                | \$ 55,716         |

**JUNE 15, 2018 MEMO TO BOARD OF TRUSTEES RE: POWER PURCHASE  
AGREEMENT FOR SOLAR POWER AT NORTHWEST LIFT STATION**

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

# Downers Grove Sanitary District

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**General Manager**  
Nicholas J. Menninga

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

Memo

TO: BOARD OF TRUSTEES

FROM: NICK MENNINGA, GENERAL MANAGER

DATE: June 15, 2018

SUBJECT: POWER PURCHASE AGREEMENT FOR SOLAR POWER AT NORTHWEST LIFT STATION

We have been approached by Microgrid Energy LLC, with a proposal to provide solar power at the Northwest Lift Station.

Solar power technology has dropped to historic low prices. In order for end-user pricing to compare with grid power through ComEd, a number of subsidies are necessary. Those subsidies include tax credits and sale of renewable energy credits. As a public agency without any tax burden, tax credits are not directly available to us. The value of renewable energy credits sold in Illinois is expected to reach historic highs shortly with the recent passage of the Future Energy Jobs Bill by the State, setting aggressive targets for solar power in Illinois.

One model for taking advantage of both subsidies is to have a private company produce solar power on public property, and sell it to the public user (like DGSD), via a power purchase agreement. The private company can recover the tax credits, as well as the value of the renewable energy credits. They can then sell the electricity directly to us at a set price. They provide the equipment, installation, operation and maintenance, and manage the financial aspects of construction and recovering subsidies, simplifying our involvement. They take on risk associated with future subsidy markets, fixing the price that we pay for an extended period of time in the power purchase agreement.

Our Northwest Lift Station provides the most obvious opportunity for this arrangement at DGSD. The property has space for solar panels, is located away from potential public contact or view, and uses much of the electricity that would be generated.

Microgrid has presented a proposal and a letter of intent that is needed to move forward with such an arrangement. The letter of intent allows them to pursue subsidies and finalize pricing. Final agreements would include a power purchase agreement, and a property lease.

The attached preliminary proposal is based on estimates made assuming certain renewable energy credit prices are available. We expect to receive firm pricing and final agreements for review shortly after the next renewable energy credit auction.

The cost implications of the proposal are more complex than they appear. Some of the electricity generated during peak generation hours would be sold by us to ComEd, and we would need to buy electricity through ComEd during times when the solar panels are not generating power. ComEd pays less than we are charged for electricity. While the solar power unit pricing is better than our current average unit cost through ComEd, the use of solar power would increase the unit cost of the power we would still need to get from ComEd for periods when the solar panels are in the dark, off-setting a portion of the savings identified in the proposal.

We have compared our current electricity costs with potential costs using preliminary numbers provided by Microgrid. The most recent 12 months of data show we would be saving \$1,280 under the \$19,720 we paid for electricity for the year if the proposed solar system were in place with a 4.5 cent/kwh price. Over the proposed 25-year period, the value improves if non-solar electricity costs increase while the fixed solar price remains at 4.5 cents. Here is a table showing the expected costs with a 2% per year escalator on non-solar electricity costs:

| Year  | <u>Annual Electric Cost</u> |                         |                   |
|-------|-----------------------------|-------------------------|-------------------|
|       | <u>ComEd only</u>           | <u>ComEd with solar</u> | <u>Difference</u> |
| 1     | \$ 19,718                   | \$ 18,438               | \$ 1,281          |
| 2     | \$ 20,113                   | \$ 18,603               | \$ 1,509          |
| 3     | \$ 20,515                   | \$ 18,773               | \$ 1,742          |
| 4     | \$ 20,925                   | \$ 18,945               | \$ 1,980          |
| 5     | \$ 21,344                   | \$ 19,121               | \$ 2,223          |
| 6     | \$ 21,771                   | \$ 19,301               | \$ 2,470          |
| 7     | \$ 22,206                   | \$ 19,484               | \$ 2,722          |
| 8     | \$ 22,650                   | \$ 19,671               | \$ 2,979          |
| 9     | \$ 23,103                   | \$ 19,862               | \$ 3,242          |
| 10    | \$ 23,565                   | \$ 20,056               | \$ 3,509          |
| 11    | \$ 24,037                   | \$ 20,254               | \$ 3,783          |
| 12    | \$ 24,517                   | \$ 20,456               | \$ 4,061          |
| 13    | \$ 25,008                   | \$ 20,663               | \$ 4,345          |
| 14    | \$ 25,508                   | \$ 20,873               | \$ 4,635          |
| 15    | \$ 26,018                   | \$ 21,088               | \$ 4,930          |
| 16    | \$ 26,538                   | \$ 21,307               | \$ 5,232          |
| 17    | \$ 27,069                   | \$ 21,530               | \$ 5,539          |
| 18    | \$ 27,611                   | \$ 21,758               | \$ 5,853          |
| 19    | \$ 28,163                   | \$ 21,990               | \$ 6,173          |
| 20    | \$ 28,726                   | \$ 22,227               | \$ 6,499          |
| 21    | \$ 29,301                   | \$ 22,469               | \$ 6,832          |
| 22    | \$ 29,887                   | \$ 22,715               | \$ 7,171          |
| 23    | \$ 30,484                   | \$ 22,967               | \$ 7,518          |
| 24    | \$ 31,094                   | \$ 23,223               | \$ 7,871          |
| 25    | \$ 31,716                   | \$ 23,485               | \$ 8,231          |
| TOTAL | \$ 631,589                  | \$ 519,258              | \$ 112,331        |

Such an installation would certainly incur some amount of staff coordination work, but overall, the District would enjoy significant savings in costs over the life of the agreement.

The final issue for discussion relates to ownership of the lift station property. The property is currently owned by the Village of Downers Grove, since the property transfer anticipated in the Northwest Service Area agreement (last amended in the early 1980s) has not yet been completed. We are currently discussing this transfer with the Village of Downers Grove, which would give us full control of the property needed for the associated lease. Any approval of this would be subject to successful transfer of the property from the Village to the District, or would require the property lease agreement be struck between the Village and Microgrid.

I will be seeking approval from the Board to execute the letter of intent with Microgrid, LLC, with the purpose of working with Microgrid to negotiate a power purchase agreement that is favorable to the District. Final project implementation would not occur without Board approval of the power purchase agreement and any needed associated agreements.

C: BOLI, WCC, MGP

**SEPTEMBER 9, 2020 POWER SAVINGS CALCULATIONS BY ONYX**



## Onyx Renewables - Commercial Solar Program

### Total Electric Savings

#### Contact Information

Onyx Business Development Manager - John Cannon  
Email - jcannon@onyxrenewables.com  
Office Phone - (646) 415-7946  
Mobile Phone - (203) 814-6372

#### System Details

System size: 0.127 MW  
Annual production: 170,624 kWh  
System type: Ground Mount  
System location: Downers Grove, IL

#### Power Purchase Agreement

Initial PPA Price: \$0.0605 \$/kWh  
Contract Escalation: 0.0%

#### Utility Cost Details

2015 Variable Power Price: \$0.060 \$/kWh  
Local Utility Escalator: 2.0%

#### Savings Summary (\$)

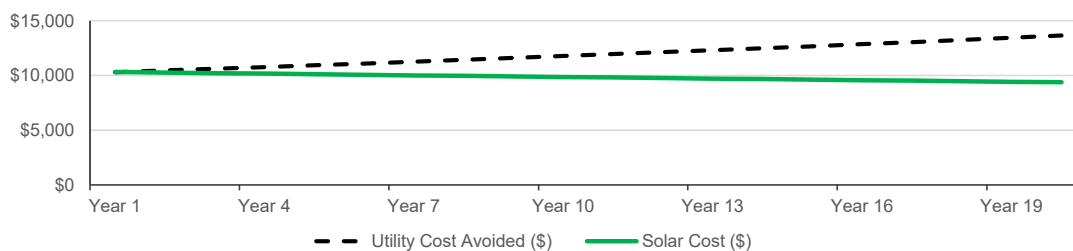
Total Nominal Savings over 25 Years \$66,268  
Average Annual Savings \$2,057  
Year 1 Discount to Retail Rate 0%  
Average Discount to Retail Rate 21%

#### Annual Utility Savings Analysis

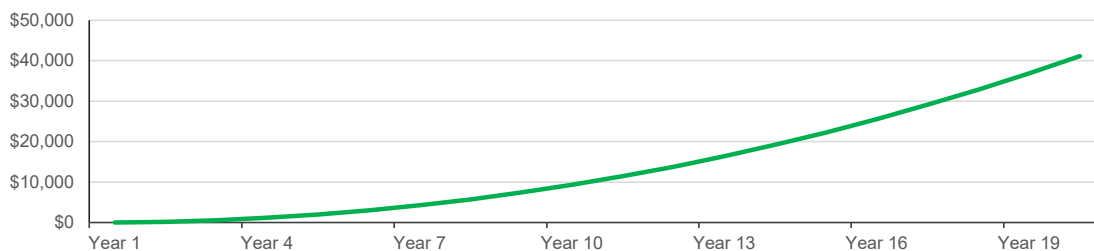
|                 | Annual Solar Output (kWh) | Utility Rate (\$/kWh) | Utility Cost Avoided (\$) | Solar Rate (\$/kWh) | Solar Cost (\$) | Total Utility Savings (\$) |
|-----------------|---------------------------|-----------------------|---------------------------|---------------------|-----------------|----------------------------|
| Year 1          | 170,624                   | \$0.060               | \$10,306                  | \$0.061             | \$10,323        | -\$17                      |
| Year 2          | 169,771                   | \$0.062               | \$10,459                  | \$0.061             | \$10,271        | \$188                      |
| Year 3          | 168,922                   | \$0.063               | \$10,615                  | \$0.061             | \$10,220        | \$395                      |
| Year 4          | 168,077                   | \$0.064               | \$10,773                  | \$0.061             | \$10,169        | \$605                      |
| Year 5          | 167,237                   | \$0.065               | \$10,934                  | \$0.061             | \$10,118        | \$816                      |
| Year 6          | 166,401                   | \$0.067               | \$11,097                  | \$0.061             | \$10,067        | \$1,029                    |
| Year 7          | 165,569                   | \$0.068               | \$11,262                  | \$0.061             | \$10,017        | \$1,245                    |
| Year 8          | 164,741                   | \$0.069               | \$11,430                  | \$0.061             | \$9,967         | \$1,463                    |
| Year 9          | 163,917                   | \$0.071               | \$11,600                  | \$0.061             | \$9,917         | \$1,683                    |
| Year 10         | 163,098                   | \$0.072               | \$11,773                  | \$0.061             | \$9,867         | \$1,906                    |
| Year 11         | 162,282                   | \$0.074               | \$11,948                  | \$0.061             | \$9,818         | \$2,130                    |
| Year 12         | 161,471                   | \$0.075               | \$12,126                  | \$0.061             | \$9,769         | \$2,357                    |
| Year 13         | 160,663                   | \$0.077               | \$12,307                  | \$0.061             | \$9,720         | \$2,587                    |
| Year 14         | 159,860                   | \$0.078               | \$12,490                  | \$0.061             | \$9,672         | \$2,819                    |
| Year 15         | 159,061                   | \$0.080               | \$12,677                  | \$0.061             | \$9,623         | \$3,053                    |
| Year 16         | 158,266                   | \$0.081               | \$12,865                  | \$0.061             | \$9,575         | \$3,290                    |
| Year 17         | 157,474                   | \$0.083               | \$13,057                  | \$0.061             | \$9,527         | \$3,530                    |
| Year 18         | 156,687                   | \$0.085               | \$13,252                  | \$0.061             | \$9,480         | \$3,772                    |
| Year 19         | 155,903                   | \$0.086               | \$13,449                  | \$0.061             | \$9,432         | \$4,017                    |
| Year 20         | 155,124                   | \$0.088               | \$13,650                  | \$0.061             | \$9,385         | \$4,265                    |
| Year 21         | 154,348                   | \$0.090               | \$13,853                  | \$0.061             | \$9,338         | \$4,515                    |
| Year 22         | 153,577                   | \$0.092               | \$14,059                  | \$0.061             | \$9,291         | \$4,768                    |
| Year 23         | 152,809                   | \$0.093               | \$14,269                  | \$0.061             | \$9,245         | \$5,024                    |
| Year 24         | 152,045                   | \$0.095               | \$14,481                  | \$0.061             | \$9,199         | \$5,283                    |
| Year 25         | 151,284                   | \$0.097               | \$14,697                  | \$0.061             | \$9,153         | \$5,545                    |
| Total / Average | 4,019,211                 | \$0.077               | \$309,431                 | \$0.061             | \$243,162       | \$66,268                   |

#### Savings Summary

### Total Annual Electric Bill Comparison (\$)



### Cumulative Solar Savings (\$mm)



DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: W. Clay Campbell  
Administrative Supervisor

DATE: September 11, 2020

RE: Fiscal Year 2019-20 Audit Report

Attached are the Required Letters of Governance and the Annual Financial Report for the Year Ended April 30, 2020, as prepared by the District's auditors, Lauterbach & Amen, LLP. Brad Porter will attend the September 15 meeting to present the report. The report is not official until the Board of Trustees votes to accept it after review with a formal motion during the September 15 meeting.

Once the District's Board of Trustees takes action to accept the complete Fiscal Year 2019-20 Audit Report, as attached, it will be transmitted to the DuPage County Board Chairman's office per DuPage County Ordinance OCB-001-11 and filed as appropriate with the Illinois Comptroller's Office by October 30, 2020.

Attachment

cc: KJR, RTJ, MJS, ARU, MGP

## **Required Communications Regarding the District's Audit**

As part of audit process, the auditors are required to communicate to those charged with governance and management certain items related to the audit process and the auditors' findings. Enclosed you will find such communication letters for each:

- SAS 114 Letter – the auditors' communication to those charged with governance of our audit process
- Management Letter – the auditors' communication of internal controls that are considered to be control deficiencies as well as other recommendations related to the audit process including new GASB pronouncements, etc.
- Management Representation Letter – the District's communication to the auditors of its responsibilities related to the audit process

## **SAS 114 Letter**

Lauterbach & Amen's communication to the Board of the audit process



September 9, 2020

Members of the Board of Trustees  
Downers Grove Sanitary District, Illinois

We have audited the financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of the Downers Grove Sanitary District, Illinois for the year ended April 30, 2020. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards (and, if applicable, *Government Auditing Standards* and the Uniform Guidance), as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated September 9, 2020. Professional standards also require that we communicate to you the following information related to our audit.

### Significant Audit Findings

#### *Qualitative Aspects of Accounting Practices*

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the District are described in the Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the year ended April 30, 2020. We noted no transactions entered into by the Downers Grove Sanitary District during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimate affecting the governmental and business-type activities' financial statements was:

Management's estimate of the depreciation expense on capital assets is based on assumed useful lives of the underlying capital assets. We evaluated the key factors and assumptions used to develop the depreciation expense estimate in determining that it is reasonable in relation to the financial statements taken as a whole.

The financial statement disclosures are neutral, consistent, and clear.

#### *Difficulties Encountered in Performing the Audit*

We encountered no significant difficulties in dealing with management in performing and completing our audit.

### Significant Audit Findings – Continued

#### *Corrected and Uncorrected Misstatements*

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. Any material misstatements detected as a result of audit procedures were corrected by management.

#### *Disagreements with Management*

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

#### *Management Representations*

We have requested certain representations from management that are included in the management representation letter dated September 9, 2020.

#### *Management Consultations with Other Independent Auditors*

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the District's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

#### *Other Audit Findings or Issues*

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the District's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

### Other Matters

We applied certain limited procedures to the required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

Other Matters – Continued

We were engaged to report on the other supplementary information and supplemental schedule, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with the accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

Restrictions on Use

This information is intended solely for the use of the Board of Trustees and management of the District and is not intended to be, and should not be, used by anyone other than these specified parties.

We wish to express our gratitude to the Board of Trustees and staff (in particular the Finance Department) of the Downers Grove Sanitary District, Illinois for their valuable cooperation throughout the audit engagement.

*Lauterbach & Amen, LLP*  
LAUTERBACH & AMEN, LLP

## **Management Letter**

# DOWNERS GROVE SANITARY DISTRICT

---

## MANAGEMENT LETTER

FOR THE FISCAL YEAR ENDED  
APRIL 30, 2020



September 9, 2020

Members of the Board of Trustees  
Downers Grove Sanitary District, Illinois

In planning and performing our audit of the financial statements of the Downers Grove Sanitary District (the District) for the year ended April 30, 2020, we considered its internal control structure in order to determine our auditing procedures for the purpose of expressing our opinion on the financial statements and not to provide assurance on the internal control structure.

We do not intend to imply that our audit failed to disclose commendable aspects of your system and structure. For your consideration we herein submit our comments and suggestions which are designed to assist in effecting improvements in internal controls and procedures. Those less-significant matters, if any, which arose during the course of the audit, were reviewed with management as the audit field work progressed.

The accompanying comments and recommendations are intended solely for the information and use of the Board of Trustees, management, and others within the Downers Grove Sanitary District.

We will review the status of these comments during our next audit engagement. We have already discussed many of these comments and suggestions with various District personnel. We would be pleased to discuss our comments and suggestions in further detail with you at your convenience, to perform any additional study of these matters, or to review the procedures necessary to bring about desirable changes.

We commend the finance department for the well prepared audit package and we appreciate the courtesy and assistance given to us by the entire District staff.

*Lauterbach & Amen, LLP*

LAUTERBACH & AMEN, LLP

## CURRENT RECOMMENDATION

### 1. **FUND OVER BUDGET**

#### Comment

During our current year-end audit procedures we noted that the following fund had an excess of actual expenditures over budget for current fiscal year:

| Fund        | Excess   |
|-------------|----------|
| Improvement | \$ 3,861 |

#### Recommendation

We recommend the District investigate the causes of the fund over budget and adopt appropriate future funding measures.

#### Management Response

Management acknowledges this comment and will work to correct it in the coming year.

## **Representation Letter**

District's communication to Lauterbach & Amen regarding management's responsibility

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

# Downers Grove Sanitary District

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P.O. Box 1412  
Downers Grove, IL 60515-0703  
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[www.dgsd.org](http://www.dgsd.org)

**General Manager**  
Amy R. Underwood

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

September 9, 2020

Lauterbach & Amen, LLP  
Certified Public Accountants  
668 N. River Road  
Naperville, IL 60563

This representation letter is provided in connection with your audit of the financial statements of the Downers Grove Sanitary District (the District), Illinois, which comprise the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information as of April 30, 2020, and the respective changes in financial position and the related notes to the financial statements, for the purpose of expressing opinions as to whether the financial statements are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Certain representations in this letter are described as being limited to matters that are material. Items are considered material, regardless of size, if they involve an omission or misstatement of accounting information that, in light of surrounding circumstances, makes it probable that the judgment of a reasonable person relying on the information would be changed or influenced by the omission or misstatement. An omission or misstatement that is monetarily small in amount could be considered material as a result of qualitative factors.

We confirm, to the best of our knowledge and belief, as of September 9, 2020, the following representations made to you during your audit.

## *Financial Statements*

1. We have fulfilled our responsibilities, as set out in the terms of the audit engagement letter, including our responsibility for the preparation and fair presentation of the financial statements and for preparation of the supplementary information in accordance with the applicable criteria.
2. The financial statements referred to above are fairly presented in conformity with U.S. GAAP and include all properly classified funds and other financial information of the primary government and all component units required by generally accepted accounting principles to be included in the financial reporting entity.

3. We acknowledge our responsibility for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.
4. We acknowledge our responsibility for the design, implementation, and maintenance of internal control to prevent and detect fraud.
5. Significant assumptions we used in making accounting estimates, including those measured at fair market value, are reasonable.
6. Related party relationships and transactions, including revenues, expenditures/expenses, loans, transfers, leasing arrangements, and guarantees, and amounts receivable from or payable to related parties have been appropriately accounted for and disclosed in accordance with U.S. GAAP.
7. Adjustments or disclosures have been made for all events, including instances of noncompliance, subsequent to the date of the financial statements that would require adjustment to or disclosure in the financial statements.
8. The effects of all known actual or possible litigation, claims, and assessments have been accounted for and disclosed in accordance with U.S. GAAP.
9. Guarantees, whether written or oral, under which the District is contingently liable, if any, have been properly recorded or disclosed.

#### *Information Provided*

10. We have provided you with:
  - a. Access to all information, of which we are aware, that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, and other matters.
  - b. Additional information that you have requested from us for the purpose of the audit.
  - c. Unrestricted access to persons within the District from whom you determined it necessary to obtain audit evidence.
  - d. Minutes of the meetings of the District or summaries of actions of recent meetings for which minutes have not yet been prepared.
11. All material transactions have been recorded in the accounting records and are reflected in the financial statements.
12. We have disclosed to you the results of our assessment of the risk that the financial statements may be materially misstated as a result of fraud.

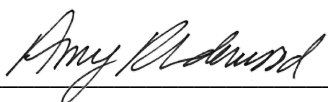
13. We have no knowledge of any fraud or suspected fraud that affects the District and involves:
  - a. Management,
  - b. Employees who have significant roles in internal control, or
  - c. Others where the fraud could have a material effect on the financial statements.
14. We have no knowledge of any allegations of fraud or suspected fraud affecting the District's financial statements communicated by employees, former employees, regulators, or others.
15. We have no knowledge of instances of noncompliance or suspected noncompliance with provisions of laws, regulations, contracts, or grant agreements, or abuse, whose effects should be considered when preparing financial statements.
16. We have disclosed to you all known actual or possible litigation, claims, and assessments whose effects should be considered when preparing the financial statements.
17. We have disclosed to you the identity of the District's related parties and all the related party relationships and transactions of which we are aware.

*Government – Specific*

18. There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices.
19. We have identified to you any previous audits, attestation engagements, and other studies related to the audit objectives and whether related recommendations have been implemented.
20. The District has no plans or intentions that may materially affect the carrying value or classifications of assets, deferred outflows of resources, liabilities, deferred inflows of resources, or fund balance or net position.
21. We are responsible for compliance with the laws, regulations, and provisions of contracts and grant agreements applicable to us, including tax or debt limits and debt contracts; and contractual provisions for reporting specific activities in separate funds.
22. We have identified and disclosed to you all instances that have occurred or are likely to have occurred, of fraud and noncompliance with provisions of laws and regulations that we believe have a material effect on the financial statements or other financial data significant to the audit objectives, and any other instances that warrant the attention of those charged with governance.
23. We have identified and disclosed to you all instances, which have occurred or are likely to have occurred, of noncompliance with provisions of contracts and grant agreements that we believe have a material effect on the determination of financial statement amounts or other financial data significant to the audit objectives.
24. We have identified and disclosed to you all instances that have occurred or are likely to have occurred, of abuse that could be quantitatively or qualitatively material to the financial statements or other financial data significant to the audit objectives.

25. There are no violations or possible violations of budget ordinances, laws and regulations (including those pertaining to adopting, approving, and amending budgets), provisions of contracts and grant agreements, tax or debt limits, and any related debt covenants whose effects should be considered for disclosure in the financial statements, or as a basis for recording a loss contingency, or for reporting on noncompliance.
26. As part of your audit, you assisted with preparation of the financial statements and related notes. We acknowledge our responsibility as it relates to those nonaudit services, including that we assume all management responsibilities; oversee the services by designating an individual, preferably within senior management, who possesses suitable skill, knowledge, or experience; evaluate the adequacy and results of the services performed; and accept responsibility for the results of the services. We have reviewed, approved, and accepted responsibility for those financial statements and related notes.
27. The District has satisfactory title to all owned assets, and there are no liens or encumbrances on such assets nor has any asset been pledged as collateral.
28. The District has complied with all aspects of contractual agreements that would have a material effect on the financial statements in the event of noncompliance.
29. The financial statements include all component units, appropriately present majority equity interests in legally separate organizations and joint ventures with an equity interest, and properly disclose all other joint ventures and other related organizations.
30. The financial statements properly classify all funds and activities in accordance with GASB Statement No. 34 as amended, and GASB Statement No. 84.
31. All funds that meet the quantitative criteria in GASB Statement Nos. 34 and 37 for presentation as major are identified and presented as such and all other funds that are presented as major are particularly important to financial statement users.
32. Components of net position (net investment in capital assets; restricted; unrestricted) and classifications of fund balance (nonspendable, restricted, committed, assigned, and unassigned) are properly classified and, if applicable, approved.
33. Investments, derivative instruments, and land and other real estate held by endowments are properly valued.
34. Provisions for uncollectible receivables have been properly identified and recorded.
35. Expenses have been appropriately classified in or allocated to functions and programs in the statement of activities, and allocations have been made on a reasonable basis.
36. Revenues are appropriately classified in the statement of activities within program revenues, general revenues, contributions to term or permanent endowments, or contributions to permanent fund principal.
37. Interfund, internal, and intra-entity activity and balances have been appropriately classified and reported.

38. Deposits and investment securities are properly classified as to risk and are properly disclosed.
39. Capital assets, including infrastructure and intangible assets, as applicable, are properly capitalized, reported, and, if applicable, depreciated or amortized.
40. We have appropriately disclosed the District's policy regarding whether to first apply restricted or unrestricted resources when an expense is incurred for purposes for which both restricted and unrestricted net position are available and have determined that net position is properly recognized under the policy.
41. We are following our established accounting policy regarding which resources (that is, restricted, committed, assigned, or unassigned) are considered to be spent first for expenditures for which more than one resource classification is available. That policy determines the fund balance classifications for financial reporting purposes.
42. We acknowledge our responsibility for the required supplementary information (RSI). The RSI is measured and presented within prescribed guidelines and the methods of measurement and presentation have not changed from those used in the prior period. We have disclosed to you any significant assumptions and interpretations underlying the measurement and presentation of the RSI.
43. With respect to the other supplementary information:
- a. We acknowledge our responsibility for presenting other supplementary information in accordance with accounting principles generally accepted in the United States of America, and we believe the other supplementary information, including its form and content, is fairly presented in accordance with accounting principles generally accepted in the United States of America. The methods of measurement and presentation of the other supplementary information have not changed from those used in the prior period, and we have disclosed to you any significant assumptions or interpretations underlying the measurement and presentation of the supplementary information.
  - b. If the other supplementary information is not presented with the audited financial statements, we will make the audited financial statements readily available to the intended users of the supplementary information no later than the date we issue the supplementary information and the auditor's report thereon.
44. In regard to the financial statement preparation and actuarial services performed by your firm, we have:
- a. Assumed all management responsibilities.
  - b. Designated the General Manager and Administrative Supervisor, who have suitable skill, knowledge, or experience to oversee the services.
  - c. Evaluated the adequacy and result of the services performed.
  - d. Accepted responsibility for the results of the services.

Signed: 

Title: General Manager

Signed: 

Title: Administrative Supervisor

# DOWNERS GROVE SANITARY DISTRICT

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## ANNUAL FINANCIAL REPORT



FOR THE FISCAL YEAR ENDED  
APRIL 30, 2020

# **DOWNERS GROVE SANITARY DISTRICT**

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## **FINANCIAL SECTION**

This section includes:

- Independent Auditors' Report
- Management's Discussion and Analysis
- Basic Financial Statements
- Required Supplementary Information
- Other Supplementary Information
- Supplemental Schedule

## **INDEPENDENT AUDITORS' REPORT**

This section includes the opinion of the District's independent auditing firm.



## **INDEPENDENT AUDITORS' REPORT**

September 9, 2020

Members of the Board of Trustees  
Downers Grove Sanitary District, Illinois

We have audited the accompanying financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of the Downers Grove Sanitary District, Illinois, as of and for the year ended April 30, 2020, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the District's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the Downers Grove Sanitary District, Illinois, as of April 30, 2020, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis as listed in the table of contents and budgetary information reported in the required supplementary information as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Downers Grove Sanitary District, Illinois' basic financial statements. The other supplementary information and supplemental schedule are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The other supplementary information and supplemental schedule are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other supplementary information and supplemental schedule are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

*Lauterbach & Amen, LLP*  
LAUTERBACH & AMEN, LLP

## **MANAGEMENT'S DISCUSSION AND ANALYSIS**

## **DOWNERS GROVE SANITARY DISTRICT**

### **Management's Discussion and Analysis April 30, 2020**

---

Our discussion and analysis of the Downers Grove Sanitary District's (the District) financial performance provides an overview of the District's financial activities for the fiscal year ended April 30, 2020. Please read it in conjunction with the District's financial statements, which begin on page 12.

#### **FINANCIAL HIGHLIGHTS**

- The user charge was increased from \$1.70 to \$1.80 per 1,000 gallons of consumption, effective April 2020. Staff identified a calculation error that overstated the billable flow for the past five fiscal years. The FY2018-19 billable flow was stated as 5.50 million gallons per day in the FY2018-19 Audit whereas actual billable flow for FY2018-19 was 5.12 million gallons per day. Billable flows for FY2019-20 were 4.96 million gallons per day, a 3.1% decrease below the corrected FY2018-19 billable flows.
- During the year, government-wide revenues for the District totaled \$10,159,388, while expenses totaled \$10,268,423, resulting in an decrease in net position of \$109,035. Even though the District recognized a positive net change in fund balances of \$1,703,619, the decrease in net position of \$109,035 resulted largely from the following: the disposal of CHP #1 as a depreciable capital asset, an increase in deferred inflows related to IMRF, and a change to the Total OPEB liability for the year.
- The District's net position totaled \$74,657,827 on April 30, 2020, which includes \$68,464,231 net investment in capital assets, \$2,209,431 subject to external restrictions, and \$3,984,165 unrestricted net position that may be used to meet the ongoing obligations of the District.
- Beginning net position was restated due to the District implementing GASB Statement No. 84 in the current fiscal year. The purpose of this restatement was to now include amounts related to fiduciary funds managed by the District on behalf of a third party. The \$7,260 amount found in Note 3 on page 33 represents funds held in trust in the District's Sewer Extensions Escrow Fund 71 as of May 1, 2019.

#### **USING THIS ANNUAL REPORT**

This annual report consists of a series of financial statements. The Statement of Net Position and the Statement of Activities (on pages 12 - 14) provide information about the activities of the District as a whole and present a longer-term view of the District's finances. Fund financial statements begin on page 15. For governmental activities, these statements tell how these services were financed in the short term as well as what remains for future spending. Fund financial statements also report the District's operations in more detail than the government-wide statements by providing information about the District's most significant funds. The remaining statements provide financial information about activities for which the District acts solely as a trustee or agent for the benefit of those outside of the government.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Management's Discussion and Analysis April 30, 2020**

---

#### **USING THIS ANNUAL REPORT – Continued**

##### **Government-Wide Financial Statements**

The government-wide financial statements provide readers with a broad overview of the District's finances, in a matter similar to a private-sector business. The government wide financial statements can be found on pages 12 - 14 of this report.

The Statement of Net Position reports information on all of the District's assets/deferred outflows and liabilities/deferred inflows, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating. Consideration of other nonfinancial factors, such as changes in the District's property tax base and the condition of the District's infrastructure, is needed to assess the overall health of the District.

The Statement of Activities presents information showing how the government's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes and earned but unused vacation leave).

##### **Fund Financial Statements**

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the District can be divided into two categories: governmental funds and fiduciary funds.

##### **Governmental Funds**

Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, governmental fund financial statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating the District's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate the comparison between governmental funds and governmental activities.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Management's Discussion and Analysis April 30, 2020**

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#### **USING THIS ANNUAL REPORT – Continued**

#### **Fund Financial Statements – Continued**

#### **Governmental Funds – Continued**

The District maintains five individual governmental funds. Information is presented separately in the governmental fund balance sheet and in the governmental fund statement of revenues, expenditures, and changes in fund balances for the General Fund, Public Benefit Fund, Improvement Fund, Construction Fund, and Special Assessment Fund, all of which are considered to be major funds.

The District adopts an annual appropriated budget for all of the governmental funds, except the Special Assessment Fund. A budgetary comparison schedule for these funds has been provided to demonstrate compliance with this budget.

The basic governmental fund financial statements can be found on pages 15 - 20 of this report.

#### **Notes to the Financial Statements**

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found on pages 21 - 43 of this report.

#### **Other Information**

In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information concerning the District's I.M.R.F. employee pension obligations, retiree benefit plan, and budgetary comparison schedules for the General Fund and major special revenue fund. Required supplementary information can be found on pages 44 - 49 of this report. The budgetary comparison schedules are presented immediately following the required supplementary information on pages 50 - 52 of this report. A supplemental schedule detailing the District's long-term debt requirements on page 53 of this report.

## DOWNERS GROVE SANITARY DISTRICT

### Management's Discussion and Analysis April 30, 2020

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#### GOVERNMENT-WIDE FINANCIAL ANALYSIS

Net position may serve over time as a useful indicator of a government's financial position. The following tables show that in the case of the District, assets/deferred outflows exceeded liabilities/deferred inflows by \$74,657,827.

|                                    | Net Position |            |
|------------------------------------|--------------|------------|
|                                    | 2020         | 2019       |
| Current/Other Assets               | \$ 9,540,412 | 7,711,253  |
| Capital Assets                     | 71,651,920   | 73,767,546 |
| Total Assets                       | 81,192,332   | 81,478,799 |
| Deferred Outflows                  | 644,427      | 1,617,892  |
| Total Assets/Deferred Outflows     | 81,836,759   | 83,096,691 |
| Long-Term Debt                     | 4,685,230    | 6,434,877  |
| Other Liabilities                  | 867,496      | 802,483    |
| Total Liabilities                  | 5,552,726    | 7,237,360  |
| Deferred Inflows                   | 1,626,206    | 1,099,729  |
| Total Liabilities/Deferred Inflows | 7,178,932    | 8,337,089  |
| Net Position                       |              |            |
| Net Investment in Capital Assets   | 68,464,231   | 70,276,268 |
| Restricted                         | 2,209,431    | 1,533,241  |
| Unrestricted                       | 3,984,165    | 2,950,093  |
| Total Net Position                 | 74,657,827   | 74,759,602 |

A large portion of the District's net position, \$68,464,231 or 91.7 percent, reflects its investment in capital assets (for example, land, sewers, buildings, and equipment), less any related debt used to acquire those assets that is still outstanding. The District uses these capital assets to provide services to citizens; consequently, these assets are not available for future spending. Although the District's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

An additional portion, \$2,209,431 or 3.0 percent, of the District's net position represents resources that are subject to external restrictions on how they may be used. The remaining 5.3 percent, or \$3,984,165, represents unrestricted net assets and may be used to meet the government's ongoing obligations to citizens and creditors.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Management's Discussion and Analysis April 30, 2020**

---

#### **GOVERNMENT-WIDE FINANCIAL ANALYSIS – Continued**

|                                      | Change in Net Position |            |
|--------------------------------------|------------------------|------------|
|                                      | 2020                   | 2019       |
| Revenues                             |                        |            |
| Program Revenues                     |                        |            |
| Charges for Services                 | \$ 8,256,107           | 7,952,664  |
| Operating Grants/Contributions       | 503,722                | -          |
| General Revenues                     |                        |            |
| Property Taxes                       | 1,200,957              | 1,238,470  |
| Replacement Taxes                    | 98,083                 | 74,500     |
| Miscellaneous                        | 13,502                 | 25,852     |
| Investment Income                    | 87,017                 | 67,426     |
| Total Revenues                       | 10,159,388             | 9,358,912  |
| Expenses                             |                        |            |
| General Government                   | 10,268,423             | 8,466,372  |
| Interest on Long-Term Debt           | -                      | 368        |
| Total Expenses                       | 10,268,423             | 8,466,740  |
| Change in Net Position               | (109,035)              | 892,172    |
| Net Position - Beginning as Restated | 74,766,862             | 73,867,430 |
| Net Position - Ending                | 74,657,827             | 74,759,602 |

Net position of the District decreased by 0.1 percent (\$74,766,862 in 2019, as restated, compared to \$74,657,827 in 2020). Unrestricted net position, the part of net position that can be used to finance day-to-day operations without constraints, totaled \$3,984,165 on April 30, 2020.

#### **Governmental Activities**

Revenues for governmental activities totaled \$10,159,388, while the cost of all governmental functions totaled \$10,268,423. This results in a deficit of \$109,035.

## DOWNERS GROVE SANITARY DISTRICT

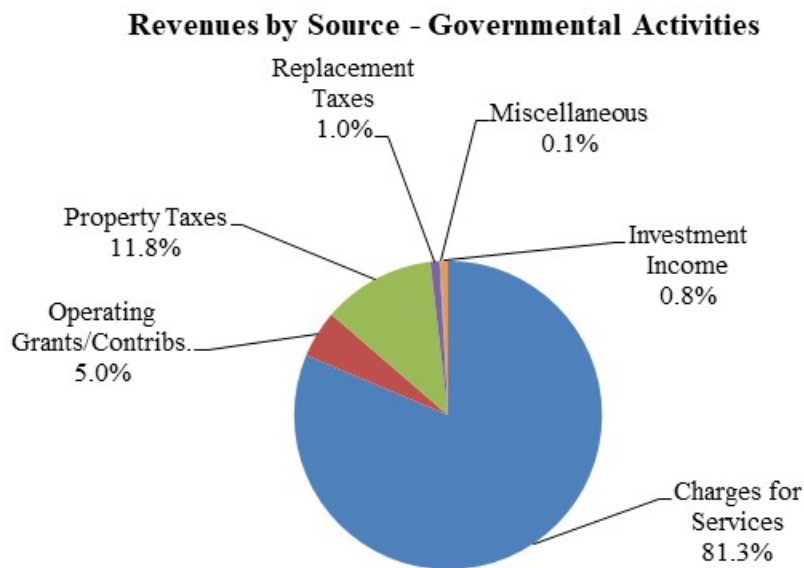
### Management's Discussion and Analysis April 30, 2020

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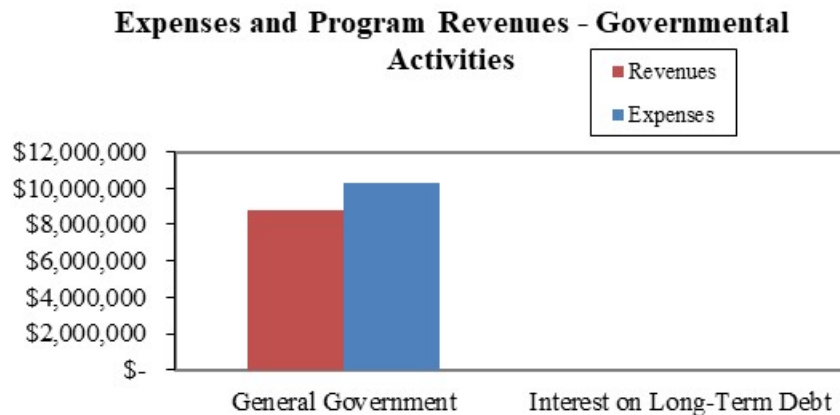
#### GOVERNMENT-WIDE FINANCIAL ANALYSIS – Continued

##### Governmental Activities – Continued

The following figure graphically depicts the major revenue sources of the District. It depicts very clearly the reliance on charges for services and property taxes to fund governmental activities. It also clearly identifies the less significant percentage the District receives from grants and contributions, replacement taxes, investment and miscellaneous income.



The 'Expenses and Program Revenues' Figure identifies those governmental functions where program expenses greatly exceed revenues.



## **DOWNERS GROVE SANITARY DISTRICT**

### **Management's Discussion and Analysis April 30, 2020**

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#### **FINANCIAL ANALYSIS OF THE GOVERNMENT'S FUNDS**

As noted earlier, the District uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

##### **Governmental Funds**

The focus of the District's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. In particular, unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

In the course of closing this fiscal year, the District changed its year-end accrual practices. Historically, the District has not accrued April invoices to the fiscal year, rather they have been applied to the next fiscal year. This year, the District accrued the April 2020 invoices in accordance with generally accepted accounting practices and hence, the expenditures included both the April 2019 and the April 2020 invoices. The impact to fund balances due to the change in accrual practices will only occur this year as the District intends to continue accruing April invoices going forward.

The District's governmental funds reported combining ending fund balances of \$8,394,699, which is \$1,703,619 or 25.5 percent, more than last year's restated total of \$6,691,080. Of the \$8,394,699 total, \$4,419,762, or approximately 52.6 percent, of the fund balance constitutes unassigned fund balance.

The General Fund reported a positive change in fund balance for the year of \$1,027,429, an increase of 19.9 percent. A reduction in fund balance of \$61,200 was budgeted to restore the ending fund balance to 25% of annual expenses. These variances are further outlined on the General Fund Schedule of Revenues, Expenditures and Changes in Fund Balance.

The General Fund is the chief operating fund of the District. On April 30, 2020, unassigned fund balance in the General Fund was \$4,419,762, which represents 71.5 percent of the total fund balance of the General Fund. As a measure of the General Fund's liquidity, it may be useful to compare unassigned fund balance to total fund expenditures. Unassigned fund balance in the General Fund represents approximately 53.1 percent of total General Fund expenditures.

The Improvement Fund reported a negative change in fund balance for the year of \$22,433, a decrease of 1.9 percent. This change reflects project expenditures in excess of fund revenues for the year, with some variances from budgeted amounts. The Auditor's Management Letter includes a recommendation for the District to investigate the cause of the expenditures for this fund being over budget by \$3,861. This amount being above budgeted expenditures was due to the change in accrual practices mentioned above and the scope of engineering expenses related to the unsewered area plan being more extensive this year as compared to other recent years. In the future, the budget will be adjusted or cost control measures will be used to keep expenditures within budget. These variances are further outlined on the Improvement Fund Schedule of Revenues, Expenditures and Changes in Fund Balance.

## DOWNERS GROVE SANITARY DISTRICT

### Management's Discussion and Analysis April 30, 2020

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#### FINANCIAL ANALYSIS OF THE GOVERNMENT'S FUNDS – Continued

##### Governmental Funds – Continued

The Construction Fund reported a positive change in fund balance for the year of \$717,539, an increase of 227.5 percent. An increase in fund balance of \$731,100 was budgeted, to replenish capital reserves for future construction of improvements at the wastewater treatment center. These variances are further outlined on the Construction Fund Schedule of Revenues, Expenditures and Changes in Fund Balance.

##### GENERAL FUND BUDGETARY HIGHLIGHTS

There were no budget amendments to the General Fund during the year. General Fund actual revenues for the year totaled \$9,329,731, compared to budgeted revenues of \$9,368,200.

The General Fund actual expenditures for the year were \$1,106,999 lower than budgeted (\$8,322,401 actual compared to \$9,429,400 budgeted). Operation and maintenance costs were generally lower than anticipated, and a capital project at the wastewater treatment center and the completion of some sewer replacement work were delayed.

##### CAPITAL ASSETS AND DEBT ADMINISTRATION

###### Capital Assets

The District's investment in capital assets for its governmental and business type activities as of April 30, 2020 was \$71,651,920 (net of accumulated depreciation). This investment in capital assets includes land, construction in progress, buildings and equipment, and sanitary sewer infrastructure.

|                               | Capital Assets - Net of Depreciation |            |
|-------------------------------|--------------------------------------|------------|
|                               | 2020                                 | 2019       |
| Land                          | \$ 2,455,790                         | 2,455,790  |
| Construction in Progress      | 1,270,699                            | 1,135,267  |
| Buildings and Equipment       | 25,989,206                           | 27,649,538 |
| Sanitary Sewer Infrastructure | 41,936,225                           | 42,526,951 |
| Total                         | 71,651,920                           | 73,767,546 |

This year's major additions included:

|                               |                |
|-------------------------------|----------------|
| Construction in Progress      | \$ 135,432     |
| Buildings and Equipment       | 404,232        |
| Sanitary Sewer Infrastructure | 244,932        |
|                               | <u>784,596</u> |

Additional information on the District's capital assets can be found in note 3 of this report.

**DOWNERS GROVE SANITARY DISTRICT**

**Management’s Discussion and Analysis  
April 30, 2020**

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**CAPITAL ASSETS AND DEBT ADMINISTRATION – Continued**

**Debt Administration**

At year-end, the District had total outstanding debt of \$3,187,689 as compared to \$3,491,278 the previous year, a decrease of 8.7 percent. The following is a comparative statement of outstanding debt:

|            | <u>Long-Term Debt Outstanding</u> |                  |
|------------|-----------------------------------|------------------|
|            | <u>2020</u>                       | <u>2019</u>      |
| IEPA Loans | <u>\$ 3,187,689</u>               | <u>3,491,278</u> |

Additional information on the District’s long-term debt can be found in Note 3 of this report.

**ECONOMIC FACTORS AND NEXT YEAR’S BUDGET AND RATES**

The District’s Board of Trustees considered many factors when setting the fiscal-year 2020-20 budget, tax rate, and fees that will be charged for its governmental activities. Increases in the user charge from \$1.70 to \$1.80 per 1,000 gallons of consumption and the surcharge rates from \$0.26 to \$0.28 per pound for BOD and \$0.33 to \$0.40 per pound for SS were established to match the increasing costs of operation, maintenance and replacement of infrastructure. Increases in connection fees were established to match increases in the cost of construction. Increases in inspection fees and sampling and monitoring charges were established to match salary increases.

The District anticipates an increase in tax revenues, budgeting \$1.254 million for 2020-21 as compared to the 2019-20 budget of \$1.188 million, an increase of 5.5 percent. The District’s 2020-21 budget continues with previous equipment and infrastructure investments that help control long-term operating costs and sustain the infrastructure.

The President declared a major disaster for the State of Illinois on March 26, 2020, as a result of the COVID-19 pandemic. In response, the District discontinued water shutoffs of delinquent customers and began to waive late fees. The District put measures in place to address the safety of the District’s employees and ensure continuity of service throughout the pandemic. As of the date of this report, the extent of the impact of COVID-19 on the District’s operations and financial position cannot be determined.

**REQUESTS FOR INFORMATION**

This financial report is designed to provide a general overview of the District’s finances for all those with an interest in the government’s finances. Questions concerning any of the information provided in this report or requests for additional information should be directed to the General Manager or Treasurer, Downers Grove Sanitary District, 2710 Curtiss Street, Downers Grove, IL 60515.

## **BASIC FINANCIAL STATEMENTS**

The basic financial Statements include integrated sets of financial statements as required by the GASB. The sets of statements include:

- Government-Wide Financial Statements
- Fund Financial Statements

### **Governmental Funds**

In addition, the notes to the financial statements are included to provide information that is essential to a user's understanding of the basic financial statements.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Statement of Net Position**

**April 30, 2020**

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| <b>ASSETS</b>                                   |                     |
|---|---------------------|
| Current Assets                                  |                     |
| Cash and Investments                            | \$ 6,375,697        |
| Receivables - Net of Allowances                 | 3,123,964           |
| Prepays   | <u>40,751</u>       |
| Total Current Assets                            | <u>9,540,412</u>    |
| Noncurrent Assets                               |                     |
| Capital Assets                                  |                     |
| Nondepreciable Capital Assets                   | 3,726,489           |
| Depreciable Capital Assets                      | 119,980,283         |
| Accumulated Depreciation                        | <u>(52,054,852)</u> |
| Total Noncurrent Assets                         | <u>71,651,920</u>   |
| Total Assets                                    | 81,192,332          |
| <b>DEFERRED OUTFLOWS OF RESOURCES</b>           |                     |
| Deferred Items - IMRF                           | <u>644,427</u>      |
| Total Assets and Deferred Outflows of Resources | <u>81,836,759</u>   |

The notes to the financial statements are an integral part of this statement.

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## LIABILITIES

|                                   |                  |
|-----------------------------------|------------------|
| Current Liabilities               |                  |
| Accounts Payable                  | \$ 290,500       |
| Retainage Payable                 | 113,527          |
| Accrued Payroll                   | 112,476          |
| Current Portion of Long-Term Debt | 350,993          |
| Total Current Liabilities         | <u>867,496</u>   |
| Noncurrent Liabilities            |                  |
| Compensated Absences              | 189,610          |
| Net Pension Liability - IMRF      | 671,444          |
| Total OPEB Liability - RBP        | 940,077          |
| IEPA Loans Payable                | 2,884,099        |
| Total Noncurrent Liabilities      | <u>4,685,230</u> |
| Total Liabilities                 | <u>5,552,726</u> |

## DEFERRED INFLOWS OF RESOURCES

|   |                  |
|---|------------------|
| Property Taxes                                      | 629,210          |
| Deferred Items - IMRF                               | 996,996          |
| Total Deferred Inflows of Resources                 | <u>1,626,206</u> |
| Total Liabilities and Deferred Inflows of Resources | <u>7,178,932</u> |

## NET POSITION

|                                  |                          |
|----------------------------------|--------------------------|
| Net Investment in Capital Assets | 68,464,231               |
| Restricted                       |                          |
| Public Benefit                   | 37,325                   |
| Capital Projects                 | 2,172,106                |
| Unrestricted                     | <u>3,984,165</u>         |
| Total Net Position               | <u><u>74,657,827</u></u> |

The notes to the financial statements are an integral part of this statement.

## DOWNERS GROVE SANITARY DISTRICT

### Statement of Activities

For the Fiscal Year Ended April 30, 2020

|                                      |               | <u>Program Revenues</u> |           | Net                      |
|--------------------------------------|---------------|-------------------------|-----------|--------------------------|
|                                      |               | Charges                 | Operating | (Expenses)               |
|                                      | Expenses      | for                     | Grants    | Revenues and             |
|                                      |               | Services                |           | Change in                |
|                                      |               |                         |           | Net Position             |
| Functions/Programs                   |               |                         |           |                          |
| Governmental Activities              |               |                         |           |                          |
| General Government                   | \$ 10,268,423 | 8,256,107               | 503,722   | (1,508,594)              |
| General Revenues                     |               |                         |           |                          |
| Taxes                                |               |                         |           |                          |
| Property Taxes                       |               |                         |           | 1,200,957                |
| Replacement Taxes                    |               |                         |           | 98,083                   |
| Miscellaneous                        |               |                         |           | 13,502                   |
| Investment Income                    |               |                         |           | 87,017                   |
|                                      |               |                         |           | <u>1,399,559</u>         |
| Change in Net Position               |               |                         |           | (109,035)                |
| Net Position - Beginning as Restated |               |                         |           | <u>74,766,862</u>        |
| Net Position - Ending                |               |                         |           | <u><u>74,657,827</u></u> |

The notes to the financial statements are an integral part of this statement.

**DOWNERS GROVE SANITARY DISTRICT**

**Balance Sheet**

**April 30, 2020**

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**See Following Page**

# **DOWNERS GROVE SANITARY DISTRICT**

## **Balance Sheet**

**April 30, 2020**

|   | <u>General</u>                 |
|---|--------------------------------|
| <b>ASSETS</b>   |                                |
| Cash and Investments  | \$ 4,163,903                   |
| Receivables - Net of Allowances                                       |                                |
| Property Taxes  | 1,258,421                      |
| Other   | 1,862,013                      |
| Prepays   | <u>40,751</u>                  |
| Total Assets  | <u><u>7,325,088</u></u>        |
| <b>LIABILITIES</b>  |                                |
| Accounts Payable  | 284,607                        |
| Retainage Payable   | 113,527                        |
| Accrued Payroll   | <u>112,476</u>                 |
| Total Liabilities   | 510,610                        |
| <b>DEFERRED INFLOWS OF RESOURCES</b>                                  |                                |
| Property Taxes  | <u>629,210</u>                 |
| Total Liabilities and Deferred Inflows<br>of Resources                | <u><u>1,139,820</u></u>        |
| <b>FUND BALANCES</b>  |                                |
| Nonspendable  | 40,751                         |
| Restricted  | -                              |
| Assigned  | 1,724,755                      |
| Unassigned  | <u>4,419,762</u>               |
| Total Fund Balances   | <u><u>6,185,268</u></u>        |
| Total Liabilities, Deferred Inflows of<br>Resources and Fund Balances | <u><u><u>7,325,088</u></u></u> |

The notes to the financial statements are an integral part of this statement.

| Special<br>Revenue | Capital Projects |              |                       | Totals    |
|--------------------|------------------|--------------|-----------------------|-----------|
|                    | Improvement      | Construction | Special<br>Assessment |           |
| Public<br>Benefit  |                  |              |                       |           |
| 37,325             | 1,141,559        | 1,032,910    | -                     | 6,375,697 |
| -                  | -                | -            | -                     | 1,258,421 |
| -                  | 3,530            | -            | -                     | 1,865,543 |
| -                  | -                | -            | -                     | 40,751    |
| 37,325             | 1,145,089        | 1,032,910    | -                     | 9,540,412 |
| -                  | 5,893            | -            | -                     | 290,500   |
| -                  | -                | -            | -                     | 113,527   |
| -                  | -                | -            | -                     | 112,476   |
| -                  | 5,893            | -            | -                     | 516,503   |
| -                  | -                | -            | -                     | 629,210   |
| -                  | 5,893            | -            | -                     | 1,145,713 |
| -                  | -                | -            | -                     | 40,751    |
| 37,325             | 1,139,196        | 1,032,910    | -                     | 2,209,431 |
| -                  | -                | -            | -                     | 1,724,755 |
| -                  | -                | -            | -                     | 4,419,762 |
| 37,325             | 1,139,196        | 1,032,910    | -                     | 8,394,699 |
| 37,325             | 1,145,089        | 1,032,910    | -                     | 9,540,412 |

The notes to the financial statements are an integral part of this statement.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Reconciliation of Total Fund Balances to the Statement of Net Position April 30, 2020**

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|  |                                 |
|--|---------------------------------|
| <b>Total Fund Balances</b>   | <b>\$ 8,394,699</b>             |
| Amounts reported in the Statement of Net Position<br>are different because:  |                                 |
| Capital assets are not financial resources and therefore,<br>are not reported in the funds.                          | 71,651,920                      |
| Deferred outflows (inflows) of resources related to the pensions not reported in the funds.<br>Deferred Items - IMRF | (352,569)                       |
| Long-term liabilities are not due and payable in the current<br>period and therefore are not reported in the funds.  |                                 |
| Compensated Absences   | (237,013)                       |
| Net Pension Liability - IMRF   | (671,444)                       |
| Total OPEB Liability - RBP   | (940,077)                       |
| IEPA Loans Payable   | <u>(3,187,689)</u>              |
| <b>Net Position</b>  | <b><u><u>74,657,827</u></u></b> |

The notes to the financial statements are an integral part of this statement.

**DOWNERS GROVE SANITARY DISTRICT**

**Statement of Revenues, Expenditures and Changes in Fund Balances  
For the Fiscal Year Ended April 30, 2020**

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**See Following Page**

## DOWNERS GROVE SANITARY DISTRICT

### Statement of Revenues, Expenditures and Changes in Fund Balances For the Fiscal Year Ended April 30, 2020

|  | General                 |
|--|-------------------------|
| Revenues   |                         |
| Taxes  | \$ 1,299,040            |
| Charges for Services   | 7,961,375               |
| Grants and Donations   | 3,722                   |
| Investment Income  | 52,092                  |
| Miscellaneous  | 13,502                  |
| Total Revenues   | <u>9,329,731</u>        |
| Expenditures   |                         |
| General Government   | 8,140,810               |
| Capital Outlay   | -                       |
| Debt Service   |                         |
| Principal Retirement   | <u>181,591</u>          |
| Total Expenditures   | <u>8,322,401</u>        |
| Excess (Deficiency) of Revenues<br>Over (Under) Expenditures | <u>1,007,330</u>        |
| Other Financing Sources (Uses)                               |                         |
| Transfer In  | 20,099                  |
| Transfer Out   | -                       |
|  | <u>20,099</u>           |
| Net Change in Fund Balance                                   | 1,027,429               |
| Fund Balances - Beginning as Restated                        | <u>5,157,839</u>        |
| Fund Balances - Ending                                       | <u><u>6,185,268</u></u> |

The notes to the financial statements are an integral part of this statement.

| Special<br>Revenue | Capital Projects |              |                       | Totals     |
|--------------------|------------------|--------------|-----------------------|------------|
|                    | Improvement      | Construction | Special<br>Assessment |            |
| Public<br>Benefit  |                  |              |                       |            |
| -                  | -                | -            | -                     | 1,299,040  |
| -                  | 57,500           | 237,232      | -                     | 8,256,107  |
| -                  | -                | 500,000      | -                     | 503,722    |
| 856                | 24,628           | 9,114        | 327                   | 87,017     |
| -                  | -                | -            | -                     | 13,502     |
| 856                | 82,128           | 746,346      | 327                   | 10,159,388 |
| -                  | -                | -            | -                     | 8,140,810  |
| -                  | 11,370           | -            | -                     | 11,370     |
| -                  | 93,191           | 28,807       | -                     | 303,589    |
| -                  | 104,561          | 28,807       | -                     | 8,455,769  |
| 856                | (22,433)         | 717,539      | 327                   | 1,703,619  |
| -                  | -                | -            | -                     | 20,099     |
| -                  | -                | -            | (20,099)              | (20,099)   |
| -                  | -                | -            | (20,099)              | -          |
| 856                | (22,433)         | 717,539      | (19,772)              | 1,703,619  |
| 36,469             | 1,161,629        | 315,371      | 19,772                | 6,691,080  |
| 37,325             | 1,139,196        | 1,032,910    | -                     | 8,394,699  |

The notes to the financial statements are an integral part of this statement.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund Balances to the Statement of Activities**

**For the Fiscal Year Ended April 30, 2020**

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|                                    |                     |
|------------------------------------|---------------------|
| <b>Net Change in Fund Balances</b> | <b>\$ 1,703,619</b> |
|------------------------------------|---------------------|

Amounts reported in the Statement of Activities  
are different because:

Governmental funds report capital outlays as expenditures. However, in the  
Statement of Activities the cost of those assets is allocated over their estimated  
useful lives and reported as depreciation expense.

|                                      |             |
|--------------------------------------|-------------|
| Capital Outlays                      | 784,596     |
| Depreciation Expense                 | (2,011,391) |
| Disposals - Cost                     | (1,225,638) |
| Disposals - Accumulated Depreciation | 336,807     |

The net effect of deferred outflows (inflows) of resources related to the pensions  
not reported in the funds.

|                                 |             |
|---------------------------------|-------------|
| Change in Deferred Items - IMRF | (1,431,604) |
| Change in Deferred Items - RBP  | (13,281)    |

The issuance of long-term debt provides current financial resources to  
governmental funds, while the repayment of the principal on long-term  
debt consumes the current financial resources of the governmental funds.

|  |                |
|--|----------------|
| Change in Compensated Absences         | (8,950)        |
| Change in Net Pension Liability - IMRF | 1,562,188      |
| Change in Total OPEB Liability - RBP   | (108,970)      |
| Retirement of Debt                     | <u>303,589</u> |

|                                |                         |
|--------------------------------|-------------------------|
| <b>Changes in Net Position</b> | <b><u>(109,035)</u></b> |
|--------------------------------|-------------------------|

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The Downers Grove Sanitary District (the District) was incorporated to provide and maintain economical treatment of the domestic and industrial wastes collected at its sewage treatment plant so that the wastes are given the degree of treatment necessary to prevent pollution of the water of the State of Illinois.

The government-wide financial statements are prepared in accordance with generally accepted accounting principles in the United States (GAAP). The Governmental Accounting Standards Board (GASB) is responsible for establishing GAAP in the United States for state and local governments through its pronouncements (Statements and Interpretations). The more significant of the District's accounting policies established in GAAP in the United States and used by the District are described below.

#### **REPORTING ENTITY**

The District includes all funds of its operations that are controlled by or dependent upon the District as determined on a basis of financial accountability. Financial accountability includes appointment of the organization's governing body, imposition of will, and fiscal dependency. This report represents the financial activity of the District for the year.

#### **BASIS OF PRESENTATION**

##### **Government-Wide and Fund Financial Statements**

The government-wide Statement of Activities reports both the gross and net cost of the District's functions. The District's activities are supported by taxes and charges for services revenues. The Statement of Activities reduces gross expenses (including depreciation) by related program revenues, which include 1) charges to customers or applicants who purchase, use or directly benefit from goods, services or privileges provided by a given function or segment and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment.

The financial transactions of the District are reported in individual funds in the fund financial statements. Each fund is accounted for by providing a separate set of self-balancing accounts that comprise its assets, liabilities, reserves, fund equity, revenues and expenditures. The District accounts for all of its activities in governmental funds, with the emphasis in the fund financial statements being on the major funds.

Nonmajor funds by category are summarized into a single column. GASB Statement No. 34 sets forth minimum criteria (percentage of the assets, liabilities, revenues or expenditures of either fund category) for the determination of major funds.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued**

##### **BASIS OF PRESENTATION – Continued**

##### **Government–Wide and Fund Financial Statements – Continued**

##### **Governmental Funds**

The following fund types are used by the District:

The focus of the governmental funds' measurement (in the fund statements) is upon determination of financial position and changes in financial position (sources, uses, and balances of financial resources) rather than upon net income. The following is a description of the governmental funds of the District:

*General Fund* is the general operating fund of the District. It is used to account for all financial resources, except for those required to be accounted for in another fund. The General Fund is a major fund.

*Special revenues funds* are used to account for the proceeds of specific revenue sources that are legally restricted to expenditures for specified purposes. The District maintains one major special revenue fund. The Public Benefit Fund is used to account for the payment of sewer extensions or sewer special assessments which the District Board of Trustees deems to be of benefit to an area larger than the immediate service area.

*Capital projects funds* are used to account for financial resources to be used for the acquisition or construction of major capital facilities. The District reports three capital projects funds. The Improvement Fund, a major fund, is used to account for sewer system, pump station improvements, and repayment of loans to the Illinois Environmental Protection Agency. The Construction Fund, a major fund, is used to account for improvements and expansions to the Wastewater Treatment Center and repayment of loans to the Illinois Environmental Protection Agency. The Special Assessment Fund, also a major fund, is used to account for the installation of the public sanitary sewers in special assessment areas.

Measurement focus is a term used to describe “which” transactions are recorded within the various financial statements. Basis of accounting refers to “when” transactions are recorded regardless of the measurement focus applied.

On the government-wide Statement of Net Position and the Statement of Activities, activities are presented using the economic resources measurement focus as defined below. In the fund financial statements, the “current financial resources” measurement focus or the “economic resources” measurement focus is used as appropriate.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued**

##### **MEASUREMENT FOCUS AND BASIS OF ACCOUNTING**

###### **Measurement Focus**

The District's funds utilize a "current financial resources" measurement focus. Only current financial assets and liabilities are generally included on their balance sheets. Their operating statements present sources and uses of available spendable financial resources during a given period. These funds use fund balance as their measure of available spendable financial resources at the end of the period.

The accounting objectives of the "economic resources" measurement focus is the determination of operating income, changes in net position (or cost recovery), financial position, and cash flows. All assets/deferred outflows, liabilities/deferred inflows (whether current or noncurrent) associated with their activities are reported.

###### **Basis of Accounting**

In the government-wide Statement of Net Position and Statement of Activities, activities are presented using the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned and expenses are recorded when the liability/deferred inflow is incurred or economic asset used. Revenues, expenses, gains, losses, assets/deferred outflows, and liabilities/deferred inflows resulting from exchange and exchange-like transactions are recognized when the exchange takes place.

In the fund financial statements, funds are presented on the modified accrual basis of accounting. Under this modified accrual basis of accounting, revenues are recognized when "measurable and available." Measurable means knowing or being able to reasonably estimate the amount. Available means collectible within the current period or within sixty days after year-end. The District recognizes property taxes when they become both measurable and available in accordance with GASB Codification Section P70. A sixty-day availability period is used for revenue recognition for all other fund revenues. Expenditures (including capital outlay) are recorded when the related fund liability/deferred inflow is incurred, except for general obligation bond principal and interest which are recognized when due.

In applying the susceptible to accrual concept under the modified accrual basis, those revenues susceptible to accrual are property taxes, interest revenue, and charges for services. All other revenues are not susceptible to accrual because generally they are not measurable until received in cash.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued**

#### **ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY**

##### **Cash and Investments**

For the purpose of the Statement of Net Position, the District's cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with original maturities of three months or less from the date of purchase.

Investments are generally reported at fair value. Short-term investments are reported at cost, which approximates fair value. For investments, the District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. All of the District's investments are in 2a7-like investment pools that are measured at the net asset value per share determined by the pool.

##### **Receivables**

In the government-wide financial statements, receivables consist of all revenues earned at year-end and not yet received. Allowances for uncollectible accounts receivable are based upon historical trends and the periodic aging of accounts receivable. Major receivables balances include property taxes.

##### **Prepays**

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaids in both the government-wide and fund financial statements. Prepaids are valued at cost, which approximates market, using the first-in/first-out (FIFO) method. The costs of governmental fund-type prepaids are recorded as expenditures when consumed rather than when purchased.

##### **Capital Assets**

Capital assets purchased, or acquired with an original cost of \$5,000, or more, are reported at historical cost or estimated historical cost. Contributed assets are reported at acquisition value as of the date received. Upgrades or rehabilitation that significantly extend the useful life of an asset are capitalized. Other costs incurred for repairs and maintenance are expensed as incurred.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements**

**April 30, 2020**

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#### **NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued**

#### **ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY – Continued**

##### **Capital Assets – Continued**

The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. General capital assets are long-lived assets of the District as a whole. When purchased, such assets are recorded as expenditures in the governmental fund and capitalized. The valuation basis for general capital assets are historical cost, or where historical cost is not available, estimated historical cost based on replacement costs.

Depreciation on all assets is computed and recorded using the straight-line method of depreciation over the following estimated useful lives:

|                               |                |
|-------------------------------|----------------|
| Buildings and Equipment       | 5 - 75 Years   |
| Sanitary Sewer Infrastructure | 20 - 100 Years |

##### **Compensated Absences**

The District accrues accumulated unpaid vacation and associated employee-related costs when earned (or estimated to be earned) by the employee. In accordance with GASB Statement No. 16, no liability is recorded for nonvesting accumulation rights to receive sick pay benefits. However, a liability is recognized for that portion of accumulated sick leave that is estimated to be taken as “terminal leave” prior to retirement.

All vacation pay is accrued when incurred in the government-wide and proprietary fund financial statements. A liability for these amounts is reported in the governmental funds only if they have matured, for example, as a result of employee resignations and retirements.

##### **Deferred Outflows/Inflows of Resources**

Deferred outflow/inflow of resources represents an acquisition/reduction of net position that applies to a future period and therefore will not be recognized as an outflow of resources (expense)/inflow of resources (revenue) until that future time.

**DOWNERS GROVE SANITARY DISTRICT**

**Notes to the Financial Statements  
April 30, 2020**

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**NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued**

**ASSETS/DEFERRED OUTFLOWS, LIABILITIES/DEFERRED INFLOWS, AND NET POSITION OR EQUITY – Continued**

**Net Position**

In the government-wide financial statements, equity is classified as net position and displayed in three components:

Net Investment in Capital Assets – Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction, or improvement of those assets, as applicable.

Restricted – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.

Unrestricted – All other net position that do not meet the definition of “restricted” or “net investment in capital assets.”

**NOTE 2 – STEWARDSHIP, COMPLIANCE, AND ACCOUNTABILITY**

**BUDGETARY INFORMATION**

The budget, levy and appropriation is prepared on the same basis and uses the same accounting practices as are used in the fund financial statements. Unexpended budget amounts lapse at the end of the budget year. Spending controls for the fund is established by the amount of expenditures budgeted for the fund, but management control is exercised at budgetary line level items. Expenditures may not exceed appropriations. During the fiscal year there were no supplemental appropriations. The District does not budget for the Special Assessment Fund.

**EXCESS OF ACTUAL EXPENDITURES OVER BUDGET IN INDIVIDUAL FUND**

The following fund had an excess of actual expenditures over budget as of the date of this report:

| <u>Fund</u> | <u>Excess</u> |
|-------------|---------------|
| Improvement | \$ 3,861      |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 3 – DETAIL NOTES ON ALL FUNDS**

##### **DEPOSITS AND INVESTMENTS**

The District maintains a cash and investment pool that is available for use by all funds. Each fund type's portion of this pool is displayed on the financial statements as "cash and investments."

Permitted Deposits and Investments – Statutes authorize the District to make deposits/invest in commercial banks, savings and loan institutions, obligations of the U.S. Treasury and U.S. Agencies, obligations of States and their political subdivisions, credit union shares, repurchase agreements, commercial paper rated within the three highest classifications by at least two standard rating services, and Illinois Funds.

The Illinois Funds is an investment pool managed by the Illinois Public Treasurer's Office which allows governments within the State to pool their funds for investment purposes. The Illinois Funds is not registered with the SEC as an investment company. Investments in Illinois Funds are valued at the share price, the price for which the investment could be sold.

##### **Interest Rate Risk, Credit Risk, Custodial Credit Risk and Concentration Risk**

*Deposits.* At year-end, the carrying amount of the District's deposits totaled \$3,379,651 and the bank balances totaled \$3,395,316. In addition, the District had \$2,996,046 invested in the Illinois Funds, which has an average maturity of less than one year.

*Interest Rate Risk.* Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The District's investment policy does not address interest rate risk.

*Credit Risk.* Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The District's investment policy does not address credit risk. The District's investment in the Illinois Funds was rated AAAm by Standard & Poor's.

*Custodial Credit Risk.* In the case of deposits, this is the risk that in the event of a bank failure, the District's deposits may not be returned to it. The District's investment policy does not address custodial credit risk for deposits. At year-end, the entire amount of the bank balance of deposits was covered by collateral, federal depository or equivalent insurance.

## DOWNERS GROVE SANITARY DISTRICT

### Notes to the Financial Statements April 30, 2020

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#### NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

##### DEPOSITS AND INVESTMENTS – Continued

##### Interest Rate Risk, Credit Risk, Custodial Credit Risk and Concentration Risk – Continued

*Custodial Credit Risk – Continued.* For an investment, this is the risk that in the event of the failure of the counterparty, the District will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The District's investment policy does not specifically address custodial credit risk for investments. The District's investment in the Illinois Fund is not subject to custodial credit risk.

*Concentration of Credit Risk.* This is the risk of loss attributed to the magnitude of the District's investment in a single issuer. The District's investment policy does not address concentration of credit risk. At year-end, the District does not have any investments over 5 percent of the total cash and investment portfolio (other than investments issued or explicitly guaranteed by the U.S. government and investments in mutual funds, external investment pools, and other pooled investments).

##### PROPERTY TAXES

Property taxes for 2019 attach as an enforceable lien on January 1, 2019, on property values assessed as of the same date. Taxes are levied by December of the subsequent fiscal year (by passage of a Tax Levy Ordinance). Tax bills are prepared by DuPage County and are payable in two installments, on or about June 1, and September 1. The County collects such taxes and remits them periodically.

##### INTERFUND TRANSFERS

Interfund transfers for the year consisted of the following:

| Transfer In | Transfer Out       | Amount           |
|-------------|--------------------|------------------|
| General     | Special Assessment | <u>\$ 20,099</u> |

The District transferred the remaining fund balance in the Special Assessment Fund to the General Fund as of April 30, 2020.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued**

##### **CAPITAL ASSETS**

Capital asset activity for the year was as follows:

|                                      | Beginning<br>Balances | Increases          | Decreases        | Ending<br>Balances |
|--------------------------------------|-----------------------|--------------------|------------------|--------------------|
| Nondepreciable Capital Assets        |                       |                    |                  |                    |
| Land                                 | \$ 2,455,790          | -                  | -                | 2,455,790          |
| Construction in Progress             | 1,135,267             | 135,432            | -                | 1,270,699          |
|                                      | <u>3,591,057</u>      | <u>135,432</u>     | <u>-</u>         | <u>3,726,489</u>   |
| Depreciable Capital Assets           |                       |                    |                  |                    |
| Buildings and Equipment              | 57,324,529            | 404,232            | 1,171,073        | 56,557,688         |
| Sanitary Sewer Infrastructure        | 63,232,228            | 244,932            | 54,565           | 63,422,595         |
|                                      | <u>120,556,757</u>    | <u>649,164</u>     | <u>1,225,638</u> | <u>119,980,283</u> |
| Less Accumulated Depreciation        |                       |                    |                  |                    |
| Buildings and Equipment              | 29,674,991            | 1,203,562          | 310,071          | 30,568,482         |
| Sanitary Sewer Infrastructure        | 20,705,277            | 807,829            | 26,736           | 21,486,370         |
|                                      | <u>50,380,268</u>     | <u>2,011,391</u>   | <u>336,807</u>   | <u>52,054,852</u>  |
| Total Net Depreciable Capital Assets | <u>70,176,489</u>     | <u>(1,362,227)</u> | <u>888,831</u>   | <u>67,925,431</u>  |
| Total Net Capital Assets             | <u>73,767,546</u>     | <u>(1,226,795)</u> | <u>888,831</u>   | <u>71,651,920</u>  |

Depreciation expense of \$2,011,391 was charged to the general government function.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued**

##### **LONG-TERM DEBT**

##### **IEPA Loans Payable**

The District has entered into loan agreements with the IEPA to provide no interest financing for waterworks and sewerage improvements. IEPA loans currently outstanding are as follows:

| Issue   | Beginning<br>Balances | Issuances | Retirements | Ending<br>Balances |
|---|-----------------------|-----------|-------------|--------------------|
| Illinois Environmental Protection Agency<br>(IEPA) Loan of 2010, due in annual<br>installments of \$303,590, non-interest<br>bearing, through November 2, 2030. | \$ 3,491,278          | -         | 303,589     | 3,187,689          |

##### **Long-Term Liability Activity**

Changes in long-term liabilities during the fiscal year were as follows:

| Type of Debt                 | Beginning<br>Balances | Additions | Deductions | Ending<br>Balances | Amounts<br>Due within<br>One Year |
|------------------------------|-----------------------|-----------|------------|--------------------|-----------------------------------|
| Governmental Activities      |                       |           |            |                    |                                   |
| Compensated Absences         | \$ 228,063            | 17,901    | 8,951      | 237,013            | 47,403                            |
| Net Pension Liability - IMRF | 2,233,632             | -         | 1,562,188  | 671,444            | -                                 |
| Total OPEB Liability - RBP   | 831,107               | 108,970   | -          | 940,077            | -                                 |
| IEPA Loans Payable           | 3,491,278             | -         | 303,589    | 3,187,689          | 303,590                           |
|                              | 6,784,080             | 126,871   | 1,874,728  | 5,036,223          | 350,993                           |

The General Fund makes payments on the compensated absences, the net pension liability, and the total OPEB liability. Payments on the IEPA loans payable are made by the General, Improvement and Construction Funds.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued**

##### **LONG-TERM DEBT – Continued**

##### **Debt Service Requirements to Maturity**

The annual debt service requirements to maturity, including principal and interest, are as follows:

| Fiscal<br>Year | Governmental Activities |          |
|----------------|-------------------------|----------|
|                | IEPA Loans              |          |
|                | Payable                 |          |
|                | Principal               | Interest |
| 2021           | \$ 303,590              | -        |
| 2022           | 303,590                 | -        |
| 2023           | 303,590                 | -        |
| 2024           | 303,590                 | -        |
| 2025           | 303,590                 | -        |
| 2026           | 303,590                 | -        |
| 2027           | 303,590                 | -        |
| 2028           | 303,590                 | -        |
| 2029           | 303,590                 | -        |
| 2030           | 303,590                 | -        |
| 2031           | 151,789                 | -        |
| Totals         | 3,187,689               | -        |

#### **NET POSITION/FUND BALANCE**

##### **Net Position Classifications**

Net investment in capital assets was comprised of the following as of April 30, 2020:

|  |                    |
|--|--------------------|
| Governmental Activities                          |                    |
| Capital Assets - Net of Accumulated Depreciation | \$ 71,651,920      |
| Less Capital Related Debt:                       |                    |
| IEPA Loan of 2010                                | <u>(3,187,689)</u> |
| Net Investment in Capital Assets                 | <u>68,464,231</u>  |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued**

##### **NET POSITION/FUND BALANCE – Continued**

##### **Fund Balance Classification**

In the governmental funds financial statements, the District considers restricted amounts to have been spent when an expenditure is incurred for purposes for which both restricted and unrestricted fund balance is available. The District first utilizes committed, then assigned and then unassigned fund balance when an expenditure is incurred for purposes for which all three unrestricted fund balances are available.

*Nonspendable Fund Balance.* Consists of resources that cannot be spent because they are either: a) not in a spendable form; or b) legally or contractually required to be maintained intact.

*Restricted Fund Balance.* Consists of resources that are restricted to specific purposes, that is, when constraints placed on the use of resources are either: a) externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments; or b) imposed by law through constitutional provisions or enabling legislation.

*Committed Fund Balance.* Consists of resources constrained (issuance of an ordinance) to specific purposes by the government itself, using its highest level of decision-making authority, the Board of Trustees; to be reported as committed, amounts cannot be used for any other purpose unless the government takes the same highest-level action to remove or change the constraint.

*Assigned Fund Balance.* Consists of amounts that are constrained by the Board of Trustees' intent to be used for specific purposes but are neither restricted nor committed. Intent is expressed by a) the Board of Trustees itself or b) a body or official to which the Board of Trustees has delegated the authority to assign amounts to be used for specific purposes. The District's highest level of decision-making authority is the Board of Trustees, who is authorized to assign amounts to a specific purpose.

*Unassigned Fund Balance.* Consists of residual net resources of a fund that has not been restricted, committed, or assigned within the General Fund and deficit fund balances of other governmental funds.

*Minimum Fund Balance Policy.* The District's policy manual states that the General Fund should maintain a minimum fund balance equal to 25% of annual operating expenditures.

## DOWNERS GROVE SANITARY DISTRICT

### Notes to the Financial Statements April 30, 2020

#### NOTE 3 – DETAIL NOTES ON ALL FUNDS – Continued

#### NET POSITION/FUND BALANCE – Continued

#### Fund Balance Classification – Continued

The following is a schedule of fund balance classifications for the governmental funds as of the date of this report:

|                       | General   | Special<br>Revenue<br>Public<br>Benefit | Improvement | Capital Projects<br>Construction | Special<br>Assessment | Totals    |
|-----------------------|-----------|---|-------------|----------------------------------|-----------------------|-----------|
| Fund Balances         |           |   |             |                                  |                       |           |
| Nonspendable          |           |   |             |                                  |                       |           |
| Prepays               | \$ 40,751 | -                                       | -           | -                                | -                     | 40,751    |
| Restricted            |           |   |             |                                  |                       |           |
| Public Benefits       | -         | 37,325                                  | -           | -                                | -                     | 37,325    |
| Capital Projects      | -         | -                                       | 1,139,196   | 1,032,910                        | -                     | 2,172,106 |
|                       | -         | 37,325                                  | 1,139,196   | 1,032,910                        | -                     | 2,209,431 |
| Assigned              |           |   |             |                                  |                       |           |
| Construction Projects | 1,724,755 | -                                       | -           | -                                | -                     | 1,724,755 |
| Unassigned            | 4,419,762 | -                                       | -           | -                                | -                     | 4,419,762 |
| Total Fund Balances   | 6,185,268 | 37,325                                  | 1,139,196   | 1,032,910                        | -                     | 8,394,699 |

#### Net Position/Fund Balance Restatement

Beginning net position/fund balance was restated due to the implementation of GASB Statement No. 84. The following is a summary of the net position/fund balance as originally reported and as restated:

| Net Position/Fund Balance | As Reported   | As Restated | Increase |
|---------------------------|---------------|-------------|----------|
| Governmental Activities   | \$ 74,759,602 | 74,766,862  | 7,260    |
| General                   | 5,150,579     | 5,157,839   | 7,260    |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 4 – OTHER INFORMATION**

##### **RISK MANAGEMENT**

The District is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The District carries commercial insurance for all risks of loss including worker's compensation and employee health insurance. Settled claims resulting from these risks have not exceeded commercial insurance coverage in the past three fiscal years.

##### **CONTINGENT LIABILITIES**

###### **Litigation**

The District is not a defendant in any lawsuits.

###### **Grants**

Amounts received or receivable from grantor agencies are subject to audit and adjustment by grantor agencies, principally the federal government. Any disallowed claims, including amounts already collected, may constitute a liability of the applicable funds. The amount, if any, of expenditures which may be disallowed by the grantor cannot be determined at this time although the District expects such amounts, if any, to be immaterial.

###### **Financial Impact of COVID-19**

In March 2020, the World Health Organization declared the COVID-19 virus a public health emergency. As of the date of this report, the extent of the impact of COVID-19 on the District's operations and financial position cannot be determined.

##### **NONDOMESTIC WASTE**

The District received 4.468 billion gallons of waste water from 20,226 users (of which 649 are nonmetered). The District billed users for 1.802 billion gallons. Of the 20,226 users of the system, the following discharge nondomestic waste:

| User                    | Volume<br>(Gallons Per Day) |
|-------------------------|-----------------------------|
| Good Samaritan Hospital | 30,607                      |
| Mar Cor Services        | 2,800                       |
| Bales Mold Service      | 2,098                       |
| Rexnord, Inc.           | 686                         |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 4 – OTHER INFORMATION – Continued**

##### **EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN**

###### **Illinois Municipal Retirement Fund (IMRF)**

The District contributes to the Illinois Municipal Retirement Fund (IMRF), a defined benefit agent multiple-employer public employee retirement system. IMRF issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole, but not by individual employer. That report may be obtained online at [www.imrf.org](http://www.imrf.org). The benefits, benefit levels, employee contributions, and employer contributions are governed by Illinois Compiled Statutes (ILCS) and can only be amended by the Illinois General Assembly.

###### **Plan Descriptions**

*Plan Administration.* All employees hired in positions that meet or exceed the prescribed annual hourly standard must be enrolled in IMRF as participating members. The plan is accounted for on the economic resources measurement focus and the accrual basis of accounting. Employer and employee contributions are recognized when earned in the year that the contributions are required, benefits and refunds are recognized as an expense and liability when due and payable.

*Benefits Provided.* IMRF has three benefit plans. The vast majority of IMRF members participate in the Regular Plan (RP). The Sheriff's Law Enforcement Personnel (SLEP) plan is for sheriffs, deputy sheriffs, and selected police chiefs. Counties could adopt the Elected County Official (ECO) plan for officials elected prior to August 8, 2011 (the ECO plan was closed to new participants after that date).

IMRF provides two tiers of pension benefits. Employees hired *before* January 1, 2011, are eligible for Tier 1 benefits. Tier 1 employees are vested for pension benefits when they have at least eight years of qualifying service credit. Tier 1 employees who retire at age 55 (at reduced benefits) or after age 60 (at full benefits) with eight years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings during any consecutive 48 months within the last 10 years of service, divided by 48. Under Tier 1, the pension is increased by 3% of the original amount on January 1 every year after retirement.

## DOWNERS GROVE SANITARY DISTRICT

### Notes to the Financial Statements April 30, 2020

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#### NOTE 4 – OTHER INFORMATION – Continued

#### EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

#### Illinois Municipal Retirement Fund (IMRF) – Continued

#### Plan Descriptions – Continued

*Benefits Provided - Continued.* Employees hired **on or after** January 1, 2011, are eligible for Tier 2 benefits. For Tier 2 employees, pension benefits vest after ten years of service. Participating employees who retire at age 62 (at reduced benefits) or after age 67 (at full benefits) with ten years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings up to a statutorily set maximum during any 96 consecutive months within the last 10 years of service, divided by 96. Under Tier 2, the pension is increased on January 1 every year after retirement, upon reaching age 67, by the *lesser* of:

- 3% of the original pension amount, or
- 1/2 of the increase in the Consumer Price Index of the original pension amount.

*Plan Membership.* As of December 31, 2019, the measurement date, the following employees were covered by the benefit terms:

|  |           |
|--|-----------|
| Inactive Plan Members Currently Receiving Benefits               | 27        |
| Inactive Plan Members Entitled to but not yet Receiving Benefits | 18        |
| Active Plan Members  |           |
| Tier 1   | 25        |
| Tier 2   | <u>14</u> |
| Total  | <u>84</u> |

*Contributions.* As set by statute, the District's Regular Plan Members are required to contribute 4.5% of their annual covered salary. The statute requires employers to contribute the amount necessary, in addition to member contributions, to finance the retirement coverage of its own employees. For the year-ended April 30, 2020, the District's contribution was 9.59% of covered payroll.

*Net Pension Liability.* The District's net pension liability was measured as of December 31, 2019. The total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements**

**April 30, 2020**

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#### **NOTE 4 – OTHER INFORMATION – Continued**

##### **EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued**

##### **Illinois Municipal Retirement Fund (IMRF) – Continued**

##### **Plan Descriptions – Continued**

*Actuarial Assumptions.* The total pension liability was determined by an actuarial valuation performed, as of December 31, 2019, using the following actuarial methods and assumptions:

|                            |                     |
|----------------------------|---------------------|
| Actuarial Cost Method      | Entry Age<br>Normal |
| Asset Valuation Method     | Market              |
| Actuarial Assumptions      |                     |
| Interest Rate              | 7.25%               |
| Salary Increases           | 3.35% to 14.25%     |
| Cost of Living Adjustments | 2.50%               |
| Inflation                  | 2.50%               |

For non-disabled retirees, an IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015). The IMRF specific rates were developed from the RP-2014 Blue Collar Health Annuitant Mortality Table with adjustments to match current IMRF experience. For disabled retirees, an IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015). The IMRF specific rates were developed from the RP-2014 Disabled Retirees Mortality Table applying the same adjustment that were applied for non-disabled lives. For active members, an IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015). The IMRF specific rates were developed from the RP-2014 Employee Mortality Table with adjustments to match current IMRF experience.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 4 – OTHER INFORMATION – Continued**

#### **EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued**

#### **Illinois Municipal Retirement Fund (IMRF) – Continued**

#### **Plan Descriptions – Continued**

*Actuarial Assumptions – Continued.* The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense, and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return to the target asset allocation percentage and adding expected inflation. The target allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

| Asset Class               | Target | Long-Term<br>Expected Real<br>Rate of Return |
|---------------------------|--------|--|
| Fixed Income              | 28.00% | 3.25%  |
| Domestic Equities         | 37.00% | 5.75%  |
| International Equities    | 18.00% | 6.50%  |
| Real Estate               | 9.00%  | 5.20%  |
| Blended                   | 7.00%  | 3.60% - 7.60%                                |
| Cash and Cash Equivalents | 1.00%  | 1.85%  |

#### **Discount Rate**

The discount rate used to measure the total pension liability was 7.25%, the same as in the prior valuation. The projection of cash flows used to determine the discount rate assumed that member contributions will be made at the current contribution rate and that District contributions will be made at rates equal to the difference between the actuarially determined contribution rates and the member rate. Based on those assumptions, the Fund's fiduciary net position was projected to be available to make all project future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all period of projected benefit payments to determine the total pension liability.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 4 – OTHER INFORMATION – Continued**

##### **EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued**

##### **Illinois Municipal Retirement Fund (IMRF) – Continued**

##### **Discount Rate Sensitivity**

The following is a sensitivity analysis of the net pension liability/(asset) to changes in the discount rate. The table below presents the net pension liability/(asset) of the District calculated using the discount rate as well as what the District's net pension liability/(asset) would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

|                                  | 1% Decrease<br>(6.25%) | Current<br>Discount Rate<br>(7.25%) | 1% Increase<br>(8.25%) |
|----------------------------------|------------------------|-------------------------------------|------------------------|
| Net Pension Liability/(Asset) \$ | 2,895,101              | 671,444                             | (1,169,111)            |

##### **Changes in the Net Pension Liability**

|   | Total<br>Pension<br>Liability<br>(A) | Plan Fiduciary<br>Net Position<br>(B) | Net Pension<br>Liability<br>(A) - (B) |
|---|--------------------------------------|---------------------------------------|---------------------------------------|
| Balances at December 31, 2018   | \$ 16,731,056                        | 14,497,424                            | 2,233,632                             |
| Changes for the Year:   |                                      |                                       |                                       |
| Service Cost  | 294,834                              | -                                     | 294,834                               |
| Interest on the Total Pension Liability   | 1,195,585                            | -                                     | 1,195,585                             |
| Difference Between Expected and Actual<br>Experience of the Total Pension Liability | 159,402                              | -                                     | 159,402                               |
| Changes of Assumptions  | -                                    | -                                     | -                                     |
| Contributions - Employer  | -                                    | 255,585                               | (255,585)                             |
| Contributions - Employees   | -                                    | 128,794                               | (128,794)                             |
| Net Investment Income   | -                                    | 2,633,242                             | (2,633,242)                           |
| Benefit Payments, including Refunds<br>of Employee Contributions                    | (775,302)                            | (775,302)                             | -                                     |
| Other (Net Transfer)  | -                                    | 194,388                               | (194,388)                             |
| Net Changes   | 874,519                              | 2,436,707                             | (1,562,188)                           |
| Balances at December 31, 2019   | 17,605,575                           | 16,934,131                            | 671,444                               |

## DOWNERS GROVE SANITARY DISTRICT

### Notes to the Financial Statements April 30, 2020

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#### NOTE 4 – OTHER INFORMATION – Continued

#### EMPLOYEE RETIREMENT SYSTEM – DEFINED BENEFIT PENSION PLAN – Continued

#### Illinois Municipal Retirement Fund (IMRF) – Continued

#### Pension Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to Pensions

For the year ended April 30, 2020, the District recognized pension expense of \$154,677. At April 30, 2020, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

|   | Deferred<br>Outflows of<br>Resources | Deferred<br>Inflows of<br>Resources | Totals    |
|---|--------------------------------------|-------------------------------------|-----------|
| Difference Between Expected and Actual Experience                                   | \$ 239,816                           | (135,597)                           | 104,219   |
| Change in Assumptions   | 293,784                              | (235,436)                           | 58,348    |
| Net Difference Between Projected and Actual<br>Earnings on Pension Plan Investments | -                                    | (625,963)                           | (625,963) |
| Total Pension Expense to be Recognized<br>in Future Periods                         | 533,600                              | (996,996)                           | (463,396) |
| Pension Contributions Made Subsequent<br>to the Measurement Date                    | 110,827                              | -                                   | 110,827   |
| Total Deferred Amounts Related to IMRF  | 644,427                              | (996,996)                           | (352,569) |

\$110,827 reported as deferred outflows of resources related to pensions resulting from employer contributions subsequent to the measurement date and will be recognized as a reduction of the net pension liability in the reporting year ended April 30, 2021.

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in future periods as follows:

| Fiscal<br>Year | Net Deferred<br>Outflows/<br>(Inflows)<br>of Resources |
|----------------|--|
| 2021           | \$ (147,315)   |
| 2022           | (178,305)  |
| 2023           | 135,500  |
| 2024           | (273,276)  |
| 2025           | -  |
| Thereafter     | -  |
| Total          | (463,396)  |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements**

**April 30, 2020**

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#### **NOTE 4 – OTHER INFORMATION – Continued**

##### **OTHER POST-EMPLOYMENT BENEFITS**

###### **General Information about the OPEB Plan**

*Plan Description.* The District's defined benefit OPEB plan, Retiree Benefits Plan (RBP), provides OPEB for all permanent full-time general and public safety employees of the District. RBP is a single-employer defined benefit OPEB plan administered by the District. Article 11 of the State Compiled Statutes grants the authority to establish and amend the benefit terms and financing requirements to the District Board. No assets are accumulated in a trust that meets the criteria in paragraph 4 of Statement 75.

*Benefits Provided.* RBP provides healthcare, dental, and vision benefits for retirees and their dependents. Retirees and their dependents pay the full cost of the coverage. Coverage ends when the retiree stops paying for the coverage.

*Plan Membership.* As of April 30, 2020, the measurement date, the following employees were covered by the benefit terms:

|  |                  |
|--|------------------|
| Inactive Plan Members Currently Receiving Benefits               | 4                |
| Inactive Plan Members Entitled to but not yet Receiving Benefits | -                |
| Active Plan Members  | <u>34</u>        |
| Total  | <u><u>38</u></u> |

###### **Total OPEB Liability**

The District's total OPEB liability was measured as of April 30, 2020, and was determined by an actuarial valuation as of that date.

*Actuarial assumptions and other inputs.* The total OPEB liability in the April 30, 2020 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

## DOWNERS GROVE SANITARY DISTRICT

### Notes to the Financial Statements

April 30, 2020

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#### NOTE 4 – OTHER INFORMATION – Continued

#### OTHER POST-EMPLOYMENT BENEFITS – Continued

#### Total OPEB Liability – Continued

##### *Actuarial assumptions and other inputs – Continued.*

|  |  |
|--|--|
| Inflation                                | 2.50%  |
| Salary Increases                         | 2.25%  |
| Discount Rate                            | 2.56%  |
| Healthcare Cost Trend Rates              | The initial trend rate is based on known information with the second rate following the 2019 Segal Health Plan Cost Trend Survey. The grading period and ultimate trend rates selected fall within a generally accepted range. |
| Retirees' Share of Benefit-Related Costs | 100% of projected health insurance premiums for retirees   |

The discount rate was based on a combination of the Expected Long-Term Rate of Return on Plan Assets and the municipal bond rate.

Mortality rates were based on the Sex Distinct Raw Rates as developed in the RP-2014 Study, with Blue Collar Adjustment. These rates are improved generationally using MP-2016 Improvement Rates.

#### Change in the Total OPEB Liability

|  |                            |
|--|----------------------------|
|  | Total<br>OPEB<br>Liability |
| Balance at April 30, 2019              | <u>\$ 831,107</u>          |
| Changes for the Year:                  |                            |
| Service Cost                           | 12,508                     |
| Interest on the Total OPEB Liability   | 30,685                     |
| Changes of Assumptions or Other Inputs | 108,439                    |
| Benefit Payments                       | <u>(42,662)</u>            |
| Net Changes                            | <u>108,970</u>             |
| Balance at April 30, 2020              | <u><u>940,077</u></u>      |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Notes to the Financial Statements April 30, 2020**

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#### **NOTE 4 – OTHER INFORMATION – Continued**

##### **OTHER POST-EMPLOYMENT BENEFITS – Continued**

##### **Sensitivity of the Total OPEB Liability to Changes in the Discount Rate**

The following presents the total OPEB liability, calculated using a Single Discount Rate of 2.56%, as well as what the total OPEB liability would be if it were calculated using a Single Discount Rate that is one percentage point lower or one percentage point higher:

|                      | 1% Decrease<br>(1.56%) | Current<br>Discount Rate<br>(2.56%) | 1% Increase<br>(3.56%) |
|----------------------|------------------------|-------------------------------------|------------------------|
| Total OPEB Liability | \$ 1,051,324           | 940,077                             | 849,727                |

##### **Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates**

The following presents the total OPEB liability, calculated using a variable Healthcare Trend Rate, as well as what the total OPEB liability would be if it were calculated using a Healthcare Trend Rate that is one percentage point lower or one percentage point higher:

|                      | 1% Decrease<br>(Varies) | Healthcare<br>Cost Trend<br>Rates<br>(Varies) | 1% Increase<br>(Varies) |
|----------------------|-------------------------|---|-------------------------|
| Total OPEB Liability | \$ 827,719              | 940,077                                       | 1,077,208               |

##### **OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB**

Per GASB Statement No. 75, under the Alternative Measurement Method, changes in Total OPEB Liability are immediately recognized as expense, resulting in no deferred outflows of resources or deferred inflows of resources related to OPEB. At April 30, 2020, the District reported no deferred outflows of resources and deferred inflows of resources related to OPEB.

For the year ended April 30, 2020, the District recognized OPEB expense of \$164,913.

## **REQUIRED SUPPLEMENTARY INFORMATION**

Required supplementary information includes financial information and disclosures that are required by the GASB but are not considered a part of the basic financial statements. Such information includes:

- Schedule of Employer Contributions  
Illinois Municipal Retirement Fund
- Schedule of Changes in the Employer's Net Pension Liability  
Illinois Municipal Retirement Fund
- Schedule of Changes in the Employer's Total OPEB Liability  
Retiree Benefit Plan
- Budgetary Comparison Schedule  
General Fund  
Public Benefit – Special Revenue Fund

### Notes to the Required Supplementary Information

Budgetary Information – Budgets are adopted on a basis consistent with generally accepted accounting principles.

## DOWNERS GROVE SANITARY DISTRICT

### Illinois Municipal Retirement Fund

#### Required Supplementary Information

#### Schedule of Employer Contributions

April 30, 2020

| Fiscal Year | Actuarially Determined Contribution | Contributions in Relation to the Actuarially Determined Contribution | Contribution Excess/ (Deficiency) | Covered Payroll | Contributions as a Percentage of Covered Payroll |
|-------------|-------------------------------------|--|-----------------------------------|-----------------|--|
| 2016        | \$ 314,598                          | \$ 314,598   | \$ -                              | \$ 2,475,195    | 12.71%   |
| 2017        | 291,750                             | 291,750  | -                                 | 2,449,621       | 11.91%   |
| 2018        | 315,598                             | 315,598  | -                                 | 2,647,939       | 11.92%   |
| 2019        | 310,019                             | 310,019  | -                                 | 2,793,762       | 11.10%   |
| 2020        | 285,261                             | 285,261  | -                                 | 2,973,772       | 9.59%  |

#### Notes to the Required Supplementary Information:

|                               |  |
|-------------------------------|--|
| Actuarial Cost Method         | Entry Age Normal   |
| Amortization Method           | Level % Pay (Closed)   |
| Remaining Amortization Period | 24 Years   |
| Asset Valuation Method        | 5-Year Smoothed Market   |
| Inflation                     | 2.50%  |
| Salary Increases              | 3.35% - 14.25%   |
| Investment Rate of Return     | 7.50%  |
| Retirement Age                | See the Notes to the Financial Statements  |
| Mortality                     | An IMRF specific mortality table was used with fully generational projection scale MP-2017 (base year 2015). |

#### Note:

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

## **DOWNERS GROVE SANITARY DISTRICT**

### **Illinois Municipal Retirement Fund**

#### **Required Supplementary Information**

#### **Schedule of Changes in the Employer's Net Pension Liability**

**April 30, 2020**

|   | <u>12/31/15</u>            |
|---|----------------------------|
| Total Pension Liability   |                            |
| Service Cost  | \$ 269,423                 |
| Interest  | 1,014,911                  |
| Differences Between Expected and Actual Experience                            | (25,684)                   |
| Change of Assumptions   | 35,991                     |
| Benefit Payments, Including Refunds<br>of Member Contributions                | <u>(472,715)</u>           |
| Net Change in Total Pension Liability   | 821,926                    |
| Total Pension Liability - Beginning   | <u>13,633,789</u>          |
| Total Pension Liability - Ending  | <u><u>14,455,715</u></u>   |
| Plan Fiduciary Net Position   |                            |
| Contributions - Employer  | \$ 314,598                 |
| Contributions - Members   | 111,384                    |
| Net Investment Income   | 63,049                     |
| Benefit Payments, Including Refunds<br>of Member Contributions                | (472,715)                  |
| Other (Net Transfer)  | <u>(173,299)</u>           |
| Net Change in Plan Fiduciary Net Position                                     | (156,983)                  |
| Plan Net Position - Beginning   | <u>12,633,124</u>          |
| Plan Net Position - Ending  | <u><u>12,476,141</u></u>   |
| Employer's Net Pension Liability  | <u><u>\$ 1,979,574</u></u> |
| Plan Fiduciary Net Position as a Percentage<br>of the Total Pension Liability | 86.31%                     |
| Covered Payroll   | \$ 2,475,195               |
| Employer's Net Pension Liability as a<br>Percentage of Covered Payroll        | 79.98%                     |

**Note:**

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

| 12/31/16   | 12/31/17   | 12/31/18   | 12/31/19   |
|------------|------------|------------|------------|
| 268,172    | 261,468    | 261,182    | 294,834    |
| 1,070,538  | 1,140,308  | 1,139,708  | 1,195,585  |
| 163,916    | (292,511)  | 116,384    | 159,402    |
| (36,313)   | (496,265)  | 476,076    | -          |
| (555,597)  | (586,106)  | (655,619)  | (775,302)  |
| 910,716    | 26,894     | 1,337,731  | 874,519    |
| 14,455,715 | 15,366,431 | 15,393,325 | 16,731,056 |
| 15,366,431 | 15,393,325 | 16,731,056 | 17,605,575 |
| 291,750    | 301,021    | 340,584    | 255,585    |
| 110,233    | 115,089    | 125,869    | 128,794    |
| 857,080    | 2,246,061  | (752,348)  | 2,633,242  |
| (555,597)  | (586,106)  | (655,619)  | (775,302)  |
| 82,784     | (166,822)  | 267,304    | 194,388    |
| 786,250    | 1,909,243  | (674,210)  | 2,436,707  |
| 12,476,141 | 13,262,391 | 15,171,634 | 14,497,424 |
| 13,262,391 | 15,171,634 | 14,497,424 | 16,934,131 |
| 2,104,040  | 221,691    | 2,233,632  | 671,444    |
| 86.31%     | 98.56%     | 86.65%     | 96.19%     |
| 2,449,621  | 2,557,519  | 2,793,956  | 2,862,096  |
| 85.89%     | 8.67%      | 79.95%     | 23.46%     |

## DOWNERS GROVE SANITARY DISTRICT

### Retiree Benefit Plan

#### Required Supplementary Information

#### Schedule of Changes in the Employer's Total OPEB Liability

April 30, 2020

|   | 2019         | 2020      |
|---|--------------|-----------|
| Total OPEB Liability                                    |              |           |
| Service Cost  | \$ 11,813    | 12,508    |
| Interest  | 31,615       | 30,685    |
| Differences Between Expected and Actual Experience      | 14,372       | -         |
| Change of Assumptions or Other Inputs                   | -            | 108,439   |
| Benefit Payments  | (46,136)     | (42,662)  |
| Net Change in Total OPEB Liability                      | 11,664       | 108,970   |
| Total OPEB Liability - Beginning                        | 819,443      | 831,107   |
| Total OPEB Liability - Ending                           | 831,107      | 940,077   |
| Covered Payroll   | \$ 2,804,694 | 2,903,364 |
| Total OPEB Liability as a Percentage of Covered Payroll | 29.63%       | 32.38%    |

#### Notes:

This schedule is intended to show information for ten years. Information for additional years will be displayed as it becomes available.

*Changes of Assumptions.* Changes in assumptions related to the discount rate were made in 2019 and 2020.

## **DOWNERS GROVE SANITARY DISTRICT**

### **General Fund**

#### **Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual For the Fiscal Year Ended April 30, 2020**

|  | Budget       |           | Actual    |
|--|--------------|-----------|-----------|
|  | Original     | Final     |           |
| Revenues   |              |           |           |
| Taxes  |              |           |           |
| Property Taxes   | \$ 1,188,550 | 1,188,550 | 1,200,957 |
| Replacement Taxes  | 75,000       | 75,000    | 98,083    |
| Charges for Services   |              |           |           |
| User Billings  | 3,535,400    | 3,535,400 | 3,362,440 |
| Inspection and Review Fees                                   | 23,650       | 23,650    | 25,146    |
| Monthly Service Fees   | 4,069,100    | 4,069,100 | 4,095,962 |
| Surcharges   | 325,000      | 325,000   | 340,136   |
| Sampling and Monitoring                                      | 70,000       | 70,000    | 103,235   |
| Property Lease Payments                                      | 33,500       | 33,500    | 34,456    |
| Grants and Donations   | 3,000        | 3,000     | 3,722     |
| Investment Income  | 35,000       | 35,000    | 52,092    |
| Miscellaneous  | 10,000       | 10,000    | 13,502    |
| Total Revenues   | 9,368,200    | 9,368,200 | 9,329,731 |
| Expenditures   |              |           |           |
| General Government   | 9,429,400    | 9,429,400 | 8,140,810 |
| Debt Service   |              |           |           |
| Principal Retirement   | -            | -         | 181,591   |
| Total Expenditures   | 9,429,400    | 9,429,400 | 8,322,401 |
| Excess (Deficiency) of Revenues<br>Over (Under) Expenditures | (61,200)     | (61,200)  | 1,007,330 |
| Other Financing Sources                                      |              |           |           |
| Transfer In  | -            | -         | 20,099    |
| Net Change in Fund Balance                                   | (61,200)     | (61,200)  | 1,027,429 |
| Fund Balance - Beginning as Restated                         |              |           | 5,157,839 |
| Fund Balance - Ending  |              |           | 6,185,268 |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Public Benefit - Special Revenue Fund**

#### **Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual For the Fiscal Year Ended April 30, 2020**

|                            | Budget     |            | Actual               |
|----------------------------|------------|------------|----------------------|
|                            | Original   | Final      |                      |
| Revenues                   |            |            |                      |
| Investment Income          | \$ 550     | 550        | 856                  |
| Expenditures               |            |            |                      |
| Capital Outlay             | -          | -          | -                    |
| Net Change in Fund Balance | <u>550</u> | <u>550</u> | 856                  |
| Fund Balance - Beginning   |            |            | <u>36,469</u>        |
| Fund Balance - Ending      |            |            | <u><u>37,325</u></u> |

## **OTHER SUPPLEMENTARY INFORMATION**

Other supplementary information includes financial statements and schedules not required by the GASB, nor a part of the basic financial statements, but are presented for purposes of additional analysis.

Such schedules include:

- Budgetary Comparison Schedules – Major Governmental Funds

## **INDIVIDUAL FUND SCHEDULES**

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### **GENERAL FUND**

The General Fund is used to account for all financial resources except those required to be accounted for in another fund.

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### **SPECIAL REVENUE FUND**

The Special Revenue Funds are used to account for the proceeds of specific revenue sources (other than fiduciary funds or capital projects funds) that are legally restricted to expenditure for specified purposes.

#### **Public Benefit Fund**

The Public Benefit Fund is used to account for the payment of sewer extensions or sewer special assessments which the District Board of Trustees deems to be of benefit to an area larger than the immediate service area.

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### **CAPITAL PROJECTS FUNDS**

The Capital Projects Funds are used to account for all resources used for the acquisition of capital facilities by a governmental unit except those financed by Proprietary Funds.

#### **Improvement Fund**

The Improvement Fund is used to account for sewer system, pump station improvements and repayment of loans to the Illinois Environmental Protection Agency.

#### **Construction Fund**

The Construction Fund is used to account for improvements and expansions to the Wastewater Treatment Center and repayment of loans to the Illinois Environmental Protection Agency.

#### **Special Assessment Fund**

The Special Assessment Fund is used to account for the installation of the public sanitary sewers in special assessment areas.

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## DOWNERS GROVE SANITARY DISTRICT

### General Fund

#### Schedule of Expenditures - Budget and Actual For the Fiscal Year Ended April 30, 2020

|                          | Budget       |           | Actual    |
|--------------------------|--------------|-----------|-----------|
|                          | Original     | Final     |           |
| General Government       |              |           |           |
| Salaries and Wages       |              |           |           |
| Plant                    | \$ 1,273,950 | 1,273,950 | 1,315,699 |
| Administrative           | 1,093,650    | 1,093,650 | 1,047,480 |
| Sewer System             | 446,800      | 446,800   | 400,768   |
| Laboratory               | 235,450      | 235,450   | 231,276   |
| Lift Station             | 70,500       | 70,500    | 61,708    |
| Office Expenditures      | 279,750      | 279,750   | 272,019   |
| Insurance                | 721,750      | 721,750   | 663,392   |
| Operations               |              |           |           |
| Plant                    | 2,198,950    | 2,198,950 | 1,791,980 |
| Sewer System             | 1,638,500    | 1,638,500 | 963,471   |
| Laboratory               | 88,400       | 88,400    | 62,430    |
| Lift Station             | 352,700      | 352,700   | 326,664   |
| Motor Vehicles           | 61,000       | 61,000    | 89,780    |
| Professional Services    | 455,500      | 455,500   | 382,437   |
| Retirement Contributions | 512,500      | 512,500   | 511,607   |
| Miscellaneous            | -            | -         | 20,099    |
| Total General Government | 9,429,400    | 9,429,400 | 8,140,810 |
| Debt Service             |              |           |           |
| Principal Retirement     | -            | -         | 181,591   |
| Total Expenditures       | 9,429,400    | 9,429,400 | 8,322,401 |

## **DOWNERS GROVE SANITARY DISTRICT**

### **Improvement - Capital Projects Fund**

#### **Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual For the Fiscal Year Ended April 30, 2020**

|                            | Budget    |         | Actual    |
|----------------------------|-----------|---------|-----------|
|                            | Original  | Final   |           |
| Revenues                   |           |         |           |
| Charges for Services       |           |         |           |
| Connection Charges         | \$ 90,000 | 90,000  | 57,500    |
| Investment Income          | 17,150    | 17,150  | 24,628    |
| Total Revenues             | 107,150   | 107,150 | 82,128    |
| Expenditures               |           |         |           |
| Capital Outlay             | 7,500     | 7,500   | 11,370    |
| Debt Service               |           |         |           |
| Principal Retirement       | 93,200    | 93,200  | 93,191    |
| Total Expenditures         | 100,700   | 100,700 | 104,561   |
| Net Change in Fund Balance | 6,450     | 6,450   | (22,433)  |
| Fund Balance - Beginning   |           |         | 1,161,629 |
| Fund Balance - Ending      |           |         | 1,139,196 |

## DOWNERS GROVE SANITARY DISTRICT

### Construction - Capital Projects Fund

#### Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual For the Fiscal Year Ended April 30, 2020

|                            | Budget     |         | Actual    |
|----------------------------|------------|---------|-----------|
|                            | Original   | Final   |           |
| Revenues                   |            |         |           |
| Charges for Services       |            |         |           |
| Connection Charges         | \$ 250,000 | 250,000 | 237,232   |
| Grants and Donations       | 500,000    | 500,000 | 500,000   |
| Investment Income          | 10,000     | 10,000  | 9,114     |
| Total Revenues             | 760,000    | 760,000 | 746,346   |
| Expenditures               |            |         |           |
| Debt Service               |            |         |           |
| Principal Retirement       | 28,900     | 28,900  | 28,807    |
| Net Change in Fund Balance | 731,100    | 731,100 | 717,539   |
| Fund Balance - Beginning   |            |         | 315,371   |
| Fund Balance - Ending      |            |         | 1,032,910 |

## **SUPPLEMENTAL SCHEDULE**

## **DOWNERS GROVE SANITARY DISTRICT**

### **Long-Term Debt Requirements**

#### **IEPA Loan Payable of 2010**

**April 30, 2020**

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|                         |  |
|-------------------------|--|
| Date of Issue           | July 29, 2011                          |
| Date of Maturity        | November 2, 2030                       |
| Authorized Issue        | \$8,847,011                            |
| Interest Rate           | Non-Interest Bearing                   |
| Principal Maturity Date | November 2                             |
| Payable at              | Illinois Environment Protection Agency |

### **CURRENT AND LONG-TERM PRINCIPAL AND INTEREST REQUIREMENTS**

| Fiscal<br>Year | Principal        | Interest | Totals           |
|----------------|------------------|----------|------------------|
| 2021           | \$ 303,590       | -        | 303,590          |
| 2022           | 303,590          | -        | 303,590          |
| 2023           | 303,590          | -        | 303,590          |
| 2024           | 303,590          | -        | 303,590          |
| 2025           | 303,590          | -        | 303,590          |
| 2026           | 303,590          | -        | 303,590          |
| 2027           | 303,590          | -        | 303,590          |
| 2028           | 303,590          | -        | 303,590          |
| 2029           | 303,590          | -        | 303,590          |
| 2030           | 303,590          | -        | 303,590          |
| 2031           | 151,789          | -        | 151,789          |
|                | <u>3,187,689</u> | <u>-</u> | <u>3,187,689</u> |

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



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**General Manager**  
Amy R. Underwood

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

## MEMO

TO: Board of Trustees

FROM: Amy R. Underwood, General Manager

DATE: September 11, 2020

RE: Special October Board Meeting

The Regular October Board Meeting is scheduled for October 27, 2020. The District's current electric supply contract ends in November, and the District plans to open bids for the new electric supply contract on October 6, 2020. October 27<sup>th</sup> is after ComEd's cutoff date for new supplier notification on five of the District's accounts. At the September 15, 2020 Board meeting, District Staff will be requesting that the Board select a date and time for a Special Board Meeting to be held during the second week of October or early in the third week of October in order to award the next electric supply contract.

Enclosures

C: BOLI, WCC, MGP

# DOWNERS GROVE SANITARY DISTRICT

## MEMO

TO: Amy R. Underwood  
General Manager

FROM: W. Clay Campbell  
Administrative Supervisor

DATE: September 11, 2020

RE: Progress Report – August, 2020

### ADMINISTRATIVE

#### Personnel

The District is still in the process of receiving applications for its Administrative Assistant position.

#### Self-Quarantine for Travel to Certain States, Airline Travel and Attending Large Gatherings

District staff has continued to track and periodically inform employees of the most up-to-date list of states that are deemed “high-risk” to travel to and is requiring employees to self-quarantine for fourteen days after they return in order to come back to work at District facilities. For those employees where telework is available, they are able to continue working from home. In a recent update to the District’s COVID-19 Preparedness Plan (a copy of which can be found here: <https://www.dgsd.org/wp-content/uploads/DGSD-Covid-19-Preparedness-Plan-08.21.20.pdf>),

District staff added airline travel and attending large gatherings to the list of activities that would result in an employee being asked to self-quarantine for 14 days before returning to work. These actions are being taken in order to further protect District employees and our capacity to provide an essential service to our public.

#### IAWA Potential Legislation

Brian Johnson, of Greater Peoria Sanitary District, and I co-chair the Illinois Association of Wastewater Agencies’ (IAWA) Legislative Subcommittee. As we are approaching the fall, we are working with IAWA’s lobbyists as well as the National Association of Clean Water Agencies (NACWA) to formulate proposed legislation designed to regulate the presence of wipes in public sanitary sewer systems in the state of Illinois. There should be periodic updates on this over the next six to nine months.

#### 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.

## Safety Committee and Related Safety Matters

Safety Coordinator Jessie Gwozdz led a virtual Safety Committee meeting on August 25 and will schedule the next meeting for some time in September. The Committee reviewed any outstanding safety items, discussed any work-related injuries, near-miss reports and other items of interest. Highlights from discussion were the investigation of purchasing an Electrostatic Mister for COVID-19 Disinfection (which would allow District staff to do disinfection of various facility locations ourselves as the vendor services we researched appeared to be cost prohibitive if needed on a recurring or frequent basis), new hard hat distribution, the need to backfill and grade areas around the WWTC walkways as they present an uneven walking surface hazard, and that the Sewer System department had purchased new cones and signage for traffic control. Their existing cones will be repurposed by the Maintenance department. Safety Coordinator Gwozdz has been instrumental in deploying the District's new Training Portal which has been used for offering several different employee training resources.

## Technology Update

Concentric Integration is assisting with deployment of the District's new video surveillance server as well as rolling out a malware/cybersecurity training service selected by District staff for training employees.

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:   | 70          |
| # of Customers paying their bills online in the last month:                              | 1,258       |
| Amount of Money processed through the Portal in the last month:                          | \$73,373.57 |
| # of Customers signing up for Autopay through the Portal in the last month:              | 49          |
| # of Customers enrolled in paperless billing in the last month:                          | 34          |
| # of customers registered for pay by text in the last month:                             | 14          |
| Cost to District for providing Invoice Cloud service in the last month:                  | \$368.10    |
| Cost to District's customers (convenience fees) in the last month:                       | \$2,169.60  |
| Estimated Monthly savings from customers enrolled in paperless billing:                  | \$68.13     |
|  |             |
| # of Customers registered from launch through last month:                                | 5,020       |
| # of Customers signing up for Autopay through the Portal from launch through last month: | 1,452       |
| # of Customers enrolled in paperless billing from launch through last month:             | 2,271       |
| # of customers registered for pay by text from launch through last month:                | 1,509       |

## FINANCIAL

### Annual Audit

Lauterbach & Amen, LLP finished final audit work from their office and over email correspondence with District staff. Amy and I worked with our auditors to wrap up final audit preparation. The final audit report will be presented by Brad Porter at the September Board meeting and has been included in this month's packet.

### 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

#### Building Sanitary Service Repair Assistance Program; Infiltration and Inflow Removal Program; and Overhead Sewers and Backflow Prevention Devices Reimbursement Program

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 August 2020 were as follows:

|                                 |                     |
|---------------------------------|---------------------|
| User                            | \$395,902.29        |
| Surcharge                       | 40,480.74           |
| Monthly fees                    | 380,427.70          |
| Total                           | <u>\$816,810.73</u> |
| Summer Usage Adjustment         | \$31,495.95         |
| Billable Flow                   | 202,447,967         |
| Budgeted Billable Flow          | 200,491,224         |
| % Actual/Budgeted Billable Flow | 100.98%             |
| YTD Billable Flow               | 748,686,859         |
| YTD Budgeted Billable Flow      | 781,342,393         |
| % Actual/Budgeted Billable Flow | 95.82%              |

The user accounts receivable balance on 8/31/2020 is \$863,497.54 and consists of:

|                              |                     |
|------------------------------|---------------------|
| Current charges due 8/14/20  | \$680,119.39        |
| Past due charges and penalty | 183,378.15          |
| Total                        | <u>\$863,497.54</u> |

The past due charges represent:

| <u>Age</u>                 | <u>User Charges</u>         | <u>Penalty</u>              | <u>Totals</u>               |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 30 days past due           | \$36,345.48                 | <b>\$5,216.55 *</b>         | \$41,562.03                 |
| 60 days past due           | 36,559.95                   | <b>3,630.17 *</b>           | 40,190.12                   |
| 90 days & greater past due | 91,467.51                   | 10,158.49 *                 | 101,626.00                  |
|                            | <u>                    </u> | <u>                    </u> | <u>                    </u> |
| Totals                     | \$164,372.94                | \$19,005.21                 | \$183,378.15                |

**\* Penalty was resumed on User Accounts in the month of August**

Summary of  
Past Due Charges  
(90 Days and Over)

Five Year Comparison

August

| <u>Year</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u>       |
|-------------|---------------------|----------------|--------------------|
| 2020        | \$91,467.51         | \$10,158.49    | \$101,626.00 ***** |
| 2019        | 46,041.82           | 5,990.19       | 52,032.01 *****    |
| 2018        | 43,522.44           | 6,201.77       | 49,724.21 *****    |
| 2017        | 42,346.29           | 4,775.26       | 47,121.55 ****     |
| 2016        | 37,126.48           | 5,073.64       | 42,200.12 **       |

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

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

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

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

Twelve Months Ending August 2020

| <u>Month</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u> |
|--------------|---------------------|----------------|--------------|
| 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    |
| 1/31/20      | 40,668.53           | 5,110.21       | 45,778.74    |
| 12/31/19     | 42,249.41           | 5,545.98       | 47,795.39    |
| 11/30/19     | 44,865.08           | 6,235.59       | 51,100.67    |
| 10/31/19     | 44,946.81           | 5,708.76       | 50,655.57    |
| 9/30/19      | 49,629.96           | 6,354.25       | 55,984.21    |
| 8/31/19      | 46,041.82           | 5,990.19       | 52,032.01    |

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

To: Amy Underwood, General Manager  
From: Marc Majewski, Operations Supervisor  
Re: Month of August, 2020 WWTC Operations Report.  
Date: September 9, 2020

Attached please find detailed operating data and our monthly report to Illinois EPA for August. We had no excursions over our permit limits in the month of August. Our NPDES permit expired on July 31, 2020. We will continue to operate under the expired permit until the permit is renewed.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 6.99 MGD. Total precipitation at the WWTC was 1.33". There were no excess flow events during the month of August. There were no days of discharge over 11 mgd.
- Activated sludge: Operating performance was good throughout the month of August. Floc formers are predominating leading to good solids settling.
- Anaerobic Digesters: Pumped a total of 855,993 gallons of primary sludge, 678,630 gallons of WAS, and 244,243 gallons of waste grease for a total of 1,778,466 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 65.6% for August.
- Digester gas: Total digester gas production was 3,682,641 cubic feet. 526,864 cubic feet of gas was used for anaerobic digestion heat, and 1,232,417 cubic feet was used in the CHP facilities. 1,690,507 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 232,854 cubic feet of gas.
- Bio-solids: Bio-solid drying continues. Bio-mechanics distributed 109 dry tons in the month of August, with a year to date total of 667 dry tons distributed. On August 5, the compost pile was rotated to phase 3 of the compost pilot.
- Miscellaneous Items: On August 6<sup>th</sup>, the South drying pad was ground, patched, and paved. On August 21<sup>st</sup>, Oscar Avila ended his seasonal employment.
- Electricity: Overall net energy from ComEd was: 245,839 KW-Hrs. Electricity Generated by the CHP system was 93,960 KW-Hrs. Monthly net energy (including natural gas usage) was 248 MW-Hrs for the month of August.

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

# Monthly Operations Report Page 1

|           | WWTC<br>Rainfall | B01<br>Parshall<br>Flume Flow<br>Max Mgd | B01<br>Parshall<br>Flume Flow<br>Min Mgd | B01<br>Parshall<br>Flume Flow<br>Avg Mgd | A01<br>Parshall<br>Flume Flow<br>Max Mgd | A01<br>Parshall<br>Flume Flow<br>Avg Mgd | C01 Int<br>Clar #1<br>Flow Max<br>Mgd | C01 Int<br>Clar #1<br>Flow Avg<br>Mgd | Outfall 003<br>Flow Max<br>Mgd | Outfall 003<br>Flow Avg<br>Mgd | Total Flow<br>Max Mgd | Total Flow<br>Avg Mgd | 002 Outfall<br>Flow Avg<br>Mgd |
|-----------|------------------|--|--|--|--|--|---------------------------------------|---------------------------------------|--------------------------------|--------------------------------|-----------------------|-----------------------|--------------------------------|
| Date      | inches           | MGD                                      | MGD                                      | MGD                                      | MGD                                      | MGD                                      | MGD                                   | MGD                                   | MGD                            | MGD                            | MGD                   | MGD                   | MGD                            |
| 8/1/2020  | 0.01             | 10.27                                    | 3.57                                     | 7.17                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.27                 | 7.17                  | 0.00                           |
| 8/2/2020  | 0.01             | 10.30                                    | 3.57                                     | 7.09                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.30                 | 7.09                  | 0.00                           |
| 8/3/2020  | 0.00             | 10.72                                    | 3.55                                     | 7.26                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.72                 | 7.26                  | 0.00                           |
| 8/4/2020  | 0.00             | 9.76                                     | 3.38                                     | 6.98                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.76                  | 6.98                  | 0.00                           |
| 8/5/2020  | 0.00             | 10.12                                    | 3.26                                     | 6.96                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.12                 | 6.96                  | 0.00                           |
| 8/6/2020  | 0.00             | 10.49                                    | 3.27                                     | 6.86                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.49                 | 6.86                  | 0.00                           |
| 8/7/2020  | 0.00             | 11.00                                    | 3.34                                     | 6.77                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 11.00                 | 6.77                  | 0.00                           |
| 8/8/2020  | 0.00             | 10.48                                    | 3.35                                     | 6.69                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.48                 | 6.69                  | 0.00                           |
| 8/9/2020  | 0.00             | 9.95                                     | 3.39                                     | 6.77                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.95                  | 6.77                  | 0.00                           |
| 8/10/2020 | 0.42             | 17.88                                    | 3.52                                     | 8.35                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 17.88                 | 8.35                  | 0.00                           |
| 8/11/2020 | 0.00             | 10.66                                    | 4.45                                     | 7.71                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.66                 | 7.71                  | 0.00                           |
| 8/12/2020 | 0.00             | 10.39                                    | 3.51                                     | 6.99                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.39                 | 6.99                  | 0.00                           |
| 8/13/2020 | 0.00             | 10.30                                    | 3.54                                     | 6.70                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.30                 | 6.70                  | 0.00                           |
| 8/14/2020 | 0.00             | 10.96                                    | 3.50                                     | 6.91                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.96                 | 6.91                  | 0.00                           |
| 8/15/2020 | 0.89             | 18.16                                    | 3.31                                     | 8.05                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 18.16                 | 8.05                  | 0.00                           |
| 8/16/2020 | 0.00             | 10.57                                    | 5.11                                     | 7.91                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.57                 | 7.91                  | 0.00                           |
| 8/17/2020 | 0.00             | 11.00                                    | 3.85                                     | 7.38                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 11.00                 | 7.38                  | 0.00                           |
| 8/18/2020 | 0.00             | 10.30                                    | 3.46                                     | 7.09                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.30                 | 7.09                  | 0.00                           |
| 8/19/2020 | 0.00             | 10.36                                    | 3.25                                     | 6.91                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.36                 | 6.91                  | 0.00                           |
| 8/20/2020 | 0.00             | 9.70                                     | 3.13                                     | 6.75                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.70                  | 6.75                  | 0.00                           |
| 8/21/2020 | 0.00             | 9.52                                     | 3.22                                     | 6.65                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.52                  | 6.65                  | 0.00                           |
| 8/22/2020 | 0.00             | 9.57                                     | 3.13                                     | 6.51                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.57                  | 6.51                  | 0.00                           |
| 8/23/2020 | 0.00             | 9.78                                     | 3.15                                     | 6.58                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.78                  | 6.58                  | 0.00                           |
| 8/24/2020 | 0.00             | 9.70                                     | 3.21                                     | 6.83                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.70                  | 6.83                  | 0.00                           |
| 8/25/2020 | 0.00             | 9.63                                     | 3.12                                     | 6.84                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.63                  | 6.84                  | 0.00                           |
| 8/26/2020 | 0.00             | 9.19                                     | 3.17                                     | 6.79                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.19                  | 6.79                  | 0.00                           |
| 8/27/2020 | 0.00             | 9.35                                     | 3.27                                     | 6.88                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.35                  | 6.88                  | 0.00                           |
| 8/28/2020 | 0.00             | 10.22                                    | 3.34                                     | 6.82                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.22                 | 6.82                  | 0.00                           |
| 8/29/2020 | 0.00             | 9.77                                     | 3.24                                     | 6.39                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.77                  | 6.39                  | 0.00                           |
| 8/30/2020 | 0.00             | 9.51                                     | 2.88                                     | 6.33                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.51                  | 6.33                  | 0.00                           |
| 8/31/2020 | 0.00             | 9.79                                     | 2.92                                     | 6.72                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.79                  | 6.72                  | 0.00                           |
| Minimum   | 0.00             | 9.19                                     | 2.88                                     | 6.33                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 9.19                  | 6.33                  | 0.00                           |
| Maximum   | 0.89             | 18.16                                    | 5.11                                     | 8.35                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 18.16                 | 8.35                  | 0.00                           |
| Total     | 1.33             | 329.41                                   | 105.97                                   | 216.68                                   | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 329.41                | 216.68                | 0.00                           |
| Average   | 0.04             | 10.63                                    | 3.42                                     | 6.99                                     | 0.00                                     | 0.00                                     | 0.00                                  | 0.00                                  | 0.00                           | 0.00                           | 10.63                 | 6.99                  | 0.00                           |

## Monthly Operations Report Page 2

|           | Tertiary<br>Flow MGD | MLSS Avg | Activated<br>Sludge<br>Inventory<br>Lbs MLSS | Activated<br>Sludge SRT<br>Days | 15 Minutes<br>Aeration<br>Settling % | 30 Minutes<br>Aeration<br>Settling % | 60 Minutes<br>Aeration<br>Settling % | Sludge<br>Volume<br>Index | System 1<br>RAS TSS | System 2 RAS<br>TSS | Dupage River<br>Outfall DO |
|-----------|----------------------|----------|--|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------|---------------------|---------------------|----------------------------|
| Date      | MGD                  |          | LBS  | DAYS                            | mL/L                                 | mL/L                                 | mL/L                                 | mL/g                      | mg/l                | mg/l                | mg/l                       |
| 8/1/2020  | 7.17                 |          | 68,925                                       | 17.93                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/2/2020  | 7.09                 |          | 68,925                                       | 18.14                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/3/2020  | 7.26                 | 2,293    | 71,138                                       | 15.42                           | 19                                   | 16                                   | 14                                   | 68                        |                     | 3,697               | 7.0                        |
| 8/4/2020  | 6.98                 | 2,255    | 69,945                                       | 15.01                           | 20                                   | 16                                   | 15                                   | 72                        | 5,380               |                     | 7.0                        |
| 8/5/2020  | 6.96                 | 2,283    | 70,825                                       | 14.20                           | 20                                   | 16                                   | 14                                   | 68                        |                     | 3,990               |                            |
| 8/6/2020  | 6.86                 |          | 70,825                                       | 13.74                           |                                      |                                      |                                      |                           |                     |                     | 7.0                        |
| 8/7/2020  | 6.77                 | 2,024    | 62,797                                       | 15.83                           |                                      |                                      |                                      |                           |                     | 3,015               |                            |
| 8/8/2020  | 6.69                 |          | 62,797                                       | 15.99                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/9/2020  | 6.77                 |          | 62,797                                       | 16.07                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/10/2020 | 8.35                 | 2,280    | 70,739                                       | 15.03                           | 21                                   | 16                                   | 15                                   | 71                        |                     | 3,499               | 7.0                        |
| 8/11/2020 | 7.71                 |          | 70,739                                       | 14.52                           |                                      |                                      |                                      |                           |                     |                     | 6.8                        |
| 8/12/2020 | 6.99                 | 2,204    | 68,388                                       | 11.66                           | 23                                   | 18                                   | 16                                   | 83                        |                     | 4,162               | 7.1                        |
| 8/13/2020 | 6.70                 |          | 68,388                                       | 11.39                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/14/2020 | 6.91                 | 1,933    | 59,974                                       | 12.27                           | 17                                   | 14                                   | 13                                   | 72                        |                     | 3,390               |                            |
| 8/15/2020 | 8.05                 |          | 59,974                                       | 12.21                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/16/2020 | 7.91                 |          | 59,974                                       | 12.23                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/17/2020 | 7.38                 | 2,282    | 70,782                                       | 11.46                           | 20                                   | 16                                   | 15                                   | 72                        |                     | 4,265               | 7.5                        |
| 8/18/2020 | 7.09                 | 2,185    | 67,834                                       | 10.97                           | 23                                   | 18                                   | 16                                   | 84                        | 5,390               |                     | 7.0                        |
| 8/19/2020 | 6.91                 | 2,343    | 72,681                                       | 12.09                           | 26                                   | 20                                   | 18                                   | 84                        |                     | 4,103               |                            |
| 8/20/2020 | 6.75                 |          | 72,681                                       | 11.72                           |                                      |                                      |                                      |                           |                     |                     | 7.1                        |
| 8/21/2020 | 6.65                 | 2,417    | 74,998                                       | 11.97                           | 26                                   | 20                                   | 17                                   | 83                        |                     | 4,139               |                            |
| 8/22/2020 | 6.51                 |          | 74,998                                       | 12.00                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/23/2020 | 6.58                 |          | 74,998                                       | 12.05                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/24/2020 | 6.83                 | 2,377    | 73,731                                       | 11.57                           | 25                                   | 21                                   | 19                                   | 88                        |                     | 4,150               | 7.1                        |
| 8/25/2020 | 6.84                 |          | 73,731                                       | 11.35                           |                                      |                                      |                                      |                           |                     |                     | 6.9                        |
| 8/26/2020 | 6.79                 | 2,309    | 71,619                                       | 9.25                            | 24                                   | 20                                   | 19                                   | 88                        |                     | 4,962               |                            |
| 8/27/2020 | 6.88                 |          | 71,619                                       | 9.25                            |                                      |                                      |                                      |                           |                     |                     | 7.0                        |
| 8/28/2020 | 6.82                 | 2,342    | 72,648                                       | 11.06                           | 26                                   | 21                                   | 20                                   | 91                        |                     | 4,196               |                            |
| 8/29/2020 | 6.39                 |          | 72,648                                       | 11.13                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/30/2020 | 6.33                 |          | 72,648                                       | 11.08                           |                                      |                                      |                                      |                           |                     |                     |                            |
| 8/31/2020 | 6.72                 | 2,422    | 75,130                                       | 12.14                           | 27                                   | 21                                   | 20                                   | 89                        |                     | 3,971               | 7.3                        |
| Minimum   | 6.33                 | 1,933    | 59,974.14                                    | 9.25                            | 16.73                                | 13.98                                | 13.49                                | 68.21                     | 5,380               | 3,015               | 6.8                        |
| Maximum   | 8.35                 | 2,422    | 75,129.79                                    | 18.14                           | 26.99                                | 21.50                                | 20.00                                | 90.66                     | 5,390               | 4,962               | 7.5                        |
| Total     | 216.68               | 33,948   | 2,159,895.60                                 | 400.75                          | 316.67                               | 254.95                               | 233.23                               | 1,113.03                  | 10,770              | 51,539              | 91.8                       |
| Average   | 6.99                 | 2,263    | 69,674.06                                    | 12.93                           | 22.64                                | 18.07                                | 16.50                                | 79.50                     | 5,385               | 3,965               | 7.1                        |

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|           | Tertiary<br>Flow MGD | Influent BOD 5 | Primary<br>Clarifier<br>BOD 5 | Intermediate<br>Clarifier<br>CBOD 5 | Tertiary<br>Effluent<br>CBOD 5 | Tertiary<br>Effluent<br>CBOD 5<br>Load | BOD 5<br>Removal % | Ambient<br>Air Temp<br>Min | Ambient<br>Air Temp<br>Max | Influent<br>Flow Temp |
|-----------|----------------------|----------------|-------------------------------|-------------------------------------|--------------------------------|--|--------------------|----------------------------|----------------------------|-----------------------|
| Date      | MGD                  | mg/l           | mg/l                          | mg/l                                | mg/l                           |  | %                  | Deg F                      | Deg F                      | Deg F                 |
| 8/1/2020  | 7.17                 |                |                               |                                     |                                |  |                    | 69                         | 80                         |                       |
| 8/2/2020  | 7.09                 |                |                               |                                     |                                |  |                    | 65                         | 86                         |                       |
| 8/3/2020  | 7.26                 | 273            |                               |                                     | 1.2                            | 73                                     | 98.9               | 64                         | 72                         | 70.7                  |
| 8/4/2020  | 6.98                 | 260            | 130                           | 1.6                                 | 1.0                            | 58                                     | 98.3               | 57                         | 76                         | 71.0                  |
| 8/5/2020  | 6.96                 | 240            |                               |                                     | 0.8                            | 46                                     | 98.1               | 54                         | 78                         |                       |
| 8/6/2020  | 6.86                 | 367            | 147                           | 1.7                                 | 1.0                            | 57                                     | 98.8               | 64                         | 82                         | 70.2                  |
| 8/7/2020  | 6.77                 |                |                               |                                     |                                |  |                    | 59                         | 86                         |                       |
| 8/8/2020  | 6.69                 |                |                               |                                     |                                |  |                    | 64                         | 87                         |                       |
| 8/9/2020  | 6.77                 |                |                               |                                     |                                |  |                    | 71                         | 91                         |                       |
| 8/10/2020 | 8.35                 | 260            |                               |                                     | 1.6                            | 111                                    | 98.5               | 66                         | 90                         | 71.6                  |
| 8/11/2020 | 7.71                 | 287            | 152                           | 2.5                                 | 2.6                            | 167                                    | 97.8               | 65                         | 85                         | 70.9                  |
| 8/12/2020 | 6.99                 | 327            |                               |                                     | 2.0                            | 117                                    | 98.9               | 59                         | 87                         | 70.9                  |
| 8/13/2020 | 6.70                 | 347            | 145                           | 1.8                                 | 2.2                            | 123                                    | 98.9               | 66                         | 88                         |                       |
| 8/14/2020 | 6.91                 |                |                               |                                     |                                |  |                    | 66                         | 90                         |                       |
| 8/15/2020 | 8.05                 |                |                               |                                     |                                |  |                    | 68                         | 90                         |                       |
| 8/16/2020 | 7.91                 |                |                               |                                     |                                |  |                    | 63                         | 87                         |                       |
| 8/17/2020 | 7.38                 | 260            |                               |                                     | 1.1                            | 68                                     | 99.2               | 67                         | 86                         | 71.2                  |
| 8/18/2020 | 7.09                 | 307            | 164                           | 1.0                                 | 1.2                            | 71                                     | 98.8               | 62                         | 78                         | 71.0                  |
| 8/19/2020 | 6.91                 | 260            |                               |                                     | 0.8                            | 46                                     | 98.4               | 58                         | 82                         | 71.8                  |
| 8/20/2020 | 6.75                 | 287            | 135                           | 0.7                                 | 0.9                            | 51                                     | 98.9               | 59                         | 86                         | 71.6                  |
| 8/21/2020 | 6.65                 |                |                               |                                     |                                |  |                    | 62                         | 88                         |                       |
| 8/22/2020 | 6.51                 |                |                               |                                     |                                |  |                    | 63                         | 88                         |                       |
| 8/23/2020 | 6.58                 |                |                               |                                     |                                |  |                    | 66                         | 91                         |                       |
| 8/24/2020 | 6.83                 | 280            |                               |                                     | 1.0                            | 57                                     | 99.1               | 71                         | 96                         | 71.8                  |
| 8/25/2020 | 6.84                 | 286            | 156                           | 1.4                                 | 1.1                            | 63                                     | 98.5               | 74                         | 92                         | 72.0                  |
| 8/26/2020 | 6.79                 | 300            |                               |                                     | 1.2                            | 68                                     | 98.8               | 73                         | 93                         | 71.9                  |
| 8/27/2020 | 6.88                 | 256            | 147                           | 1.1                                 | 1.4                            | 80                                     | 99.0               | 76                         | 93                         | 73.2                  |
| 8/28/2020 | 6.82                 |                |                               |                                     |                                |  |                    | 76                         | 94                         |                       |
| 8/29/2020 | 6.39                 |                |                               |                                     |                                |  |                    | 65                         | 84                         |                       |
| 8/30/2020 | 6.33                 |                |                               |                                     |                                |  |                    | 60                         | 80                         |                       |
| 8/31/2020 | 6.72                 | 195            |                               |                                     | 1.0                            | 56                                     | 98.8               | 62                         | 85                         | 72.1                  |
| Minimum   | 6.33                 | 195            | 130                           | 0.7                                 | 0.80                           | 46                                     | 97.8               | 61                         | 80                         | 70.2                  |
| Maximum   | 8.35                 | 367            | 164                           | 2.5                                 | 2.60                           | 167                                    | 99.2               | 74                         | 96                         | 73.2                  |
| Total     | 216.68               | 4,792          | 1,176                         | 11.8                                | 22.10                          | 1,312                                  | 1,677.6            | 2,119                      | 2,741                      | 1,071.9               |
| Average   | 6.99                 | 282            | 147                           | 1.5                                 | 1.30                           | 77                                     | 98.7               | 68                         | 88                         | 71.5                  |

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|           | Tertiary<br>Flow MGD | Influent<br>TSS | Primary<br>Clarifier TSS | Intermediate<br>Clarifier TSS | Tertiary<br>Effluent<br>TSS | Tertiary<br>Effluent<br>TSS Load | TSS<br>Removal % | Influent pH | Primary<br>Clarifier pH | Tertiary<br>Effluent pH | Intermediate<br>pH |
|-----------|----------------------|-----------------|--------------------------|-------------------------------|-----------------------------|----------------------------------|------------------|-------------|-------------------------|-------------------------|--------------------|
| Date      | MGD                  | mg/l            | mg/l                     | mg/l                          | mg/l                        | lbs/day                          | %                | SU          | SU                      | SU                      | SU                 |
| 8/1/2020  | 7.17                 | 200             |                          |                               | 0.7                         | 42                               | 99.7             |             |                         |                         |                    |
| 8/2/2020  | 7.09                 | 184             |                          |                               | 1.1                         | 65                               | 99.4             |             |                         |                         |                    |
| 8/3/2020  | 7.26                 | 280             |                          |                               | 0.8                         | 48                               | 99.7             | 7.4         | 7.2                     | 7.2                     | 7.0                |
| 8/4/2020  | 6.98                 | 280             | 68                       | 5.2                           | 0.6                         | 35                               | 99.8             | 7.4         | 7.3                     | 7.1                     | 7.1                |
| 8/5/2020  | 6.96                 | 296             |                          |                               | 0.5                         | 29                               | 99.8             | 7.4         | 7.3                     | 6.9                     | 7.0                |
| 8/6/2020  | 6.86                 | 240             | 63                       | 5.6                           | 0.5                         | 29                               | 99.8             | 7.4         | 7.4                     | 7.0                     | 7.0                |
| 8/7/2020  | 6.77                 | 280             |                          |                               | 0.5                         | 28                               | 99.8             | 7.4         | 7.1                     | 7.0                     | 7.0                |
| 8/8/2020  | 6.69                 | 280             |                          |                               | 0.6                         | 34                               | 99.8             |             |                         |                         |                    |
| 8/9/2020  | 6.77                 | 228             |                          |                               | 0.8                         | 45                               | 99.6             |             |                         |                         |                    |
| 8/10/2020 | 8.35                 | 276             |                          |                               | 0.9                         | 63                               | 99.7             | 7.4         | 7.1                     | 6.9                     | 7.0                |
| 8/11/2020 | 7.71                 | 276             | 64                       | 6.6                           | 1.2                         | 77                               | 99.6             | 7.4         | 7.4                     | 6.9                     | 7.1                |
| 8/12/2020 | 6.99                 | 236             |                          |                               | 0.9                         | 52                               | 99.6             | 7.3         | 7.2                     | 6.9                     | 7.2                |
| 8/13/2020 | 6.70                 | 280             | 103                      | 5.4                           | 0.9                         | 50                               | 99.7             | 7.3         | 7.2                     | 6.9                     | 7.2                |
| 8/14/2020 | 6.91                 | 272             |                          |                               | 1.1                         | 63                               | 99.6             | 7.3         | 7.0                     | 6.8                     | 7.1                |
| 8/15/2020 | 8.05                 | 244             |                          |                               | 1.5                         | 101                              | 99.4             |             |                         |                         |                    |
| 8/16/2020 | 7.91                 | 158             |                          |                               | 1.5                         | 99                               | 99.1             |             |                         |                         |                    |
| 8/17/2020 | 7.38                 | 224             |                          |                               | 1.1                         | 68                               | 99.5             | 6.9         | 7.1                     | 7.0                     | 7.0                |
| 8/18/2020 | 7.09                 | 248             | 121                      | 2.6                           | 0.9                         | 53                               | 99.6             | 7.4         | 7.2                     | 6.9                     | 7.1                |
| 8/19/2020 | 6.91                 | 240             |                          |                               | 0.8                         | 46                               | 99.7             | 7.5         | 7.5                     | 7.0                     | 7.1                |
| 8/20/2020 | 6.75                 | 248             | 83                       | 2.2                           | 0.4                         | 23                               | 99.8             | 7.4         | 7.3                     | 6.9                     | 7.0                |
| 8/21/2020 | 6.65                 | 216             |                          |                               | 0.3                         | 17                               | 99.9             | 7.4         | 7.2                     | 6.9                     | 7.0                |
| 8/22/2020 | 6.51                 | 220             |                          |                               | 0.4                         | 22                               | 99.8             |             |                         |                         |                    |
| 8/23/2020 | 6.58                 | 216             |                          |                               | 0.6                         | 33                               | 99.7             |             |                         |                         |                    |
| 8/24/2020 | 6.83                 | 268             |                          |                               | 0.2                         | 11                               | 99.9             | 7.4         | 6.9                     | 7.0                     | 7.2                |
| 8/25/2020 | 6.84                 | 340             | 99                       | 1.2                           | 0.4                         | 23                               | 99.9             | 7.5         | 7.0                     | 6.9                     | 7.0                |
| 8/26/2020 | 6.79                 | 360             |                          |                               | 0.5                         | 28                               | 99.9             | 7.4         | 7.2                     | 6.8                     | 7.0                |
| 8/27/2020 | 6.88                 | 256             | 78                       | 1.2                           | 0.6                         | 34                               | 99.8             | 7.4         | 7.3                     | 6.9                     | 7.0                |
| 8/28/2020 | 6.82                 | 300             |                          |                               | 0.5                         | 28                               | 99.8             | 7.4         | 7.2                     | 7.0                     | 7.0                |
| 8/29/2020 | 6.39                 | 188             |                          |                               | 0.5                         | 27                               | 99.7             |             |                         |                         |                    |
| 8/30/2020 | 6.33                 | 198             |                          |                               | 0.5                         | 26                               | 99.7             |             |                         |                         |                    |
| 8/31/2020 | 6.72                 | 246             |                          |                               | 0.8                         | 45                               | 99.7             | 7.4         | 7.0                     | 7.2                     | 7.1                |
| Minimum   | 6.33                 | 158             | 63                       | 1.2                           | 0.2                         | 11                               | 99.1             | 6.9         | 6.9                     | 6.8                     | 7.0                |
| Maximum   | 8.35                 | 360             | 121                      | 6.6                           | 1.5                         | 101                              | 99.9             | 7.5         | 7.5                     | 7.2                     | 7.2                |
| Total     | 216.68               | 7,778           | 679                      | 30.0                          | 22.6                        | 1,345                            | 3,090.5          | 154.8       | 151.1                   | 146.1                   | 148.2              |
| Average   | 6.99                 | 251             | 85                       | 3.8                           | 0.7                         | 43                               | 99.7             | 7.4         | 7.2                     | 7.0                     | 7.1                |

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| Date      | Tertiary Flow MGD | Influent Ammonia-N mg/l | Tertiary Ammonia-N mg/l | Tertiary Effluent Ammonia-N Load lbs/day | Chlorine Residual mg/l | Fecal Coliform col/100ml |
|-----------|-------------------|-------------------------|-------------------------|--|------------------------|--------------------------|
| 8/1/2020  | 7.17              |                         |                         |  |                        |                          |
| 8/2/2020  | 7.09              | 21.52                   | 0.10                    | 5.9                                      |                        |                          |
| 8/3/2020  | 7.26              |                         |                         |  |                        |                          |
| 8/4/2020  | 6.98              | 30.38                   | 0.12                    | 7.0                                      | 0.03                   | 1                        |
| 8/5/2020  | 6.96              |                         |                         |  | 0.03                   | 3                        |
| 8/6/2020  | 6.86              |                         |                         |  |                        |                          |
| 8/7/2020  | 6.77              |                         |                         |  |                        |                          |
| 8/8/2020  | 6.69              |                         |                         |  |                        |                          |
| 8/9/2020  | 6.77              | 20.92                   | 0.10                    | 5.7                                      |                        |                          |
| 8/10/2020 | 8.35              |                         |                         |  |                        |                          |
| 8/11/2020 | 7.71              | 22.04                   | 0.91                    | 58.5                                     | 0.03                   |                          |
| 8/12/2020 | 6.99              |                         |                         |  | 0.03                   | 8                        |
| 8/13/2020 | 6.70              |                         |                         |  |                        | 18                       |
| 8/14/2020 | 6.91              |                         |                         |  |                        |                          |
| 8/15/2020 | 8.05              |                         |                         |  |                        |                          |
| 8/16/2020 | 7.91              | 16.40                   | 0.10                    | 6.6                                      |                        |                          |
| 8/17/2020 | 7.38              |                         |                         |  |                        |                          |
| 8/18/2020 | 7.09              | 26.44                   | 0.23                    | 13.6                                     | 0.03                   | 2                        |
| 8/19/2020 | 6.91              |                         |                         |  | 0.03                   | 6                        |
| 8/20/2020 | 6.75              |                         |                         |  |                        |                          |
| 8/21/2020 | 6.65              |                         |                         |  |                        |                          |
| 8/22/2020 | 6.51              |                         |                         |  |                        |                          |
| 8/23/2020 | 6.58              | 23.42                   | 0.10                    | 5.5                                      |                        |                          |
| 8/24/2020 | 6.83              |                         |                         |  |                        |                          |
| 8/25/2020 | 6.84              | 39.58                   | 0.10                    | 5.7                                      | 0.03                   |                          |
| 8/26/2020 | 6.79              |                         |                         |  | 0.03                   | 6                        |
| 8/27/2020 | 6.88              |                         |                         |  |                        | 3                        |
| 8/28/2020 | 6.82              |                         |                         |  |                        |                          |
| 8/29/2020 | 6.39              |                         |                         |  |                        |                          |
| 8/30/2020 | 6.33              | 25.12                   | 0.10                    | 5.3                                      |                        |                          |
| 8/31/2020 | 6.72              |                         |                         |  |                        |                          |
| Minimum   | 6.33              | 16.40                   | 0.10                    | 5.3                                      | 0.03                   | 1.0                      |
| Maximum   | 8.35              | 39.58                   | 0.91                    | 58.5                                     | 0.03                   | 18.0                     |
| Total     | 216.68            | 225.82                  | 1.86                    | 113.7                                    | 0.24                   | 47.0                     |
| Average   | 6.99              | 25.09                   | 0.21                    | 12.6                                     | 0.03                   | 4.2                      |

### SLUDGE DATA

|  |    |        |                   |
|--|----|--------|-------------------|
| Primary Sludge                               | TS | 2.15 % | 855,993 Gallons   |
| WAS to Digesters                             | TS | 2.13 % | 678,630 Gallons   |
| Hauled Grease to Digs                        | TS | 9.90 % | 244,243 Gallons   |
| <u>Anaerobically Digested Sludge Pumping</u> |    |        |                   |
| Drying Beds                                  | TS | 2.90 % | 256,620 Gallons   |
| BFP  | TS | 1.80 % | 704,068 Gallons   |
| Lagoons                                      | TS | 1.70 % | 74,400 Gallons    |
| Total  |    |        | 1,035,088 Gallons |
| VS Destruction                               |    |        | 65.6 %            |

### Biosolids Disposal

|                      |     |                |
|----------------------|-----|----------------|
| Class A Distribution | Aug | 109 Dry Tons   |
| Class B Hauling      | Aug | Dry Tons       |
| Total                | Aug | 109 Dry Tons   |
| Class A Distribution | YTD | 667 Dry Tons   |
| Class B Hauling      | YTD | 448 Dry Tons   |
| Total                | YTD | 1,115 Dry Tons |

### ENERGY DATA

|                                     |                |
|-------------------------------------|----------------|
| Total Digester Gas Production       | 3,682,641 SCF  |
| Gas Volume per Volatile Solids Load | 8.8 Cu.Ft./Lb. |

### Digester Gas Utilization

|                  |               |
|------------------|---------------|
| Heat Exchangers  | 526,864 SCF   |
| Dehumidification | 232,854 SCF   |
| CHP              | 1,232,417 SCF |
| Total            | 1,992,135 SCF |

### Digester Gas Flared

### Natural Gas Consumed

|                              |             |
|------------------------------|-------------|
| WWTC                         | 4,300 SCF   |
| MSB                          | 1,500 SCF   |
| Chemical Feed                | 0 SCF       |
| 5006 Walnut                  | SCF         |
| Kilowatt-hours Generated CHP | 93,960 KWH  |
| Net energy from Comed        | 245,839 KWH |
| Monthly net energy           | 248 MWH     |

### MISCELLANEOUS

|                        |     |                  |
|------------------------|-----|------------------|
| Grit Removal           | Aug | 0 Cu. Yds        |
| Grit Removal           | YTD | 180 Cu. Yds      |
| Anaerobic Supernate    |     | 665,264 Gallons  |
| Waste Activated Sludge |     | 171,276 Gals/Day |
| City Water Consumed    |     | 132,246 Gallons  |

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|           | Tertiary<br>Flow MGD | Influent<br>Phosphorus | Tertiary<br>Effluent<br>Phosphorus | Influent<br>Phosphorus<br>Load | Tertiary<br>Effluent<br>Phosphorus<br>Load | Phosphorus<br>Removal % | Influent<br>Nitrogen | Tertiary<br>Effluent<br>Nitrogen | Influent<br>Nitrogen<br>Load | Tertiary<br>Effluent<br>Nitrogen<br>Load | Nitrogen<br>Removal % | Tertiary<br>Effluent<br>Nitrate<br>Grab |
|-----------|----------------------|------------------------|------------------------------------|--------------------------------|--|-------------------------|----------------------|----------------------------------|------------------------------|--|-----------------------|---|
| Date      | MGD                  | mg/l                   | mg/l                               | lbs/day                        | lbs/day                                    | %                       | mg/l                 | mg/l                             | lbs/day                      | lbs/day                                  | %                     | mg/l                                    |
| 8/1/2020  | 7.17                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/2/2020  | 7.09                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/3/2020  | 7.26                 | 6.92                   | 5.18                               | 369.1                          | 313.7                                      | 25.1                    |                      |                                  |                              |  |                       |   |
| 8/4/2020  | 6.98                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/5/2020  | 6.96                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/6/2020  | 6.86                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       | 28.49                                   |
| 8/7/2020  | 6.77                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/8/2020  | 6.69                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/9/2020  | 6.77                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/10/2020 | 8.35                 | 6.36                   | 5.18                               | 419.8                          | 360.5                                      | 18.6                    |                      |                                  |                              |  |                       |   |
| 8/11/2020 | 7.71                 |                        |                                    |                                |  |                         | 45.6                 | 22.2                             | 2,729.1                      | 1,427.5                                  | 47.7                  |   |
| 8/12/2020 | 6.99                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/13/2020 | 6.70                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       | 22.96                                   |
| 8/14/2020 | 6.91                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/15/2020 | 8.05                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/16/2020 | 7.91                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/17/2020 | 7.38                 | 6.68                   | 3.81                               | 389.4                          | 234.5                                      | 43.0                    |                      |                                  |                              |  |                       |   |
| 8/18/2020 | 7.09                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/19/2020 | 6.91                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/20/2020 | 6.75                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       | 25.88                                   |
| 8/21/2020 | 6.65                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/22/2020 | 6.51                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/23/2020 | 6.58                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/24/2020 | 6.83                 | 6.71                   | 4.36                               | 359.1                          | 248.5                                      | 35.0                    |                      |                                  |                              |  |                       |   |
| 8/25/2020 | 6.84                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/26/2020 | 6.79                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/27/2020 | 6.88                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       | 23.29                                   |
| 8/28/2020 | 6.82                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/29/2020 | 6.39                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/30/2020 | 6.33                 |                        |                                    |                                |  |                         |                      |                                  |                              |  |                       |   |
| 8/31/2020 | 6.72                 | 6.66                   | 4.43                               | 345.0                          | 248.5                                      | 33.5                    |                      |                                  |                              |  |                       |   |
| Minimum   | 6.33                 | 6.36                   | 3.81                               | 345.0                          | 234.5                                      | 18.6                    | 45.6                 | 22.2                             | 2,729.1                      | 1,427.5                                  | 47.7                  | 22.96                                   |
| Maximum   | 8.35                 | 6.92                   | 5.18                               | 419.8                          | 360.5                                      | 43.0                    | 45.6                 | 22.2                             | 2,729.1                      | 1,427.5                                  | 47.7                  | 28.49                                   |
| Total     | 216.68               | 33.33                  | 22.96                              | 1,882.4                        | 1,405.7                                    | 155.2                   | 45.6                 | 22.2                             | 2,729.1                      | 1,427.5                                  | 47.7                  | 100.62                                  |
| Average   | 6.99                 | 6.67                   | 4.59                               | 376.5                          | 281.1                                      | 31.0                    | 45.6                 | 22.2                             | 2,729.1                      | 1,427.5                                  | 47.7                  | 25.16                                   |

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

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

Facility:  
Facility Location:

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

Permitted Feature:

001  
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/25/20

Status:

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:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |                  |              | Quality or Concentration |                  |             |                  |             |                  |                  | # of Ex.                       | Frequency of Analysis              | Sample Type                        |                           |           |
|-----------|--------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|------------------|--------------|--------------------------|------------------|-------------|------------------|-------------|------------------|------------------|--------------------------------|------------------------------------|------------------------------------|---------------------------|-----------|
| Code      | Name                           |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2          | Units        | Qualifier 1              | Value 1          | Qualifier 2 | Value 2          | Qualifier 3 | Value 3          | Units            |                                |                                    |                                    |                           |           |
| 00300     | Oxygen, dissolved [DO]         | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              | =                        | 7.1              |             | =                | 7.0         |                  | =                | 6.8                            | 19 - mg/L                          | 0                                  | 03/DW - 3 Days Every Week | GR - GRAB |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              |                          | Req Mon MO AV MN |             | Req Mon MN WK AV |             | Req Mon DAILY MN | 19 - mg/L        | DL/DS - Daily When Discharging | GR - GRAB                          |                                    |                           |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 00310     | BOD, 5-day, 20 deg. C          | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              |                          |                  | =           | 3.5              |             | =                | 4.4              | 19 - mg/L                      | 0                                  | 02/DW - Twice Every Discharge Week | CP - COMPOS               |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              |                          |                  | <=          | 30.0 MO AVG      |             | <=               | 45.0 WKLY AVG    | 19 - mg/L                      |                                    | DL/DS - Daily When Discharging     | GR - GRAB                 |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 00400     | pH                             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              | =                        | 6.8              |             |                  | =           | 7.2              | 12 - SU          | 0                              | 05/DW - 5 Days Every Week          | GR - GRAB                          |                           |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              | >=                       | 6.0 MINIMUM      |             |                  | <=          | 9.0 MAXIMUM      | 12 - SU          |                                | DL/DS - Daily When Discharging     | GR - GRAB                          |                           |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 00530     | Solids, total suspended        | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              |                          |                  | =           | 0.7              |             | =                | 1.0              | 19 - mg/L                      | 0                                  | 05/DW - 5 Days Every Week          | CP - COMPOS               |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              |                          |                  | <=          | 30.0 MO AVG      |             | <=               | 45.0 WKLY AVG    | 19 - mg/L                      |                                    | DL/DS - Daily When Discharging     | GR - GRAB                 |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 00610     | Nitrogen, ammonia total [as N] | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              |                          |                  | =           | 0.21             |             | =                | 0.91             | 19 - mg/L                      | 0                                  | 02/DW - Twice Every Discharge Week | CP - COMPOS               |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              |                          |                  |             | Req Mon MO AVG   |             |                  | Req Mon DAILY MX | 19 - mg/L                      |                                    | DL/DS - Daily When Discharging     | GR - GRAB                 |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 00665     | Phosphorus, total [as P]       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              |                          |                  |             |                  | =           | 5.18             | 19 - mg/L        | 0                              | 05/30 - 5 Times Every Month        | CP - COMPOS                        |                           |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              |                          |                  |             |                  |             | Req Mon DAILY MX | 19 - mg/L        |                                | DL/DS - Daily When Discharging     | GR - GRAB                          |                           |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 50060     | Chlorine, total residual       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              |                          |                  | =           | 0.03             |             |                  | 19 - mg/L        | 0                              | 02/DW - Twice Every Discharge Week | GR - GRAB                          |                           |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              |                          |                  | <=          | 0.75 MO AVG      |             |                  | 19 - mg/L        |                                | DL/DS - Daily When Discharging     | GR - GRAB                          |                           |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 74055     | Coliform, fecal general        | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |                  |              |                          |                  |             |                  | =           | 18.0             | 13 - #/100mL     | 0                              | 02/DW - Twice Every Discharge Week | GR - GRAB                          |                           |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             |                  |              |                          |                  |             |                  | <=          | 400.0 DAILY MX   | 13 - #/100mL     |                                | DL/DS - Daily When Discharging     | GR - GRAB                          |                           |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |
| 82220     | Flow, total                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         | =           | 216.68           | 80 - Mgal/mo |                          |                  |             |                  |             |                  |                  | 0                              | 99/99 - Continuous                 |                                    |                           |           |
|           |                                |                     |          |             | Permit Req. |                     |         |             | Req Mon MO TOTAL | 80 - Mgal/mo |                          |                  |             |                  |             |                  |                  |                                | 99/99 - Continuous                 |                                    |                           |           |
|           |                                |                     |          |             | Value NODI  |                     |         |             |                  |              |                          |                  |             |                  |             |                  |                  |                                |                                    |                                    |                           |           |

Submission Note

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

Edit Check Errors

No errors.

Comments

31 days of discharge. Zero days of discharge 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:                          | 2020-09-09 11:15 (Time Zone: -05:00) |
| <i><b>Report Last Signed By</b></i> |                                      |
| User:                               | reeseberry                           |
| Name:                               | Dorrance Berry                       |
| E-Mail:                             | rberry@dgsd.org                      |
| Date/Time:                          | 2020-09-09 11:21 (Time Zone: -05:00) |

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

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

Facility:  
Facility Location:

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

Permitted Feature:

002  
External Outfall

Discharge:

002-0  
MIXING CHMBR OVERFLOW TO ST. JOSEPH CRK

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/25/20

Status:

NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry

|                              |                                      |
|------------------------------|--------------------------------------|
| Name:                        | Dorrance Berry                       |
| E-Mail:                      | rberry@dgsd.org                      |
| Date/Time:                   | 2020-09-09 11:15 (Time Zone: -05:00) |
| <i>Report Last Signed By</i> |                                      |
| User:                        | reeseberry                           |
| Name:                        | Dorrance Berry                       |
| E-Mail:                      | rberry@dgsd.org                      |
| Date/Time:                   | 2020-09-09 11:21 (Time Zone: -05:00) |

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

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

Facility:  
Facility Location:

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

Permitted Feature:

003  
External Outfall

Discharge:

003-0  
EXCESS FLOW TO ST. JOSEPH CRK

Report Dates & Status

Monitoring Period:  
From 08/01/20 to 08/31/20

DMR Due Date:  
09/25/20

Status:  
NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:  
General Manager

Telephone:  
630-969-0664

No Data Indicator (NODI)

Form NODI: --

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

|                              |                                      |
|------------------------------|--------------------------------------|
| Name:                        | Dorrance Berry                       |
| E-Mail:                      | rberry@dgsd.org                      |
| Date/Time:                   | 2020-09-09 11:16 (Time Zone: -05:00) |
| <i>Report Last Signed By</i> |                                      |
| User:                        | reeseberry                           |
| Name:                        | Dorrance Berry                       |
| E-Mail:                      | rberry@dgsd.org                      |
| Date/Time:                   | 2020-09-09 11:21 (Time Zone: -05:00) |

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

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

Facility:  
Facility Location:

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

Permitted Feature:

A01  
External Outfall

Discharge:

A01-0  
EXCESS FLOW FROM EXCESS FLOW CLARIFIERS

Report Dates & Status

Monitoring Period:  
From 08/01/20 to 08/31/20

DMR Due Date:  
09/25/20

Status:  
NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:  
--

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2020-09-09 11:16 (Time Zone: -05:00)

Report Last Signed By

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2020-09-09 11:21 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:  
Major:

IL0028380  
Yes

Permittee:  
Permittee Address:

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

Facility:  
Facility Location:

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

Permitted Feature:

B01  
External Outfall

Discharge:

B01-0  
INTERNAL MIXING CHMBR - E. BR. DUPAGE RVR

Report Dates & Status

Monitoring Period:  
From 08/01/20 to 08/31/20

DMR Due Date:  
09/25/20

Status:  
NetDMR Validated

Considerations for Form Completion

DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:  
Last Name:

Amy  
Underwood

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI: --

| Parameter |  | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |                |             |                  |           | Quality or Concentration |              |             |              |             |                  |            | # of Ex. | Frequency of Analysis       | Sample Type |
|-----------|--|---------------------|----------|-------------|-------------|---------------------|----------------|-------------|------------------|-----------|--------------------------|--------------|-------------|--------------|-------------|------------------|------------|----------|-----------------------------|-------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1        | Qualifier 2 | Value 2          | Units     | Qualifier 1              | Value 1      | Qualifier 2 | Value 2      | Qualifier 3 | Value 3          | Units      |          |                             |             |
| 00011     | Temperature, water deg. fahrenheit       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 72.9             | 15 - deg F | 0        | 01/30 - Monthly             | GR - GRAB   |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon MO MAX   | 15 - deg F |          | 01/30 - Monthly             | GR - GRAB   |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00300     | Oxygen, dissolved [DO]                   | 1 - Effluent Gross  | 1        | --          | Sample      |                     |                |             |                  |           | =                        | 7.1          | =           | 7.0          | =           | 6.8              | 19 - mg/L  | 0        | 03/DW - 3 Days Every Week   | GR - GRAB   |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           | >=                       | 5.5 MO AV MN | >=          | 4.0 MN WK AV | >=          | 3.5 DAILY MN     | 19 - mg/L  |          | 02/DA - 2 Days Every Week   | GR - GRAB   |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           | =                        | 6.8          |             |              | =           | 7.2              | 12 - SU    | 0        | 05/DW - 5 Days Every Week   | GR - GRAB   |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           | >=                       | 6.0 MINIMUM  |             |              | <=          | 9.0 MAXIMUM      | 12 - SU    |          | 02/DA - 2 Days Every Week   | GR - GRAB   |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00410     | Alkalinity, total [as CaCO3]             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 119.0            | 19 - mg/L  | 0        | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon DAILY MX | 19 - mg/L  |          | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 43.38          | =           | 100.68           | 26 - lb/d |                          |              | =           | 0.7          | =           | 1.5              | 19 - mg/L  | 0        | 05/DW - 5 Days Every Week   | CP - COMPOS |
|           |  |                     |          |             | Permit Req. | <=                  | 2202.0 MO AVG  | <=          | 4404.0 DAILY MX  | 26 - lb/d |                          |              | <=          | 12.0 MO AVG  | <=          | 24.0 DAILY MX    | 19 - mg/L  |          | 02/DA - 2 Days Every Week   | CP - COMPOS |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00600     | Nitrogen, total [as N]                   | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 22.2             | 19 - mg/L  | 0        | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon DAILY MX | 19 - mg/L  |          | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00610     | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 7        | --          | Sample      | =                   | 12.64          | =           | 58.52            | 26 - lb/d |                          |              | =           | 0.21         | =           | 0.91             | 19 - mg/L  | 0        | 02/DA - 2 Days Every Week   | CP - COMPOS |
|           |  |                     |          |             | Permit Req. | <=                  | 275.0 MO AVG   | <=          | 550.0 DAILY MX   | 26 - lb/d |                          |              | <=          | 1.5 MO AVG   | <=          | 3.0 DAILY MX     | 19 - mg/L  |          | 02/DA - 2 Days Every Week   | CP - COMPOS |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00625     | Nitrogen, Kjeldahl, total [as N]         | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 1.9              | 19 - mg/L  | 0        | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon DAILY MX | 19 - mg/L  |          | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00630     | Nitrite + Nitrate total [as N]           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 20.3             | 19 - mg/L  | 0        | 01/30 - Monthly             | CA - CALCTD |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon DAILY MX | 19 - mg/L  |          | 01/30 - Monthly             | CA - CALCTD |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00665     | Phosphorus, total [as P]                 | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 5.18             | 19 - mg/L  | 0        | 05/30 - 5 Times Every Month | CP - COMPOS |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon DAILY MX | 19 - mg/L  |          | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00666     | Phosphorus, dissolved                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 4.86             | 19 - mg/L  | 0        | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon DAILY MX | 19 - mg/L  |          | 01/30 - Monthly             | CP - COMPOS |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 00940     | Chloride [as Cl]                         | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |              |             |              | =           | 147.0            | 19 - mg/L  | 0        | 01/30 - Monthly             | GR - GRAB   |
|           |  |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             |              |             | Req Mon DAILY MX | 19 - mg/L  |          | 01/30 - Monthly             | GR - GRAB   |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 6.99           | =           | 8.35             | 03 - MGD  |                          |              |             |              |             |                  |            | 0        | 99/99 - Continuous          |             |
|           |  |                     |          |             | Permit Req. |                     | Req Mon MO AVG |             | Req Mon DAILY MX | 03 - MGD  |                          |              |             |              |             |                  |            |          | 99/99 - Continuous          |             |
|           |  |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |              |             |                  |            |          |                             |             |

|       |                                 |                    |   |    |             |    |               |    |                 |           |  |  |    |             |    |                |              |   |                           |             |
|-------|---------------------------------|--------------------|---|----|-------------|----|---------------|----|-----------------|-----------|--|--|----|-------------|----|----------------|--------------|---|---------------------------|-------------|
| 50060 | Chlorine, total residual        | 1 - Effluent Gross | 0 | -- | Sample      |    |               |    |                 |           |  |  |    |             | =  | 0.03           | 19 - mg/L    | 0 | 02/DA - 2 Days Every Week | GR - GRAB   |
|       |                                 |                    |   |    | Permit Req. |    |               |    |                 |           |  |  |    |             | <= | 0.05 DAILY MX  | 19 - mg/L    |   | 02/DA - 2 Days Every Week | GR - GRAB   |
|       |                                 |                    |   |    | Value NODI  |    |               |    |                 |           |  |  |    |             |    |                |              |   |                           |             |
| 74055 | Coliform, fecal general         | 1 - Effluent Gross | 0 | -- | Sample      |    |               |    |                 |           |  |  |    |             | =  | 18.0           | 13 - #/100mL | 0 | 02/DA - 2 Days Every Week | GR - GRAB   |
|       |                                 |                    |   |    | Permit Req. |    |               |    |                 |           |  |  |    |             | <= | 400.0 DAILY MX | 13 - #/100mL |   | 02/DA - 2 Days Every Week | GR - GRAB   |
|       |                                 |                    |   |    | Value NODI  |    |               |    |                 |           |  |  |    |             |    |                |              |   |                           |             |
| 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | 0 | -- | Sample      | =  | 77.2          | =  | 167.19          | 26 - lb/d |  |  | =  | 1.3         | =  | 2.6            | 19 - mg/L    | 0 | 02/DA - 2 Days Every Week | CP - COMPOS |
|       |                                 |                    |   |    | Permit Req. | <= | 1835.0 MO AVG | <= | 3670.0 DAILY MX | 26 - lb/d |  |  | <= | 10.0 MO AVG | <= | 20.0 DAILY MX  | 19 - mg/L    |   | 02/DA - 2 Days Every Week | CP - COMPOS |
|       |                                 |                    |   |    | Value NODI  |    |               |    |                 |           |  |  |    |             |    |                |              |   |                           |             |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2020-09-09 11:20 (Time Zone: -05:00)

Report Last Signed By

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2020-09-09 11:21 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permittee:DOWNERS GROVE SANITARY DISTRICT

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

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

Facility Location:5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Permitted Feature:C01  
External Outfall

Discharge:C01-0  
EXCESS FLOW FROM CLARIFIER #1

Report Dates & Status

Monitoring Period:From 08/01/20 to 08/31/20

DMR Due Date:09/25/20

Status:NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:Amy

Last Name:Underwood

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2020-09-09 11:20 (Time Zone: -05:00)

Report Last Signed By

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2020-09-09 11:21 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permittee:DOWNERS GROVE SANITARY DISTRICT

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

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

Facility Location:5003 WALNUT AVENUE  
DOWNERS GROVE, IL 60515

Permitted Feature:INF  
Influent Structure

Discharge:INF-L  
INFLUENT MONITORING

Report Dates & Status

Monitoring Period:From 08/01/20 to 08/31/20

DMR Due Date:09/25/20

Status:NetDMR Validated

Considerations for Form Completion

CS

Principal Executive Officer

First Name:Amy

Last Name:Underwood

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

| Parameter |  | Monitoring Location     | Season # | Param. NODI |             | Quantity or Loading |                |             |                  |          | Quality or Concentration |         |                |         |                  |         |           | # of Ex. | Frequency of Analysis       | Sample Type |
|-----------|--|-------------------------|----------|-------------|-------------|---------------------|----------------|-------------|------------------|----------|--------------------------|---------|----------------|---------|------------------|---------|-----------|----------|-----------------------------|-------------|
| Code      | Name                                     |                         |          |             |             | Qualifier 1         | Value 1        | Qualifier 2 | Value 2          | Units    | Qualifier 1              | Value 1 | Qualifier 2    | Value 2 | Qualifier 3      | Value 3 | Units     |          |                             |             |
| 00310     | BOD, 5-day, 20 deg. C                    | G - Raw Sewage Influent | 0        | --          | Sample      |                     |                |             |                  |          |                          | =       | 282.0          |         |                  |         | 19 - mg/L | 0        | 09/99 - See Permit          | CP - COMPOS |
|           |  |                         |          |             | Permit Req. |                     |                |             |                  |          |                          |         | Req Mon MO AVG |         |                  |         | 19 - mg/L |          | 09/99 - See Permit          | CP - COMPOS |
|           |  |                         |          |             | Value NODI  |                     |                |             |                  |          |                          |         |                |         |                  |         |           |          |                             |             |
| 00530     | Solids, total suspended                  | G - Raw Sewage Influent | 0        | --          | Sample      |                     |                |             |                  |          |                          | =       | 251.0          |         |                  |         | 19 - mg/L | 0        | 09/99 - See Permit          | CP - COMPOS |
|           |  |                         |          |             | Permit Req. |                     |                |             |                  |          |                          |         | Req Mon MO AVG |         |                  |         | 19 - mg/L |          | 09/99 - See Permit          | CP - COMPOS |
|           |  |                         |          |             | Value NODI  |                     |                |             |                  |          |                          |         |                |         |                  |         |           |          |                             |             |
| 00600     | Nitrogen, total [as N]                   | G - Raw Sewage Influent | 0        | --          | Sample      |                     |                |             |                  |          |                          |         |                | =       | 45.6             |         | 19 - mg/L | 0        | 01/30 - Monthly             | CP - COMPOS |
|           |  |                         |          |             | Permit Req. |                     |                |             |                  |          |                          |         |                |         | Req Mon DAILY MX |         | 19 - mg/L |          | 01/30 - Monthly             | CP - COMPOS |
|           |  |                         |          |             | Value NODI  |                     |                |             |                  |          |                          |         |                |         |                  |         |           |          |                             |             |
| 00665     | Phosphorus, total [as P]                 | G - Raw Sewage Influent | 0        | --          | Sample      |                     |                |             |                  |          |                          |         |                | =       | 6.92             |         | 19 - mg/L | 0        | 05/30 - 5 Times Every Month | CP - COMPOS |
|           |  |                         |          |             | Permit Req. |                     |                |             |                  |          |                          |         |                |         | Req Mon DAILY MX |         | 19 - mg/L |          | 01/30 - Monthly             | CP - COMPOS |
|           |  |                         |          |             | Value NODI  |                     |                |             |                  |          |                          |         |                |         |                  |         |           |          |                             |             |
| 50050     | Flow, in conduit or thru treatment plant | G - Raw Sewage Influent | 0        | --          | Sample      | =                   | 6.54           | =           | 7.91             | 03 - MGD |                          |         |                |         |                  |         |           | 0        | 99/99 - Continuous          |             |
|           |  |                         |          |             | Permit Req. |                     | Req Mon MO AVG |             | Req Mon DAILY MX | 03 - MGD |                          |         |                |         |                  |         |           |          | 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:2020-09-09 11:21 (Time Zone: -05:00)

Report Last Signed By

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2020-09-09 11:21 (Time Zone: -05:00)

# DOWNERS GROVE SANITARY DISTRICT

## M E M O

TO: Amy Underwood, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: September 11th, 2020

SUBJECT: August 2020 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department and operations during August 2020.

Special projects in August included:

### **2020 Painting Services – Secondary Clarifier 4**

GP Maintenance has completed the 2020 painting services work on Secondary Clarifier 4. This work included extensive sandblasting down to bare metal, two (2) coats of a 2-part epoxy primer followed by a finish coat of a UV resistant 2-part high solids polyurethane on all above water surfaces. All of the submerged surfaces were brush blasted, any bare metal surfaces were primed with a 2-part epoxy, followed by a finish coat of 2-part epoxy on all of the submerged surfaces.

Total cost for this completed painting project was \$40,000.

The last remaining item is large section of our underground tunnel including all piping and equipment between the Blower building and Division box 3. As mentioned in last month's report the tunnel painting work will be completed in late fall or early winter when we have lower temperature and humidity levels. During the warmer/humid weather there is a significant amount of condensation that occurs on the piping and equipment that prohibits any of the painting work.

### **2020 Paving Services – WWTC Main Entry Road & South Sludge Drying Pad**

Meyer Paving has completed all of the 2020 paving work at the WWTC, this year's work included:

#### **-Main Entry Roadway**

Significant patching, repairs and the complete repaving of the main entry road from the entry gate to the train tracks. In addition to the main entry road, Meyer Paving also repaired a large area of the roadway at the equipment wash-down area which is near the Belt Press building. The total cost for this project was \$47,826.91.

#### **-South Sludge Drying Pad**

The entire south drying pad was ground to remove the top surface, several deteriorated areas were repaired with full and partial depth patches, and the entire south pad was then repaved. In addition to the sludge drying pad work, there was a section of the existing roadway near the Big Top covered storage area that was repaired and widened to improve access into the covered structure. The total cost for this project was \$56,212.32.

The total for all of this year's paving work was \$104,039.23 which is under our FY20-21 budget of \$115,000.

### **OSEC Hypochlorite Generator – Water Heater Replacement**

After almost 15 years of service, the in-line water heater for the OSEC Hypochlorite generator had shorted out and needed to be replaced. For optimal performance, the inlet water temperature into the Hypochlorite generator is required to be maintained at 70 degrees.

A new 3 phase in-line water heating element and thermostat has been installed and is operating as expected. This new water heater and the control thermostat was purchased from Chromalox at a total cost of \$3,524.63.

### **Hobson Pump 2 – Motor Repair Update**

As mentioned in last month's report, after we received the repaired motor back from Rainbow Electric we discovered that there was a clearance issue and that the impeller was too close to the seal box assembly. The pump was returned to Rainbow Electric and they concurred with our assessment that when the shaft was repaired, it was made too short. The motor was disassembled and the shaft was sent back to the machine shop that they used to get this corrected.

Rainbow is expecting the shaft work to be completed this week. After they receive the repaired shaft, it will be balanced with the impeller, reassembled and returned. We anticipate receiving the pump back by the end of next week. The payment for this repair is still being withheld until we get the pump back in operation.

### **Venard Lift Station – Force Main Break**

On August 13<sup>th</sup>, a force main break was reported to us by the Village of Downers Grove on Venard Road near our lift station. System personnel confirmed the Village's report and I was informed of the situation. The Venard lift station has dual force mains so the next step was to determine which force main was leaking and isolate it for the repair.

Initially, we were having difficulties determining which force main was leaking due to the fact that there was an interconnecting valve between the two force mains about a quarter of a mile south of the lift station that was in the open position. After we were able to close that interconnecting valve, we determined that the west force main was the cause of the leak and we were able to isolate it.

Once isolated, Uno Construction excavated and repaired the leak which was a hole in the force main near a previous repair from around 5 years ago. Fortunately, it was a relatively simple repair that could be made with a stainless steel repair clamp. This leak, which was located at 3713 Venard Road, was initially reported at approximately 6:30 a.m. and the repair was completed by 5:00 p.m.

During the process of determining which force main was leaking, getting it isolated and then during the repair, sewage was leaking in the roadway. Unfortunately, the amount of sewage was more than we could contain. It entered the storm sewer and eventually flowed into Lacey creek that runs along the side of the lift station.

After the repair was completed, the roadway was washed down and we began the clean-up process to remove the sewage that leaked into Lacey creek. The Village of Downers Grove assisted with providing fresh water to flush the sewage out of the storm sewers by using fire hydrants near the lift station. System and Maintenance Staff returned the following day and pumped the sewage out the creek back into our sanitary sewer and the Vac-Con was used to remove any remaining sewage that couldn't be pumped.

cc: WDVb, AES, PWC, KJR, RTJ, MJS, WCC, MGP

# Work Order Summary

Work Order Completion Dates from 8/3/2020 to 8/31/2020

| Work Assignment   | Completion Date | Equipment                      | NOTATIONS   |
|---|-----------------|--------------------------------|---|
| Replace battery that is bad                               | 03-Aug-20       | 2013 Ford Transit Connect      | Purchase and install new battery.   |
| Annual Oil Change Screening                               |                 | Bar Screen Rag                 |   |
| Compactors & Conveyor Reducers                            |                 | Compactor                      |   |
| Six Month Oil Change WAS                                  |                 | Conc Tank Moyno                |   |
| Moyno Pumps Reducers                                      |                 | Sludge Pump 1                  |   |
|   |                 | Conc Tank Moyno                |   |
|   |                 | Sludge Pump 3                  |   |
| Flush Pearth 2 with 3 oz of Kerosene/Oil mixture          |                 | Digester 2 Mixing System       |   |
| 4 MONTH CLEANING OF PEARTH 2 & 4 STRAINERS                | 04-Aug-20       |                                |   |
|   |                 | Digester 4 Mixing System       |   |
| Repair roof leaks   | 05-Aug-20       | Administration Center          | North Central Insulation removed all damaged and deteriorated sections of the roof and applied a new layer of spray polyurethane foam and silicone in those areas. This repair is expected to extend the life of the roof for several more years. |
| Determine cause for lack of seal water flow.              |                 | Digester 4 - 5 Sl Recrc Pmp 5  | Replaced solenoid with new, verify operational. Also found pump seal had failed. Need to pull pump to replace the mechanical seal.  |
| By-Weekly Fluid and Misc. Check of Generators             |                 | Emergency Generator 1          |   |
|   |                 | Emergency Generator 2          |   |
|   |                 | Emergency Generator 3          |   |
| Re-coat entire existing roof.                             |                 | Excess Flow Sludge Pump House  | North Central Insulation removed any damaged and deteriorated sections of the roof as needed, applied a new coat of spray polyurethane foam and silicone to the existing roofing system. (5 Year warranty)  |
| Re-roof entire building.                                  |                 | Hypochlorite Feed Bldg         | North Central Insulation removed all damaged and deteriorated sections of the roof, ground remaining areas and applied a new spray polyurethane foam and silicone roofing system. (10 Year warranty)  |
| Replace the 2" city water valve for the sprinkler system. |                 | Maintenance Services Building  | Replace the 2" valve for the sprinkler system that was broken closed. Also replace the 2" city water valve feeding the MSB that was stuck in the open position.   |
| Re-coat entire tunnel entry building existing roof.       |                 | Tunnel/Chan Aeration Tank 1-11 | North Central Insulation removed any damaged and deteriorated sections of the roof as needed, applied a new coat of spray polyurethane foam and silicone to the existing roofing system. (5 Year warranty)  |
| Replace left rear tire pressure sensor that was bad.      | 06-Aug-20       | 2014 Ford F-150 4x2 Shortbed   | Just tires replaced the bad tire pressure sensor and reset the low tire alarm.  |
| Six Month Oil Change Sand Filter's #1 & #2                |                 | Filter 1                       |   |
|   |                 | Filter 2                       |   |
| Have a new tube fabricated to replace cracked tube.       |                 | Hypochlorite OSEC Generator    | Dropped off old tube for duplication and picked up when complete.   |
| Annual pump inspections by Xylem                          |                 | Liberty Park LS Pump 1         | Assist Xylem with pulling each pump up, inspecting all components, check seal oil level and condition, verify impeller and volute are in good condition.  |
|   |                 | Liberty Park LS Pump 2         |   |

| Work Assignment  | Completion Date | Equipment                      | NOTATIONS   |
|--|-----------------|--------------------------------|---|
| 6 Month Oil Change Raw Sludge Pumps 2, 3, 5                            |                 | Liberty Park LS Pump 3         |   |
|  |                 | Primary Sludge Pump 2          |   |
|  |                 | Primary Sludge Pump 3          |   |
|  |                 | Primary Sludge Pump 5          |   |
| EXERCISING OF EXCESS RAW SEWAGE VALVING                                | 07-Aug-20       | Excess Flow Pump 06            |   |
|  |                 | Excess Flow Pump 07            |   |
|  |                 | Excess Flow Pump 08            |   |
|  |                 | Excess Flow Pump 09            |   |
| 2020 Painting Services   |                 | Secondary Clarifier 3          | GP Maintenance sand blasted and epoxy coated all metal surfaces. Underwater surface were brush blasted and coated. Above water surfaces were sand blasted to bare metal and epoxy coated.   |
| Sand blasted and epoxy paint sluice gate pedestals.                    |                 | Yard Piping - Liquid Treatment | GP Maintenance sand blasted and epoxy painted the sluice gate pedestals by the Raw sewage and the Generator buildings. A total of 8 pedestals and related conduits were painted.  |
| Six Month Oil Change Change Sand Filter's #3 & #4                      | 10-Aug-20       | Filter 3                       |   |
|  |                 | Filter 4                       |   |
| Six Month Oil Change Change Sand Filter's #5 & #6                      |                 | Filter 5                       |   |
|  |                 | Filter 6                       |   |
| 14,268/23,904 hours. Repair leak from south coolant pump seal housing. | 11-Aug-20       | CHP Engine Genset #2           | Procured 2 seal kits, one for installation and on for stock. Replaced failed seal with new.   |
| Replace wood chip media  |                 | WWTC Bio-Filter                | Remove all old wood chips, smoke test air discharge piping, refill with new wood chips.   |
| Remove, repair, replace skimmer motor.                                 | 12-Aug-20       | Excess Flow Clarifier 2        | Removed motor and took to Rainbow electric for complete overhaul and new motor brake installation.  |
| Annual Pump inspections by Xylem                                       | 13-Aug-20       | Venard Pump #1                 | Assist Xylem with pulling each pump up, inspecting all components, check seal oil level and condition, verify impeller and volute are in good condition.  |
|  |                 | Venard Pump #2                 |   |
|  |                 | Venard Pump #3                 |   |
| Repair hydraulic leak on JD #332                                       | 17-Aug-20       | 2015 Wheel Loader #332         | Remove and replaced 5' hydraulic line from main hydraulic manifold to high flow system coupling.  |
| Bio-filter media replacement to remedy odor from wet well.             |                 | Hobson Lift Station            | Replaced rubber seal over wet well grates. Remount diamond plates for better seal. Remove and replace bio filter media(mulch) and drain tile air piping.  |
| Repave south drying pad - 2020 paving services                         | 18-Aug-20       | Sludge Drying Pad              | Meyer Paving ground the entire south drying pad, made several 6" patch repairs and repaved. Also expanded the roadway near Big Top. South Pad 46,176.74 and Big Top 10,035.58.  |
| Repave main entrance road - 2020 Paving Services                       |                 | WWTC Roadways                  | Meyer Paving ground butt joints, numerous 4" & 6" patch repairs, repaved entire main entrance road from outside gate to the tracks, and repaired & patched the area around the wash down area near the belt press bldg. Main road 39,879.81; wash down 7947.10. |
| CELLS CLEANING WITH MURIATIC ACID                                      | 21-Aug-20       | Hypochlorite OSEC Generator    | Acid clean electrodes, repair insulation on cables between rectifier and electrodes.  |
| Replace the 480 volt in-line water heater for the Hypo generator.      | 25-Aug-20       |                                | Disassemble the water heater, clean out a significant amount of sediment, install the new heating element and thermostat. Fill system, check for leaks and test operation.  |

| Work Assignment  | Completion Date | Equipment   | NOTATIONS   |
|--|-----------------|---|---|
| Run And Inspect Generators With The Load Of The Plant                | 26-Aug-20       | Emergency Generator 1<br>Emergency Generator 2<br>Emergency Generator 3   |   |
| Install new service disconnect on catwalk.                           |                 | Secondary Clarifier 3   | Install a new 30 amp disconnect for the drive unit.   |
| Semi-Annual Greasing Of Various Equipment                            | 27-Aug-20       | Digester 1 Sludge Recirc Pump<br>Digester 1 Sludge Trnsfr Pump<br>Digester 2 Sludge Recirc Pump<br>Digester 2 Sludge Trnsfr Pump<br>Excess Flow Pump Station  |   |
| Troubleshoot main breaker tripping on the rectifier                  |                 | Hypochlorite OSEC Generator   | The breaker was overheating and tripping out. Current levels were well below breaker rating. Purchased a new breaker and replace.   |
| 3 Month Oil Change On Int. Draw-off Valves compressor                |                 | Interm Clarifier Sludge Bldg  |   |
| Semi-Annual Greasing Of Various Equipment                            |                 | Operations Center<br>Primary Sludge Pump 2<br>Primary Sludge Pump 3<br>Primary Sludge Pump 5<br>Raw Sewage Pump Station   |   |
| Exercise Ratio Valve #2  |                 | Tunnel - System 2 RAS   |   |
| Get tank ready for painting project.                                 | 28-Aug-20       | Secondary Clarifier 4   | Drain, wash down and pump out tank, repair rusted out inlet piping supports, replace inner weir corners, remove electrical power and light pole fixtures, remove catwalk railings and gratings. |
| Check All Fluids In The Equipment Listed Below                       | 31-Aug-20       | 2009 Sterling LT 7500   |   |
| Replace battery that failed  |                 | 2011 Ford F-250   | Remove old dead battery and install new.  |
| Check All Fluids In The Equipment Listed Below                       |                 | 2013 Wheel Loader #334<br>2014 Freightliner M2106 6 yd d<br>2015 Wheel Loader #332<br>2017 Deere 544K Wheel Loader<br>2019 Skid Steer<br>4 inch Jaeger Pump<br>6 in CH&E DSL TRSH PMP PERKIN<br>6 in CHE Diesel Trash Pump C/P<br>6 in JAEGER PUMP ( FORD ) |   |
| Recertification of Class A/B Operators for Underground Storage Tanks |                 | Emerg Gen Diesel Storage Tank   |   |

| Work Assignment                                | Completion Date | Equipment              | NOTATIONS |
|--|-----------------|------------------------|-----------|
| Check All Fluids In The Equipment Listed Below |                 | Portable Generator 150 |           |
|  |                 | Portable Generator 200 |           |
|  |                 | Portable Generator 350 |           |
|  |                 | WWTC ODS Pump Air      |           |
|  |                 | Compressor             |           |

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

DATE: September 10, 2020

TO: Amy Underwood  
General Manager

FROM: Robert Swirsky  
Sewer System Maintenance Supervisor

RE: Monthly Report – August, 2020

|    |  |         |              |
|----|--|---------|--------------|
| 1. | JULIE Line Markings:                       | Current | Year to Date |
|    | Received                                   | 1289    | 8888         |
|    | In District                                | 1216    | 8326         |
|    | Marked                                     | 204     | 1487         |
|    | Man Hours                                  | 97      | 635          |
| 2. | Building Service:                          | Current | Year to Date |
| a. | BSSRAP TV Inspections                      | 17      | 122          |
| b. | Emergency BSSRAP Repairs                   | 08      | 58           |
| c. | Total BSSRAP Repairs                       | 12      | 84           |
| d. | I&I inspections                            | 00      | 01           |
| e. | I&I C.O. installation                      | 00      | 04           |
| f. | Replace broken cleanout caps               | 01      | 01           |
| g. | OHSP TV Inspections                        | 02      | 06           |
| h. | Post Rodding TV                            | 00      | 49           |
| 3. | Sewer backups:                             | Current | Year to Date |
| a. | Public sewer                               | 01      | 3            |
| b. | Private sewer                              | 09      | 147          |
| c. | Surcharged main                            | 00      | 36           |
| d. | Pump station                               | 00      | 0            |
|    | Total                                      | 10      | 186          |
|    |  | Current | Year to Date |
| 4. | Sewer Cleaning (DGSD personnel):           | 0       | 125,136 Ft.  |
|    | a. Sewer Cleaning (outside contractors):   | 0       | 345 Ft.      |
| 5. | Main Sewer Televising (DGSD personnel):    | 843     | 2,235 Ft.    |
|    | a. Sewer Televising (outside contractors): | 0       | 0 Ft.        |
| 6. | LETS TV                                    | 0       | 2            |
| 7. | Manhole inspections                        | 0       | 153          |

8. Sewer and manhole repairs and replacements by Uno Construction:

Relocated manhole 1F-093, replacing the deteriorating manhole and removing 2 service connections into the manhole. Extended the mainline 12' to allow for a new house construction service connection and re-connected the existing service. Repaired the broken force main on Venard Road between FMV-Bend-1 to FMV-001.

9. Miscellaneous: (sewer system personnel)

- a. Assist with force main break and cleanup.

**CC: WDVb, AES, PWC, RTJ, KJR, MS, AU, TTC, WCC, MCW**

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

DATE: September 10, 2020

TO: Amy R. Underwood  
General Manager

FROM: Keith Shaffner  
Sewer Construction Supervisor

RE: Monthly Report: Sewer Construction \ Code Enforcement – August 2020

- | 1. | Permits issued: | Current  | Year to Date |
|----|-----------------|----------|--------------|
| a. | Single family   | 3        | 29           |
| b. | Multiple family | 1        | 1            |
| c. | Commercial      | 0        | 9            |
| d. | Repair          | 2        | 4            |
| e. | Disconnection   | <u>5</u> | <u>23</u>    |
|    | Total           | 11       | 66           |
- 
- | 2. | Inspections made:      | Current  | Year to Date |
|----|------------------------|----------|--------------|
| a. | Connections            | 4        | 46           |
| b. | Finals                 | 3        | 46           |
| c. | Repairs                | 2        | 6            |
| d. | Disconnects            | 6        | 28           |
| e. | Groundwork             | 0        | 4            |
| f. | Walk-Thru              | 0        | 0            |
| g. | Pre-connections        | 2        | 9            |
| h. | Overhead Sewer Program | 0        | 3            |
| i. | Code Enforcement       | 2        | 15           |
| j. | Lateral testing        | <u>9</u> | <u>49</u>    |
|    | Total                  | 28       | 206          |
- 
3. New Sewer Extension Construction:
- a. None
- 
4. New Sewer Extension Testing - air, deflection, manhole, and televising:
- a. None
- 
5. Code Enforcement:
- a. 4836 Wallbank Downers Grove – Inspection and planning of disconnection of drain tile line from sanitary service to new installed storm sump pit.
- b. Main Street County Paving Work – Inspection of sanitary manholes after being cleaned by contractor due to road grindings falling in manhole.

6. Plan & Permit Reviews:
  - a. 4534 Oakwood – Single Family Home Review
  - b. 526 Rogers – Multi Family Home Review
  - c. 4129 Saratoga – Multi Family Repair Review
  - d. 4250 Saratoga – Multi Family Repair Review
7. Building Sanitary Service Access Agreements:
  - a. 2725 35<sup>th</sup> – Oak Brook
  - b. 3630 Fairview – Downers Grove
  - c. 4534 Oakwood – Downers Grove
8. Illinois EPA Permits:
  - a. none
9. Waste Hauling Permits Issued:

None
10. Miscellaneous:
  - a. As of August 10<sup>th</sup> Kim Giardini has started with the Code Enforcement Department as a Permit Tech. / Inspector. She has been working in the field with Inspector Danny Jasso three days a week and returning to her past role as an Administrative Assistant to help DGSD in this time of transition until her administrative role has been filled.
  - b. Covid-19 pandemic - The Code Enforcement Department has continued to function at a high level of service. Inspectors Danny Jasso and Kim Giardini have 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.

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

# Permits Issued: AUGUST 2020

| YEAR | PERMIT # | ADDRESS | STREET     | CIT   | ISSUE     | TYPE   | TAP FEE    | INSP FEE   |
|------|----------|---------|------------|-------|-----------|--------|------------|------------|
| 2020 | 61       | 4250    | SARATOGA   | DG    | 8/3/2020  | REPAIR |            |            |
| 2020 | 62       | 4129    | SARATOGA   | DG    | 8/3/2020  | REPAIR |            |            |
| 2020 | 39       | 2725    | 35TH       | OB    | 8/5/2020  | SF-RB  |            | \$223.00   |
| 2020 | 58       | 3630    | FAIRVIEW   | DG    | 8/5/2020  | SF-RB  |            | \$223.00   |
| 2020 | 63       | 4534    | OAKWOOD    | DG    | 8/6/2020  | DISCON |            |            |
| 2020 | 64       | 538     | GRANT      | DG    | 8/6/2020  | DISCON |            |            |
| 2020 | 65       | 240 S   | WASHINGTON | W     | 8/6/2020  | DISCON |            |            |
| 2020 | 66       | 5240    | LYMAN      | DG    | 8/19/2020 | DISCON |            |            |
| 2020 | 67       | 510 N   | WASHINGTON | W     | 8/19/2020 | DISCON |            |            |
| 2020 | 57       | 528     | ROGERS     | DG    | 8/26/2020 | MULTI  | \$6,496.00 | \$669.00   |
| 2020 | 60       | 4534    | OAKWOOD    | DG    | 8/27/2020 | SF-RB  |            | \$223.00   |
|      |          |         |            | TOTAL |           |        | \$6,496.00 | \$1,338.00 |

# Permit Final Inspections: AUGUST 2020

| YEAR | PERMIT # | ADDRESS | STREET  | CITY | FINAL     |
|------|----------|---------|---------|------|-----------|
| 2019 | 127      | 100     | W 63RD  | W    | 8/6/2020  |
| 2020 | 25       | 5616    | KATRINE | DG   | 8/26/2020 |
| 2019 | 5        | 4500    | OAKWOOD | DG   | 8/31/2020 |

## **Progress Report**

To: Amy Underwood, General Manager  
From: Reese Berry, Laboratory Supervisor  
Date: September 10, 2020  
Re: August 2020 Laboratory Report

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

### **Surcharge:**

Due to Covid19 and the essential staffing mandate, we will not be surcharge sampling until the laboratory is fully staffed. At this time, we will not sample our surcharge customers this year, due to Covid19. We feel typical flow from these facilities has been impacted, so we feel it's best not to bill based on data that would be collected during this time.

### **Pretreatment Activities:**

#### **Dental Amalgam Rule:**

We hand delivered Dental Amalgam Reports to local dentists who haven't responded to the first 2 mailings. After speaking with reps, I believe they were simply misplaced or lost in the shuffle during the initial Covid19 response. We are still awaiting 10 dental amalgam forms from users. I'm in the process of following up in person with these locations, but due to Covid19, some of these locations are either closed or open very limited hours.

#### **Industrial Sampling:**

We have another round of sampling to do in the fall for our permitted users. We plan to get this completed during September to avoid inclement weather later in the year. All users are in compliance at this time.

### **Personnel:**

Stephanie Cioni was offered and accepted the position of Laboratory Analyst. Her first day at DGSD was September 1<sup>st</sup>. Stephanie worked at DGSD as a temporary Lab Analyst during a summer/fall a few years ago, then left for full time employment. We welcome her back in a full time role with DGSD and are happy to have her. Malwina and I have been in the lab with Stephanie to help train and transition her into the Lab Analyst role. We plan to go back to the Covid19 staffing plan after her training is completed.

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

To: Amy Underwood, General Manager  
From: Alex Bielawa, Staff Engineer  
Re: Engineering Report for the Month August, 2020  
Date: September 10, 2020

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

### **A. Flow Monitoring**

Currently the District is monitoring the Cycle “D” group of metering locations. Due to COVID-19, data is uploaded approximately every three weeks instead of weekly.

### **B. Composting Pilot**

The District and Sustainable Generation moved to Phase 1 of Heap 2 on September 2, 2020. The final product from Heap 1 is awaiting screening and pathogen/virus testing for public distribution.



### C. Sewer System Televising

Approximately 61,138 Lineal Feet of Sanitary Sewer, ranging from 8” to 36” as well as 40 hours of heavy cleaning; bids were opened on June 11, 2020 and the apparent low bidder was Sewertech LLC of Schaumburg, Illinois in the amount of \$84,422.50. The District is awaiting a start date from the contractor.

## II. Construction Projects

### A. WWTC WAS Thickener

R.J. O’Neil did not submit a pay request this month.

|                             |                     |
|-----------------------------|---------------------|
| Contract Sum to Date        | \$587,700.00        |
| Total Completed to Date     | \$556,227.00        |
| Retainage                   | <u>\$27,811.35</u>  |
| Total Earned Less Retainage | \$528,415.65        |
| Less Previous Payments      | <u>\$528,415.65</u> |
| <b>Current Payment Due</b>  | <b>\$0.00</b>       |

Baxter & Woodman continues to provide construction observation services. Please see the attached Client Status Report from Baxter & Woodman for more information.

We are awaiting integration into our SCADA system and startup operations.

### B. Flow Basin 1K-028 Sanitary Sewer Replacement

Uno Construction did not submit a Payment Request this month.

|                             |                       |
|-----------------------------|-----------------------|
| Contract Sum to Date        | \$1,304,525.00        |
| Total Completed to Date     | \$1,135,267.00        |
| Retainage                   | <u>\$113,526.70</u>   |
| Total Earned Less Retainage | \$1,021,740.30        |
| Less Previous Payments      | <u>\$1,021,740.30</u> |
| <b>Current Payment Due</b>  | <b>\$0.00</b>         |

Uno Construction has completed correcting the unacceptable sections of replaced pipe. The District is awaiting a final pay request.

### **C. WWTC Paving**

All of the paving work has been completed.

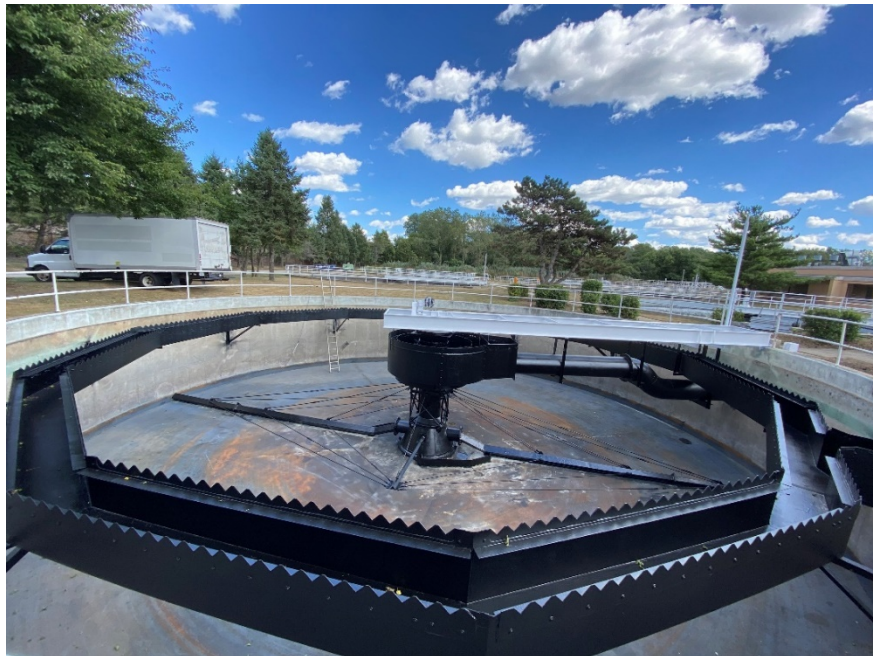
### **D. Stanley Avenue Sanitary Sewer Rehabilitation**

Baxter & Woodman has prepared plans and specifications to line approximately 1,550 lineal feet of pipe on Stanley Avenue. Please see the attached Client Status Report from Baxter & Woodman for more information.

Pre- construction heavy cleaning was done on September 4, 2020. It is anticipated the lining will be begin on September 15, 2020.

### **E. WWTC Painting**

G.P. Maintenance has completed three out of the four areas around the treatment plant that need to be painted. The fourth item, the tunnel painting, will be performed in the fall.



## F. CHP No.1 Replacement

Baxter & Woodman - Boller Construction Company, LLC did not submit a pay request this month.

|                             |                     |
|-----------------------------|---------------------|
| Contract Sum to Date        | \$1,082,575.00      |
| Total Completed to Date     | \$195,284.00        |
| Retainage                   | <u>\$19,528.40</u>  |
| Total Earned Less Retainage | \$175,755.60        |
| Less Previous Payments      | <u>\$175,755.60</u> |
| <b>Current Payment Due</b>  | <b>\$0.00</b>       |

Baxter & Woodman and Boller Construction LLC are design building a replacement of our Tech 3 Combined Heat & Power (CHP) Engine. This engine had numerous engine failures and was not able to be repaired under contract. Baxter & Woodman and Boller Construction LLC are planning on replacing the 280 KW Tech 3 System with a 375 KW Nissen System. This Nissen unit will be identical to our existing Nissen unit located in the CHP No.2 room.

Demolition of the old Tech 3 Solutions unit has begun.



#### **G. Sherman Street Sanitary Sewer Replacement**

Baxter & Woodman has prepared plans and specifications for open cut replacement of approximately 347 feet of 8 inch sanitary sewer pipe with 10 inch sanitary sewer pipe. Please see the attached Client Status Report from Baxter & Woodman for more information.

The District is awaiting a start date from Austin-Tyler.

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

# Downers Grove Sanitary District



## Client Manager:

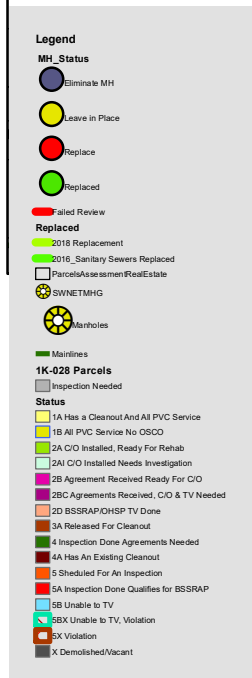
Derek Wold  
dwold@baxterwoodman.com  
815-444-3335

Project Status Report Issued On: 8/31/2020

| Project Title/Job  | Project Manager   | Completion Date | Tasks Completed This Period  | Tasks Pending This Period   | Items Waiting On Client  | Status Date |
|--|---|-----------------|--|---|--|-------------|
| Flow Monitoring<br>Job Number: [050739.90]                               | Shane Firsching<br>(815) 459-1260<br>sfirsching@baxterwoodman.com         | 12/30/2019      | None.  | Assist District with analysis.  | None   | 8/19/2020   |
| Nutrient Study RAS Denit<br>Job Number: [120501.33]                      | Derek Wold<br>dwold@baxterwoodman.com                                     | 12/31/2020      | No work during current period.   | Evaluation of scenarios as requested by District.   | Results after reinstating ATs 1-3.   | 8/19/2020   |
| Outfall Sewer Sag Repair<br>Job Number: [180237.40]                      | Shane Firsching<br>(815) 459-1260<br>sfirsching@baxterwoodman.com         | 12/31/2019      | Permit coordination with BNSF Railway.   | Coordinate BNSF Railway permit.   | None.  | 8/19/2020   |
| WWTC WAS Thickener -<br>Construction Services<br>Job Number: [190153.60] | Ray Koenig<br>(708) 478-2090<br>rkoenig@baxterwoodman.com                 | 1/31/2020       | Equipment installation.  | GCA, process shop drawings, monitor construction as needed.                               | none   | 8/31/2020   |
| 2020 Miscellaneous<br>Engineering Services<br>Job Number: [200044.00]    | Derek Wold<br>dwold@baxterwoodman.com                                     | 12/31/2020      | 2020 WWTF paving assistance and excess flow hydraulics review  | Assistance as requested.  | None   | 8/19/2020   |
| CHP No. 1 Design Build<br>Job Number: [200328.50]                        | Eider Alvarez-Puras<br>(708) 478-2090<br>ealvarez-puras@baxterwoodman.com | 3/9/2021        | Ordered CHP equipment. Coordinated delivery of radiator. Performed shop drawings review for CHP equipment. | Shop Drawing Approval. Progress meeting on 08/26.   | None   | 8/21/2020   |
| Sludge Storage Building<br>Job Number: [200381.40]                       | Chuck Brunner<br>(815) 459-1260<br>cbrunner@baxterwoodman.com             | 12/31/2020      | Coordination with alternate fabric building manufacturer.  | Review geotechnical investigation report, prepare and submit preliminary plans to client. | Define acceptable location for contractor material storage and staging area. | 8/24/2020   |

| Project Title/Job   | Project Manager   | Completion Date | Tasks Completed This Period   | Tasks Pending This Period  | Items Waiting On Client                                  | Status Date |
|---|---|-----------------|---|--|--|-------------|
| Stanley Avenue Sanitary Sewer Rehabilitation<br>Job Number: [200410.40] | Shane Firsching<br>(815) 459-1260<br>sfirsching@baxterwoodman.com | 12/31/2020      | Prepare and send construction agreement, bonds, etc.  | Field observation, as needed.<br>Review pay requests.            | Let us know if you need assistance observing field work. | 8/19/2020   |
| Sherman Street Sanitary Sewer Replacement<br>Job Number: [200411.40]    | Shane Firsching<br>(815) 459-1260<br>sfirsching@baxterwoodman.com | 12/31/2020      | Contract initiation.<br>Contract sent to Austin-Tyler.<br>Pre-Construction meeting.<br>IEPA permit revisions. | Field observation as needed.<br>General contract administration. | None.  | 8/19/2020   |

# 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                 | Y                  | N/A                | 19     | 8%                  |
| 1B       | Y                     | Y                     | N                    | N                 | N                  | N/A                | 1      | 0%                  |
| 2A       | Y                     | Y                     | Y                    | Y                 | Y                  | N                  | 81     | 36%                 |
| 2B       | Y                     | Y                     | Y                    | Y                 | Y                  | N                  | 17     | 7%                  |
| 2D       | Y                     | Y                     | Y                    | N                 | N                  | N                  | 3      | 1%                  |
| 3A       | Y                     | Y                     | Y                    | Y                 | N                  | N                  | 4      | 2%                  |
| 4        | Y                     | Y                     | N                    | N                 | N                  | N                  | 38     | 17%                 |
| 4A       | N                     | N                     | N                    | N                 | N/A                | N                  | 4      | 2%                  |
| 5        | Y                     | N                     | N                    | N                 | N                  | N                  | 0      | 0%                  |
| 5A       | Y                     | Y                     | N                    | N                 | N                  | N                  | 12     | 5%                  |
| 5AX      | Y                     | Y                     | N                    | N                 | N                  | N                  | 0      | 0%                  |
| 5B       | Y                     | N                     | N                    | N                 | N                  | N                  | 12     | 5%                  |
| 5BX      | Y                     | N                     | N                    | N                 | N                  | N                  | 1      | 0%                  |
| 0        | N                     | N                     | N                    | N                 | N                  | N                  | 30     | 13%                 |
| X        | -                     | -                     | -                    | -                 | -                  | -                  | 5      | 2%                  |
| 5X       | -                     | -                     | -                    | -                 | -                  | -                  | 1      | 0%                  |

### Category Description:

- 1A - PVC service with cleanout(may need to be sealed at the main)
- 1B - All PVC no Cleanout
- 2A - Cleanout installed, ready for rehab
- 2B - Ready for rehab
- 2D - BSSRAP/OHSP TV done
- 3A - Released to contractor for cleanout installation
- 4 - Inspection completed (Program application needed)
- 4A - Has an existing cleanout
- 5 - Inspections scheduled
- 5A - Inspection done - BSSRAP needed (qualifying defects or obstructions seen during TV)
- 5AX - Violation, BSSRAP needed
- 5B - Unable to TV
- 5BX - Unable to TV Violation
- 0 - Inspection Needed
- X - Demolished
- 5X - Inspection done - Violation not corrected

228      100%

11% Complete

2015 Basin I&I Ranking = 1  
2016 Basin I&I Ranking = 27  
2018 Basin I&I Ranking = 6

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

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE  
DATE: 8/31/2020

CASH BALANCES

|                      |                |                | PREVIOUS MONTH      |                 |                 |
|----------------------|----------------|----------------|---------------------|-----------------|-----------------|
|                      |                | BALANCE PER    | TOTAL BALANCE       | MONTHLY         | EARNINGS CREDIT |
| ACCOUNT NAME         | ACCOUNT NUMBER | BANK STATEMENT | PER BANK STATEMENTS | EARNINGS CREDIT | PERCENTAGE      |
| DEPOSIT              | XXXXXXXXXX1116 | \$858,085.19   |                     |                 |                 |
| DISBURSEMENT         | XXXXXXXXXX1111 | 184,753.14     |                     |                 |                 |
| FLEXIBLE BENEFITS    | XXXXXXXXXX6025 | 17,595.08      |                     |                 |                 |
| PAYROLL              | XXXXXXXXXX1117 | 204,509.85     |                     |                 |                 |
| PETTY CASH           | XXXXXXXXXX1112 | 3,560.05       |                     |                 |                 |
| USER REFUNDS         | XXXXXXXXXX1114 | 6,105.10       |                     |                 |                 |
| TOTAL - CASH AT BANK |                | \$1,274,608.41 | \$1,416,033.06      | \$213.68        | 0.0151%         |

INVESTMENTS

| TYPE      | FINANCIAL INSTITUTION | TERM   | MATURITY   | AMOUNT         | ANNUAL INT. RATE | GENERAL CORPORATE FUND (01) | IMPROVEMENT FUND (02) | CONSTRUCTION FUND (03) | PUBLIC BENEFIT FUND (05) | SEWER EXTENSION FUND (71) | INTEREST EARNED AT MATURITY |
|-----------|-----------------------|--------|------------|----------------|------------------|-----------------------------|-----------------------|------------------------|--------------------------|---------------------------|-----------------------------|
| CD        | LISLE SAVINGS BANK    | 12 MOS | 11/7/2020  | \$249,000.00   | 1.990%           | \$249,000.00                |                       |                        |                          |                           | \$4,955.10                  |
| CD        | BMO HARRIS BANK       | 7 MOS  | 12/17/2020 | \$250,000.00   | 0.995%           | \$250,000.00                |                       |                        |                          |                           | \$1,451.04                  |
| CD        | CIT BANK              | 14 MOS | 1/9/2021   | \$245,000.00   | 1.700%           | \$245,000.00                |                       |                        |                          |                           | \$4,859.17                  |
| CD        | EVERGREEN BANK GROUP  | 12 MOS | 2/13/2021  | \$250,000.00   | 1.990%           | \$250,000.00                |                       |                        |                          |                           | \$4,975.00                  |
| CD        | FIRST MIDWEST BANK    | 13 MOS | 3/15/2021  | \$250,000.00   | 1.490%           | \$100,000.00                | \$107,719.45          |                        | \$35,260.73              | \$7,019.82                | \$4,035.42                  |
| CD        | TRISTATE CAPITAL      | 12 MOS | 4/9/2021   | \$249,990.00   | 1.100%           |                             | \$249,990.00          |                        |                          |                           | \$2,749.89                  |
| CD        | ROYAL SAVINGS BANK    | 13 MOS | 7/2/2021   | \$250,000.00   | 0.850%           | \$100,000.00                | \$150,000.00          |                        |                          |                           | \$2,302.08                  |
| TOTAL CDs |                       |        |            | \$1,743,990.00 | 1.452%           | \$1,194,000.00              | \$507,709.45          | \$0.00                 | \$35,260.73              | \$7,019.82                | \$25,327.70                 |

| TYPE                          | FINANCIAL INSTITUTION | TERM    | LAST ACTION DATE | AMOUNT*        | CURRENT RATE OF RETURN |                |                |              |             |            | ESTIMATED ANNUAL RETURN |
|-------------------------------|-----------------------|---------|------------------|----------------|------------------------|----------------|----------------|--------------|-------------|------------|-------------------------|
| MM                            | AXOS BANK             | ONGOING | 2/15/2019        | \$1,182.63     | 0.300%                 | \$1,182.63     |                |              |             |            | \$3.55                  |
| MM                            | BANKFINANCIAL         | ONGOING | 3/13/2013        | \$15,545.10    | 0.200%                 | \$15,545.10    |                |              |             |            | \$31.09                 |
| MM                            | CIT BANK              | ONGOING | 11/9/2016        | \$5,000.00     | 0.050%                 | \$5,000.00     |                |              |             |            | \$2.50                  |
| MM                            | LIMESTONE BANK        | ONGOING | 9/9/2013         | \$1,077.81     | 0.100%                 | \$1,077.81     |                |              |             |            | \$1.08                  |
| MM                            | LISLE SAVINGS BANK    | ONGOING | 9/2/2015         | \$1,003.36     | 0.200%                 | \$1,003.36     |                |              |             |            | \$2.01                  |
| MM                            | LUANA SAVINGS BANK    | ONGOING | 2/15/2019        | \$2,519.10     | 0.350%                 | \$2,519.10     |                |              |             |            | \$8.82                  |
| MM                            | ROYAL SAVINGS BANK    | ONGOING | 12/4/2012        | \$322.06       | 0.000%                 | \$322.06       |                |              |             |            | \$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             |                       |         |                  | \$281,804.15   | 0.461%                 | \$276,650.06   | \$5,154.09     | \$0.00       | \$0.00      | \$0.00     | \$1,299.04              |
| ILLINOIS FUNDS - MONEY MARKET |                       |         |                  | \$3,284,002.97 | 0.161%                 | \$1,865,068.71 | \$607,168.67   | \$811,765.59 | \$0.00      | \$0.00     | \$5,287.24              |
| TOTAL - ALL INVESTMENTS       |                       |         |                  | \$5,309,797.12 | 0.601%                 | \$3,335,718.77 | \$1,120,032.21 | \$811,765.59 | \$35,260.73 | \$7,019.82 | \$31,913.98             |

TOTAL CASH AND INVESTMENTS \$6,584,405.53

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

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



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P.O. Box 1412  
Downers Grove, IL 60515-0703  
Phone: 630-969-0664  
Fax: 630-969-0827  
[www.dgsd.org](http://www.dgsd.org)

**General Manager**  
Amy R. Underwood

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

**Memo**

To: Board of Trustees  
From: Amy R. Underwood, General Manager  
Date: September 11, 2020  
Subject: Treasurer's Report for August 2020

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

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

| Year-to-date        | Income                   | Expense                  |
|---------------------|--------------------------|--------------------------|
| General Fund        | \$ 3,308,544.85 (page 1) | \$ 3,316,889.56 (page 6) |
| Improvement Fund    | \$ 76,879.84 (page 7)    | \$ 0.00 (page 7)         |
| Construction Fund   | \$ 156,779.48 (page 8)   | \$ 0.00 (page 9)         |
| Public Benefit Fund | \$ 176.74 (page 10)      | \$ 0.00 (page 10)        |
| TOTAL               | \$ 3,542,380.91          | \$ 3,316,889.56          |

C: BOLI, WCC, MGP

=====

| Fund number & Description     | Ending<br>Fund Balance |
|-------------------------------|------------------------|
| -----                         |                        |
| Fund 01 : GENERAL FUND        | \$4,229,563.36         |
| Fund 02 : IMPROVEMENT FUND    | \$1,216,075.84         |
| Fund 03 : CONSTRUCTION FUND   | \$1,189,689.24         |
| Fund 05 : PUBLIC BENEFIT FUND | \$37,501.72            |
|                               |                        |
| Recap Totals                  | <hr/> \$6,672,830.16   |

TREASURER'S REPORT

DATE 09/08/20 MONTH ENDED 08/31/20 PAGE 1  
FUND 01 GENERAL FUND

| NUMBER             | DESCRIPTION                            | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | ACTUAL-<br>BUDGET<br>VARIANCE | VAR<br>% | TOTAL<br>BUDGET |
|--------------------|--|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| =====              |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 05            | REVENUES                               |      |                            |                            |                 |                 |                               |          |                 |
| 3000               | PROPERTY TAXES                         |      | 103,038.38-                | 12,921-                    | 777,384.05-     | 675,924-        | 101,460.05-                   | 15.0     | 1,254,500-      |
| 3001               | USER RECEIPTS                          |      | 247,967.68-                | 284,708-                   | 950,952.62-     | 1,069,811-      | 118,858.38                    | 11.1-    | 3,451,000-      |
| 3002               | SURCHARGES                             |      | 13,996.98-                 | 31,250-                    | 87,119.17-      | 125,000-        | 37,880.83                     | 30.3-    | 375,000-        |
| 3004               | PLAN REVIEW FEES                       |      | .00                        | 500-                       | .00             | 1,000-          | 1,000.00                      | 100.0-   | 2,000-          |
| 3005               | CONSTRUCTION INSPECTION FEES           |      | .00                        | 120-                       | .00             | 240-            | 240.00                        | 100.0-   | 500-            |
| 3006               | PERMIT INSPECTION FEES                 |      | 1,338.00-                  | 1,833-                     | 6,597.00-       | 7,332-          | 735.00                        | 10.0-    | 22,000-         |
| 3007               | INTEREST ON INVESTMENTS                |      | 2,075.91-                  | 3,167-                     | 10,181.26-      | 12,668-         | 2,486.74                      | 19.6-    | 38,000-         |
| 3013               | SAMPLING AND MONITORING                |      | 7,318.48-                  | 6,042-                     | 33,755.13-      | 24,164-         | 9,591.13-                     | 39.7     | 72,500-         |
| 3014               | REPLACEMENT TAXES                      |      | 9,238.62-                  | 4,100-                     | 33,773.97-      | 27,900-         | 5,873.97-                     | 21.1     | 75,000-         |
| 3015               | MISCELLANEOUS INCOME                   |      | .00                        | 833-                       | 20,854.01-      | 3,332-          | 17,522.01-                    | 525.9    | 10,000-         |
| 3021               | TELEVISION INSPECTION                  |      | .00                        | 0                          | .00             | 0               | .00                           | .0       | 150-            |
| 3023               | PROPERTY LEASE PAYMENTS                |      | 2,878.78-                  | 2,904-                     | 11,515.12-      | 11,616-         | 100.88                        | .9-      | 34,850-         |
| 3024               | MONTHLY SERVICE FEES                   |      | 314,670.23-                | 350,268-                   | 1,324,110.67-   | 1,322,778-      | 1,332.67-                     | .1       | 4,120,800-      |
| 3027               | GREASE WASTE                           |      | 14,238.90-                 | 16,667-                    | 52,301.85-      | 66,668-         | 14,366.15                     | 21.6-    | 200,000-        |
| 3040               | RENEWABLE ENERGY CREDITS               |      | .00                        | 0                          | .00             | 750-            | 750.00                        | 100.0-   | 3,000-          |
| =====              |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 05 TOTALS     |  |      | 716,761.96-                | 715,313-                   | 3,308,544.85-   | 3,349,183-      | 40,638.15                     | 1.2-     | 9,659,300-      |
| =====              |  |      |                            |                            |                 |                 |                               |          |                 |
| FUND REVENUE TOTAL |  |      | 716,761.96-                | 715,313-                   | 3,308,544.85-   | 3,349,183-      | 40,638.15                     | 1.2-     | 9,659,300-      |
| =====              |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 11            | O & M EXPENSES - ADMINISTRATION        |      |                            |                            |                 |                 |                               |          |                 |
| SECT A             | SALARIES AND WAGES                     |      |                            |                            |                 |                 |                               |          |                 |
| A001               | TRUSTEES                               |      | 4,500.00                   | 4,500                      | 9,000.00        | 9,000           | .00                           | .0       | 18,000          |
| A002               | BOLI                                   |      | .00                        | 225                        | .00             | 450             | 450.00-                       | 100.0-   | 900             |
| A003               | GENERAL MANAGEMENT                     |      | 10,247.18                  | 15,263                     | 85,348.19       | 83,638          | 1,710.19                      | 2.0      | 244,200         |
| A004               | FINANCIAL RECORDS                      |      | 14,826.96                  | 12,150                     | 77,523.69       | 66,582          | 10,941.69                     | 16.4     | 194,400         |
| A005               | ADMINISTRATIVE RECORDS                 |      | 2,013.02                   | 1,581                      | 10,144.47       | 8,665           | 1,479.47                      | 17.1     | 25,300          |
| A006               | ENGINEERING                            |      | .00                        | 772                        | 581.02          | 4,230           | 3,648.98-                     | 86.3-    | 12,350          |
| A007               | CODE ENFORCEMENT                       |      | 17,388.96                  | 45,275                     | 154,601.44      | 149,547         | 5,054.44                      | 3.4      | 372,400         |
| A008               | SAFETY ACTIVITIES                      |      | 1,922.88                   | 1,391                      | 10,064.40       | 7,621           | 2,443.40                      | 32.1     | 22,250          |
| A030               | BUILDING AND GROUNDS                   |      | .00                        | 94                         | 580.00          | 514             | 66.00                         | 12.8     | 1,500           |
| A090               | WORK FROM HOME REIMBURSEMENT ALLOWANCE |      | 350.00                     | 0                          | 1,825.00        | 0               | 1,825.00                      | .0       | 0               |
| =====              |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT A TOTALS      |  |      | 51,249.00                  | 81,251                     | 349,668.21      | 330,247         | 19,421.21                     | 5.9      | 891,300         |
| =====              |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT B             | OPERATIONS AND MAINTENANCE             |      |                            |                            |                 |                 |                               |          |                 |
| B100               | ELECTRICITY                            |      | .00                        | 400                        | 721.63          | 1,625           | 903.37-                       | 55.6-    | 4,000           |
| B101               | NATURAL GAS                            |      | .00                        | 150                        | 222.03          | 600             | 377.97-                       | 63.0-    | 3,000           |
| B102               | WATER, GARBAGE AND OTHER UTILITIES     |      | 39.88                      | 0                          | 309.80          | 410             | 100.20-                       | 24.4-    | 1,200           |
| B110               | BANK CHARGES                           |      | 1,766.99                   | 1,500                      | 6,853.48        | 6,000           | 853.48                        | 14.2     | 18,000          |
| B112               | COMMUNICATION                          |      | 1,687.92                   | 1,608                      | 8,045.52        | 6,432           | 1,613.52                      | 25.1     | 19,300          |
| B113               | EMERGENCY/SAFETY EQUIPMENT             |      | 193.93                     | 3,500                      | 10,913.55       | 14,000          | 3,086.45-                     | 22.1-    | 42,000          |
| B115               | EQUIPMENT/EQUIPMENT REPAIR             |      | 4,934.45                   | 13,000                     | 26,630.77       | 31,300          | 4,669.23-                     | 14.9-    | 93,000          |
| B116               | SUPPLIES                               |      | 162.19                     | 625                        | 792.80          | 2,500           | 1,707.20-                     | 68.3-    | 7,500           |
| B117               | EMPLOYEE/DUTY COSTS                    |      | 268.00                     | 1,667                      | 1,268.03        | 6,668           | 5,399.97-                     | 81.0-    | 20,000          |
| B118               | BUILDING AND GROUNDS                   |      | 9,579.35                   | 3,000                      | 14,067.38       | 14,000          | 67.38                         | .5       | 34,000          |

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| NUMBER                            | DESCRIPTION                            | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | ACTUAL-<br>BUDGET<br>VARIANCE | VAR<br>% | TOTAL<br>BUDGET |
|-----------------------------------|--|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| B119                              | POSTAGE                                |      | .00                        | 792                        | 1,136.22        | 3,168           | 2,031.78-                     | 64.1-    | 9,500           |
| B120                              | PRINTING/PHOTOGRAPHY                   |      | .00                        | 800                        | 4,098.00        | 9,600           | 5,502.00-                     | 57.3-    | 12,000          |
| B121                              | USER BILLING MATERIALS                 |      | 4,335.36                   | 6,333                      | 19,877.07       | 25,332          | 5,454.93-                     | 21.5-    | 76,000          |
| B124                              | CONTRACT SERVICES                      |      | 2,255.00                   | 8,500                      | 17,963.88       | 34,000          | 16,036.12-                    | 47.2-    | 102,000         |
| B137                              | MEMBERSHIPS/SUBSCRIPTIONS              |      | 399.00                     | 0                          | 778.00          | 1,000           | 222.00-                       | 22.2-    | 11,100          |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT B TOTALS                     |  |      | 25,622.07                  | 41,875                     | 113,678.16      | 156,635         | 42,956.84-                    | 27.4-    | 452,600         |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT C VEHICLES                   |  |      |                            |                            |                 |                 |                               |          |                 |
| C222                              | GAS/FUEL                               |      | 57.93                      | 125                        | 191.07          | 600             | 408.93-                       | 68.2-    | 2,000           |
| C225                              | OPERATION/REPAIR                       |      | .00                        | 650                        | 187.08          | 1,300           | 1,112.92-                     | 85.6-    | 2,600           |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT C TOTALS                     |  |      | 57.93                      | 775                        | 378.15          | 1,900           | 1,521.85-                     | 80.1-    | 4,600           |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 11 TOTALS                    |  |      | 76,929.00                  | 123,901                    | 463,724.52      | 488,782         | 25,057.48-                    | 5.1-     | 1,348,500       |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 12 O & M EXPENSES - WWTC     |  |      |                            |                            |                 |                 |                               |          |                 |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT A SALARIES AND WAGES         |  |      |                            |                            |                 |                 |                               |          |                 |
| A006                              | ENGINEERING                            |      | 4,172.78                   | 2,281                      | 17,971.37       | 12,501          | 5,470.37                      | 43.8     | 36,500          |
| A009                              | OPERATIONS MANAGEMENT                  |      | 3,862.94                   | 6,506                      | 32,549.65       | 35,654          | 3,104.35-                     | 8.7-     | 104,100         |
| A010                              | MAINTENANCE - BUDGET                   |      | .00                        | 33,128                     | .00             | 181,542         | 8,436.25                      | 4.7      | 530,050         |
| A011                              | MAINTENANCE - WWTC                     |      | 21,237.51                  | 0                          | 116,505.31      | 0               | .00                           | .0       | 0               |
| A012                              | MAINTENANCE - VEHICLES                 |      | 623.21                     | 0                          | 623.21          | 0               | .00                           | .0       | 0               |
| A013                              | MAINTENANCE - ENERGY RECOVERY          |      | 188.91                     | 0                          | 3,904.14        | 0               | .00                           | .0       | 0               |
| A014                              | MAINTENANCE - ELECTRICAL               |      | 13,676.68                  | 0                          | 68,945.59       | 0               | .00                           | .0       | 0               |
| A020                              | WWTC - BUDGET                          |      | .00                        | 36,025                     | .00             | 197,417         | 49,896.55                     | 25.3     | 576,400         |
| A021                              | WWTC - OPERATIONS                      |      | 25,767.71                  | 0                          | 149,886.91      | 0               | .00                           | .0       | 0               |
| A022                              | WWTC - SLUDGE HANDLING                 |      | 19,623.32                  | 0                          | 94,067.46       | 0               | .00                           | .0       | 0               |
| A023                              | WWTC - ENERGY RECOVERY                 |      | 481.00                     | 0                          | 3,359.18        | 0               | .00                           | .0       | 0               |
| A030                              | BUILDING AND GROUNDS                   |      | 8,705.63                   | 8,584                      | 40,433.89       | 47,042          | 6,608.11-                     | 14.1-    | 137,350         |
| A090                              | WORK FROM HOME REIMBURSEMENT ALLOWANCE |      | .00                        | 0                          | 150.00          | 0               | 150.00                        | .0       | 0               |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT A TOTALS                     |  |      | 98,339.69                  | 86,524                     | 528,396.71      | 474,156         | 54,240.71                     | 11.4     | 1,384,400       |
| =====                             |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT B OPERATIONS AND MAINTENANCE |  |      |                            |                            |                 |                 |                               |          |                 |
| B100                              | ELECTRICITY                            |      | 117.47                     | 10,000                     | 22,861.94       | 40,000          | 17,138.06-                    | 42.9-    | 109,000         |
| B101                              | NATURAL GAS                            |      | .00                        | 200                        | 975.30          | 1,100           | 124.70-                       | 11.3-    | 10,000          |
| B102                              | WATER, GARBAGE AND OTHER UTILITIES     |      | 1,582.14                   | 1,350                      | 8,272.23        | 12,200          | 3,927.77-                     | 32.2-    | 36,000          |
| B103                              | ODOR CONTROL                           |      | .00                        | 200                        | .00             | 1,300           | 1,300.00-                     | 100.0-   | 4,000           |
| B104                              | FUEL - GENERATORS                      |      | 57.32                      | 3,500                      | 273.12          | 7,000           | 6,726.88-                     | 96.1-    | 14,000          |
| B112                              | COMMUNICATION                          |      | 1,815.85                   | 1,667                      | 6,386.21        | 6,668           | 281.79-                       | 4.2-     | 20,000          |
| B113                              | EMERGENCY/SAFETY EQUIPMENT             |      | 2,199.74                   | 792                        | 5,131.16        | 3,168           | 1,963.16                      | 62.0     | 9,500           |
| B116                              | SUPPLIES                               |      | 1,548.52                   | 2,692                      | 7,406.15        | 10,768          | 3,361.85-                     | 31.2-    | 32,300          |
| B117                              | EMPLOYEE/DUTY COSTS                    |      | 1,013.21                   | 2,600                      | 2,694.46        | 9,400           | 6,705.54-                     | 71.3-    | 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                          | 46,777.50       | 40,000          | 6,777.50                      | 16.9     | 80,000          |
| B400                              | CHEMICALS - BUDGET                     |      | .00                        | 10,054                     | .00             | 40,216          | 11,540.62-                    | 28.7-    | 120,650         |

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|-------------------------------------|---|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| =====                               |   |      |                            |                            |                 |                 |                               |          |                 |
| B401                                | CHEMICALS - DISINFECTION                    |      | .00                        | 0                          | 17,852.65       | 0               | .00                           | .0       | 0               |
| B402                                | CHEMICALS - SLUDGE DEWATERING               |      | 2,142.54                   | 0                          | 10,822.73       | 0               | .00                           | .0       | 0               |
| B501                                | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS |      | 23,327.98                  | 37,050                     | 61,717.15       | 155,200         | 93,482.85-                    | 60.2-    | 216,126         |
| B502                                | EQPT/EQPT REPAIR - DISINFECTION             |      | 2,832.99                   | 1,293                      | 7,721.96        | 5,172           | 2,549.96                      | 49.3     | 23,511          |
| B503                                | EQPT/EQPT REPAIR - EXCESS FLOW              |      | 22,534.28                  | 15,707                     | 26,591.25       | 17,828          | 8,763.25                      | 49.2     | 23,487          |
| B504                                | EQPT/EQPT REPAIR - GRIT REMOVAL             |      | 92.95                      | 884                        | 693.68          | 3,536           | 2,842.32-                     | 80.4-    | 38,859          |
| B505                                | EQPT/EQPT REPAIR - INFLUENT PUMPING         |      | .00                        | 3,094                      | 766.15          | 18,376          | 17,609.85-                    | 95.8-    | 43,132          |
| B506                                | EQPT/EQPT REPAIR - PRIMARY TREATMENT        |      | .00                        | 10,210                     | 6,852.08        | 16,840          | 9,987.92-                     | 59.3-    | 51,020          |
| B507                                | EQPT/EQPT REPAIR - SECONDARY TREATMENT      |      | 42,809.21                  | 18,315                     | 48,179.73       | 78,260          | 30,080.27-                    | 38.4-    | 141,276         |
| B508                                | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION     |      | 48,507.78                  | 160,000                    | 386,779.47      | 385,000         | 1,779.47                      | .5       | 504,244         |
| B509                                | EQPT/EQPT REPAIR - SLUDGE DEWATERING        |      | 1,991.75                   | 13,869                     | 4,338.80        | 51,175          | 46,836.20-                    | 91.5-    | 687,168         |
| B510                                | EQPT/EQPT REPAIR - SLUDGE DIGESTION         |      | 205.68                     | 3,625                      | 7,027.29        | 21,000          | 13,972.71-                    | 66.5-    | 99,997          |
| B511                                | EQPT/EQPT REPAIR - TERTIARY TREATMENT       |      | .00                        | 8,826                      | .00             | 12,804          | 12,804.00-                    | 100.0-   | 28,414          |
| B512                                | EQPT/EQPT REPAIR - WWTC GENERAL             |      | 7,008.68                   | 6,671                      | 10,164.92       | 15,425          | 5,260.08-                     | 34.1-    | 35,010          |
| B513                                | EQPT/EQPT REPAIR - WWTC UTILITIES           |      | 178,679.47                 | 55,400                     | 190,508.17      | 144,700         | 45,808.17                     | 31.7     | 795,606         |
| B801                                | BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS |      | .00                        | 292                        | .00             | 1,168           | 1,168.00-                     | 100.0-   | 3,500           |
| B802                                | BLDG AND GROUNDS - DISINFECTION             |      | 15,551.14                  | 13,750                     | 15,551.14       | 28,950          | 13,398.86-                    | 46.3-    | 29,811          |
| B803                                | BLDG AND GROUNDS - EXCESS FLOW              |      | 8,937.88                   | 0                          | 8,937.88        | 3,560           | 5,377.88                      | 151.1    | 3,560           |
| B804                                | BLDG AND GROUNDS - GRIT REMOVAL             |      | .00                        | 88                         | .00             | 352             | 352.00-                       | 100.0-   | 1,061           |
| B805                                | BLDG AND GROUNDS - INFLUENT PUMPING         |      | .00                        | 664                        | 351.50          | 2,656           | 2,304.50-                     | 86.8-    | 7,963           |
| B806                                | BLDG AND GROUNDS - PRIMARY TREATMENT        |      | .00                        | 442                        | .00             | 1,768           | 1,768.00-                     | 100.0-   | 5,305           |
| B807                                | BLDG AND GROUNDS - SECONDARY TREATMENT      |      | .00                        | 88                         | .00             | 352             | 352.00-                       | 100.0-   | 1,061           |
| B809                                | BLDG AND GROUNDS - SLUDGE DEWATERING        |      | .00                        | 715                        | .00             | 2,860           | 2,860.00-                     | 100.0-   | 15,561          |
| B810                                | BLDG AND GROUNDS - SLUDGE DIGESTION         |      | .00                        | 20,310                     | 668.90          | 21,240          | 20,571.10-                    | 96.9-    | 23,713          |
| B811                                | BLDG AND GROUNDS - TERTIARY TREATMENT       |      | .00                        | 567                        | 378.35          | 2,268           | 1,889.65-                     | 83.3-    | 6,805           |
| B812                                | BLDG AND GROUNDS - WWTC GENERAL             |      | 17,116.04                  | 27,470                     | 32,519.98       | 94,270          | 61,750.02-                    | 65.5-    | 202,019         |
| B813                                | BLDG AND GROUNDS - WWTC UTILITIES           |      | .00                        | 133                        | .00             | 532             | 532.00-                       | 100.0-   | 1,591           |
| =====                               |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT B TOTALS                       |   |      | 380,072.62                 | 432,518                    | 1,202,017.85    | 1,519,912       | 317,894.15-                   | 20.9-    | 3,714,050       |
| =====                               |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT C VEHICLES                     |   |      |                            |                            |                 |                 |                               |          |                 |
| C222                                | GAS/FUEL                                    |      | 1,358.07                   | 2,417                      | 4,519.72        | 9,668           | 5,148.28-                     | 53.3-    | 29,000          |
| C225                                | OPERATION/REPAIR                            |      | 285.83                     | 667                        | 801.91          | 2,668           | 1,866.09-                     | 69.9-    | 8,000           |
| C226                                | VEHICLE PURCHASES                           |      | .00                        | 5,000                      | .00             | 10,000          | 10,000.00-                    | 100.0-   | 10,000          |
| =====                               |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT C TOTALS                       |   |      | 1,643.90                   | 8,084                      | 5,321.63        | 22,336          | 17,014.37-                    | 76.2-    | 47,000          |
| =====                               |   |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 12 TOTALS                      |   |      | 480,056.21                 | 527,126                    | 1,735,736.19    | 2,016,404       | 280,667.81-                   | 13.9-    | 5,145,450       |
| =====                               |   |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 13 O & M EXPENSES - LABORATORY |   |      |                            |                            |                 |                 |                               |          |                 |
| =====                               |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT A SALARIES AND WAGES           |   |      |                            |                            |                 |                 |                               |          |                 |
| A009                                | OPERATIONS MANAGEMENT                       |      | 3,552.10                   | 5,141                      | 29,810.30       | 28,171          | 1,639.30                      | 5.8      | 82,250          |
| A040                                | LABORATORY - BUDGET                         |      | .00                        | 10,434                     | .00             | 57,180          | 2,292.43                      | 4.0      | 166,950         |
| A041                                | LAB - WWTC                                  |      | 9,565.47                   | 0                          | 56,259.71       | 0               | .00                           | .0       | 0               |
| A042                                | LAB - PRETREATMENT                          |      | .00                        | 0                          | 1,628.20        | 0               | .00                           | .0       | 0               |
| A043                                | LAB - SURCHARGE PROGRAM                     |      | .00                        | 0                          | 34.38           | 0               | .00                           | .0       | 0               |
| A047                                | LAB - MICRO                                 |      | 490.19                     | 0                          | 490.19          | 0               | .00                           | .0       | 0               |
| A048                                | LAB - ENERGY RECOVERY                       |      | 405.71                     | 0                          | 1,059.95        | 0               | .00                           | .0       | 0               |

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| NUMBER                                | DESCRIPTION                                | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | ACTUAL-<br>BUDGET<br>VARIANCE | VAR<br>% | TOTAL<br>BUDGET |
|---------------------------------------|--|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT A TOTALS                         |  |      | 14,013.47                  | 15,575                     | 89,282.73       | 85,351          | 3,931.73                      | 4.6      | 249,200         |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT B OPERATIONS AND MAINTENANCE     |  |      |                            |                            |                 |                 |                               |          |                 |
| B114                                  | CHEMICALS                                  |      | 720.55                     | 1,483                      | 3,267.18        | 5,936           | 2,668.82-                     | 45.0-    | 17,800          |
| B115                                  | EQUIPMENT/EQUIPMENT REPAIR                 |      | 1,045.07                   | 1,333                      | 1,507.90        | 5,332           | 3,824.10-                     | 71.7-    | 16,000          |
| B116                                  | SUPPLIES                                   |      | 1,686.40                   | 1,758                      | 4,593.50        | 7,032           | 2,438.50-                     | 34.7-    | 21,100          |
| B117                                  | EMPLOYEE/DUTY COSTS                        |      | 315.61                     | 467                        | 379.67          | 1,868           | 1,488.33-                     | 79.7-    | 5,600           |
| B122                                  | MONITORING EQUIPMENT                       |      | .00                        | 2,250                      | .00             | 4,500           | 4,500.00-                     | 100.0-   | 9,000           |
| B123                                  | OUTSIDE LAB SERVICES                       |      | 1,760.40                   | 1,642                      | 7,067.02        | 6,568           | 499.02                        | 7.6      | 19,700          |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT B TOTALS                         |  |      | 5,528.03                   | 8,933                      | 16,815.27       | 31,236          | 14,420.73-                    | 46.2-    | 89,200          |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT C VEHICLES                       |  |      |                            |                            |                 |                 |                               |          |                 |
| C222                                  | GAS/FUEL                                   |      | 29.40                      | 46                         | 76.07           | 184             | 107.93-                       | 58.7-    | 550             |
| C225                                  | OPERATION/REPAIR                           |      | .00                        | 50                         | 18.40           | 100             | 81.60-                        | 81.6-    | 200             |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT C TOTALS                         |  |      | 29.40                      | 96                         | 94.47           | 284             | 189.53-                       | 66.7-    | 750             |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 13 TOTALS                        |  |      | 19,570.90                  | 24,604                     | 106,192.47      | 116,871         | 10,678.53-                    | 9.1-     | 339,150         |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 14 O & M EXPENSES - SEWER SYSTEM |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT A SALARIES AND WAGES             |  |      |                            |                            |                 |                 |                               |          |                 |
| A006                                  | ENGINEERING                                |      | 135.37                     | 959                        | 4,520.08        | 5,257           | 736.92-                       | 14.0-    | 15,350          |
| A050                                  | SEWER MAINTENANCE - BUDGET                 |      | .00                        | 12,719                     | .00             | 69,699          | 19,970.16                     | 28.7     | 203,500         |
| A051                                  | SEWER MAINTENANCE                          |      | 16,165.38                  | 0                          | 84,692.27       | 0               | .00                           | .0       | 0               |
| A054                                  | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS |      | 616.54                     | 0                          | 4,976.89        | 0               | .00                           | .0       | 0               |
| A060                                  | INSPECTION - BUDGET                        |      | .00                        | 15,288                     | .00             | 83,776          | 20,970.27-                    | 25.0-    | 244,600         |
| A061                                  | INSPECTION - NEW CONSTRUCTION              |      | .00                        | 0                          | 1,096.72        | 0               | .00                           | .0       | 0               |
| A062                                  | INSPECTION - CONSTRUCTION OF DGSD PROJECTS |      | 2,884.72                   | 0                          | 15,458.33       | 0               | .00                           | .0       | 0               |
| A063                                  | INSPECTION - PERMIT INSPECTIONS            |      | 1,167.72                   | 0                          | 4,497.30        | 0               | .00                           | .0       | 0               |
| A064                                  | INSPECTION - MISCELLANEOUS                 |      | 2,309.46                   | 0                          | 5,996.64        | 0               | .00                           | .0       | 0               |
| A065                                  | INSPECTION - CONSTR BY VILLAGES, UTILITIES |      | 5,055.62                   | 0                          | 28,111.29       | 0               | .00                           | .0       | 0               |
| A066                                  | INSPECTION - CODE ENFORCEMENT              |      | 1,704.33                   | 0                          | 7,645.45        | 0               | .00                           | .0       | 0               |
| A070                                  | SEWER INVESTIGATIONS - BUDGET              |      | .00                        | 641                        | .00             | 3,511           | 3,495.22-                     | 99.6-    | 10,250          |
| A072                                  | SEWER INVESTIGATIONS                       |      | 15.78                      | 0                          | 15.78           | 0               | .00                           | .0       | 0               |
| A090                                  | WORK FROM HOME REIMBURSEMENT ALLOWANCE     |      | 50.00                      | 0                          | 475.00          | 0               | 475.00                        | .0       | 0               |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT A TOTALS                         |  |      | 30,104.92                  | 29,607                     | 157,485.75      | 162,243         | 4,757.25-                     | 2.9-     | 473,700         |
| =====                                 |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT B OPERATIONS AND MAINTENANCE     |  |      |                            |                            |                 |                 |                               |          |                 |
| B112                                  | COMMUNICATION                              |      | 599.53                     | 958                        | 2,294.44        | 3,832           | 1,537.56-                     | 40.1-    | 11,500          |
| B113                                  | EMERGENCY/SAFETY EQUIPMENT                 |      | 120.80                     | 363                        | 822.80          | 1,452           | 629.20-                       | 43.3-    | 4,350           |
| B115                                  | EQUIPMENT/EQUIPMENT REPAIR                 |      | 490.01                     | 4,954                      | 4,891.50        | 19,816          | 14,924.50-                    | 75.3-    | 59,450          |
| B116                                  | SUPPLIES                                   |      | 1,144.19                   | 333                        | 1,463.36        | 1,332           | 131.36                        | 9.9      | 4,000           |
| B117                                  | EMPLOYEE/DUTY COSTS                        |      | 232.81                     | 1,125                      | 1,217.14        | 4,500           | 3,282.86-                     | 73.0-    | 13,500          |
| B124                                  | CONTRACT SERVICES                          |      | .00                        | 8,750                      | .00             | 35,000          | 35,000.00-                    | 100.0-   | 105,000         |
| B127                                  | JULIE SYSTEM                               |      | .00                        | 1,396                      | 4,185.36        | 5,584           | 1,398.64-                     | 25.1-    | 16,750          |

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FUND 01 GENERAL FUND

| NUMBER                                 | DESCRIPTION                                 | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | ACTUAL-<br>BUDGET<br>VARIANCE | VAR<br>% | TOTAL<br>BUDGET |
|--|---|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| B128                                   | OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM  |      | 6,000.00                   | 6,250                      | 10,932.00       | 10,000          | 932.00                        | 9.3      | 43,000          |
| B129                                   | REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE |      | .00                        | 1,000                      | .00             | 4,000           | 4,000.00-                     | 100.0-   | 12,000          |
| B900                                   | SEWER SYSTEM REPAIRS - BUDGET               |      | .00                        | 220,000                    | .00             | 540,000         | 360,887.43-                   | 66.8-    | 1,603,600       |
| B902                                   | SEWER SYSTEM REPAIRS - REPLACEMENT          |      | 7,502.75-                  | 0                          | 8,325.01        | 0               | .00                           | .0       | 0               |
| B903                                   | SEWER SYSTEM REPAIRS - REHABILITATION       |      | 1,670.00                   | 0                          | 3,672.50        | 0               | .00                           | .0       | 0               |
| B910                                   | SEWER SYSTEM REPAIRS - BSSRAP PROGRAM       |      | 57,453.95                  | 0                          | 166,375.16      | 0               | .00                           | .0       | 0               |
| B913                                   | SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R |      | 220.16                     | 0                          | 739.90          | 0               | .00                           | .0       | 0               |
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT B TOTALS                          |   |      | 60,428.70                  | 245,129                    | 204,919.17      | 625,516         | 420,596.83-                   | 67.2-    | 1,873,150       |
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT C VEHICLES                        |   |      |                            |                            |                 |                 |                               |          |                 |
| C222                                   | GAS/FUEL                                    |      | 555.92                     | 2,167                      | 2,554.05        | 8,668           | 6,113.95-                     | 70.5-    | 26,000          |
| C225                                   | OPERATION/REPAIR                            |      | 49.64                      | 558                        | 1,471.98        | 2,232           | 760.02-                       | 34.1-    | 6,700           |
| C226                                   | VEHICLE PURCHASES                           |      | .00                        | 0                          | 23,588.00       | 44,500          | 20,912.00-                    | 47.0-    | 44,500          |
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT C TOTALS                          |   |      | 605.56                     | 2,725                      | 27,614.03       | 55,400          | 27,785.97-                    | 50.2-    | 77,200          |
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 14 TOTALS                         |   |      |                            |                            |                 |                 |                               |          |                 |
|  |   |      | 91,139.18                  | 277,461                    | 390,018.95      | 843,159         | 453,140.05-                   | 53.7-    | 2,424,050       |
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 15 O & M EXPENSES - LIFT STATIONS |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT A SALARIES AND WAGES              |   |      |                            |                            |                 |                 |                               |          |                 |
| A006                                   | ENGINEERING                                 |      | 26.41                      | 244                        | 26.41           | 1,336           | 1,309.59-                     | 98.0-    | 3,900           |
| A009                                   | OPERATIONS MANAGEMENT                       |      | .00                        | 619                        | .00             | 3,391           | 3,391.00-                     | 100.0-   | 9,900           |
| A030                                   | BUILDING AND GROUNDS                        |      | 148.50                     | 575                        | 148.50          | 3,151           | 3,002.50-                     | 95.3-    | 9,200           |
| A080                                   | LIFT STATION MAINTENANCE                    |      | 403.76                     | 4,838                      | 7,042.99        | 26,510          | 19,467.01-                    | 73.4-    | 77,400          |
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT A TOTALS                          |   |      | 578.67                     | 6,276                      | 7,217.90        | 34,388          | 27,170.10-                    | 79.0-    | 100,400         |
| =====                                  |   |      |                            |                            |                 |                 |                               |          |                 |
| SECT B OPERATIONS AND MAINTENANCE      |   |      |                            |                            |                 |                 |                               |          |                 |
| B100                                   | ELECTRICITY                                 |      | 8,476.05                   | 10,625                     | 37,282.71       | 42,500          | 5,217.29-                     | 12.3-    | 127,500         |
| B104                                   | FUEL - GENERATORS                           |      | .00                        | 1,125                      | .00             | 2,250           | 2,250.00-                     | 100.0-   | 4,500           |
| B112                                   | COMMUNICATION                               |      | 365.72                     | 500                        | 1,442.70        | 2,000           | 557.30-                       | 27.9-    | 6,000           |
| B113                                   | EMERGENCY/SAFETY EQUIPMENT                  |      | .00                        | 0                          | .00             | 500             | 500.00-                       | 100.0-   | 1,000           |
| B116                                   | SUPPLIES                                    |      | 122.01                     | 100                        | 122.01          | 200             | 77.99-                        | 39.0-    | 400             |
| B520                                   | EQPT/EQPT REPAIR - BUTTERFIELD              |      | .00                        | 100                        | 451.47          | 400             | 51.47                         | 12.9     | 2,294           |
| B521                                   | EQPT/EQPT REPAIR - CENTEX                   |      | .00                        | 330                        | 103.16          | 1,320           | 1,216.84-                     | 92.2-    | 5,033           |
| B522                                   | EQPT/EQPT REPAIR - COLLEGE                  |      | .00                        | 927                        | 429.79          | 3,708           | 3,278.21-                     | 88.4-    | 12,697          |
| B523                                   | EQPT/EQPT REPAIR - EARLSTON                 |      | .00                        | 100                        | 103.16          | 400             | 296.84-                       | 74.2-    | 2,183           |
| B524                                   | EQPT/EQPT REPAIR - HOBSON                   |      | 6,739.00                   | 0                          | 11,076.57       | 9,750           | 1,326.57                      | 13.6     | 19,947          |
| B525                                   | EQPT/EQPT REPAIR - LIBERTY PARK             |      | .00                        | 1,350                      | 103.16          | 1,710           | 1,606.84-                     | 94.0-    | 3,748           |
| B526                                   | EQPT/EQPT REPAIR - NORTHWEST                |      | .00                        | 425                        | 103.16          | 1,700           | 1,596.84-                     | 93.9-    | 6,674           |
| B527                                   | EQPT/EQPT REPAIR - VENARD                   |      | .00                        | 1,350                      | 451.47          | 1,710           | 1,258.53-                     | 73.6-    | 5,404           |
| B528                                   | EQPT/EQPT REPAIR - WROBLE                   |      | 455.00                     | 110                        | 558.16          | 440             | 118.16                        | 26.9     | 10,472          |
| B529                                   | EQPT/EQPT REPAIR - LIFT STATIONS GENERAL    |      | 2,334.85                   | 2,260                      | 2,503.67        | 15,540          | 13,036.33-                    | 83.9-    | 36,848          |
| B820                                   | BLDG AND GROUNDS - BUTTERFIELD              |      | 191.75                     | 0                          | 538.80          | 0               | 538.80                        | .0       | 0               |
| B821                                   | BLDG AND GROUNDS - CENTEX                   |      | 157.75                     | 0                          | 546.80          | 0               | 546.80                        | .0       | 0               |
| B823                                   | BLDG AND GROUNDS - EARLSTON                 |      | 157.75                     | 0                          | 533.80          | 0               | 533.80                        | .0       | 0               |
| B824                                   | BLDG AND GROUNDS - HOBSON                   |      | 1,039.93                   | 0                          | 1,552.25        | 0               | 1,552.25                      | .0       | 0               |

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| NUMBER   | DESCRIPTION                              | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | ACTUAL-<br>BUDGET<br>VARIANCE | VAR<br>% | TOTAL<br>BUDGET |
|--|--|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| B825   | BLDG AND GROUNDS - LIBERTY PARK          |      | 157.75                     | 0                          | 553.80          | 0               | 553.80                        | .0       | 0               |
| B826   | BLDG AND GROUNDS - NORTHWEST             |      | 157.75                     | 0                          | 591.80          | 0               | 591.80                        | .0       | 25,000          |
| B827   | BLDG AND GROUNDS - VENARD                |      | 157.75                     | 0                          | 546.80          | 0               | 546.80                        | .0       | 0               |
| B828   | BLDG AND GROUNDS - WROBLE                |      | 157.75                     | 5,000                      | 553.80          | 5,000           | 4,446.20-                     | 88.9-    | 5,000           |
| B829   | BLDG AND GROUNDS - LIFT STATIONS GENERAL |      | .00                        | 2,142                      | .00             | 10,568          | 10,568.00-                    | 100.0-   | 27,700          |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT B TOTALS  |  |      | 20,670.81                  | 26,444                     | 60,149.04       | 99,696          | 39,546.96-                    | 39.7-    | 302,400         |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 15 TOTALS   |  |      | 21,249.48                  | 32,720                     | 67,366.94       | 134,084         | 66,717.06-                    | 49.8-    | 402,800         |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS |  |      |                            |                            |                 |                 |                               |          |                 |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT E INSURANCE AND EMPLOYEE BENEFITS                 |  |      |                            |                            |                 |                 |                               |          |                 |
| E452   | LIABILITY/PROPERTY                       |      | .00                        | 0                          | 206,848.82      | 208,000         | 1,151.18-                     | .6-      | 208,000         |
| E455   | EMPLOYEE GROUP HEALTH                    |      | 39,041.72                  | 42,833                     | 152,571.78      | 171,332         | 18,760.22-                    | 11.0-    | 514,000         |
| E460   | IMRF                                     |      | 32,603.16                  | 26,235                     | 109,224.73      | 113,765         | 4,540.27-                     | 4.0-     | 318,000         |
| E461   | SOCIAL SECURITY                          |      | 14,598.94                  | 18,653                     | 85,205.16       | 85,189          | 16.16                         | .0       | 232,000         |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| SECT E TOTALS  |  |      | 86,243.82                  | 87,721                     | 553,850.49      | 578,286         | 24,435.51-                    | 4.2-     | 1,272,000       |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 17 TOTALS   |  |      | 86,243.82                  | 87,721                     | 553,850.49      | 578,286         | 24,435.51-                    | 4.2-     | 1,272,000       |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 91 SA EXPENSE                                     |  |      |                            |                            |                 |                 |                               |          |                 |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| DEPT 91 TOTALS   |  |      | .00                        | 0                          | .00             | 0               | .00                           | 0        |                 |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| FUND EXPENSE TOTAL                                     |  |      | 775,188.59                 | 1,073,533                  | 3,316,889.56    | 4,177,586       | 860,696.44-                   | 20.6-    | 10,931,950      |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |
| FUND 01 TOTALS   |  |      | 58,426.63                  | 358,220                    | 8,344.71        | 828,403         | 820,058.29-                   | 99.0-    | 1,272,650       |
| =====  |  |      |                            |                            |                 |                 |                               |          |                 |

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FUND 02 IMPROVEMENT FUND

| NUMBER  | DESCRIPTION                                     | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | TOTAL<br>BUDGET |
|---------|---|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 05 | REVENUES  |      |                            |                            |                 |                 |                 |
| 3007    | INTEREST ON INVESTMENTS                         |      | 452.92-                    | 1,408-                     | 3,218.88-       | 5,632-          | 16,900-         |
| 3010    | TRUNK SEWER SERVICE CHARGES                     |      | 2,777.63-                  | 7,500-                     | 73,660.96-      | 30,000-         | 90,000-         |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 05 | TOTALS  |      | 3,230.55-                  | 8,908-                     | 76,879.84-      | 35,632-         | 106,900-        |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 30 | CAPITAL EXP - ARRA - LOAN REPAYMENTS            |      |                            |                            |                 |                 |                 |
| 0500    | PROJECT BUDGET                                  |      | .00                        | 0                          | .00             | 0               | 93,200          |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 30 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 93,200          |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 36 | CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 36 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 47 | CAPITAL EXP - CENTEX LIFT STATION UPGRADE       |      |                            |                            |                 |                 |                 |
| 0502    | DESIGN ENGINEERING/ARCHITECTURAL                |      | .00                        | 0                          | .00             | 0               | 50,000          |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 47 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 50,000          |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 74 | CAPITAL EXP - SEWER - UNSEWERED AREAS           |      |                            |                            |                 |                 |                 |
| 0500    | PROJECT BUDGET                                  |      | .00                        | 0                          | .00             | 0               | 7,500           |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 74 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 7,500           |
| =====   |   |      |                            |                            |                 |                 |                 |
| FUND    | EXPENSE TOTAL                                   |      | .00                        | 0                          | .00             | 0               | 150,700         |
| =====   |   |      |                            |                            |                 |                 |                 |
| FUND 02 | TOTALS  |      | 3,230.55-                  | 8,908-                     | 76,879.84-      | 35,632-         | 43,800          |
| =====   |   |      |                            |                            |                 |                 |                 |

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FUND 03 CONSTRUCTION FUND

| NUMBER  | DESCRIPTION                                     | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | TOTAL<br>BUDGET |
|---------|---|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 05 | REVENUES  |      |                            |                            |                 |                 |                 |
| 3007    | INTEREST ON INVESTMENTS                         |      | 111.24-                    | 1,371-                     | 1,092.63-       | 5,484-          | 16,450-         |
| 3009    | SEWER PERMIT FEES                               |      | 6,496.00-                  | 20,833-                    | 155,686.85-     | 83,332-         | 250,000-        |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 05 | TOTALS  |      | 6,607.24-                  | 22,204-                    | 156,779.48-     | 88,816-         | 266,450-        |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 30 | CAPITAL EXP - ARRA - LOAN REPAYMENTS            |      |                            |                            |                 |                 |                 |
| 0500    | PROJECT BUDGET                                  |      | .00                        | 0                          | .00             | 0               | 28,900          |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 30 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 28,900          |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 31 | CAPITAL EXP - WWTC - CHP BIOGAS                 |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 31 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 32 | CAPITAL EXP - WWTC - SECOND TURBOBLOWER         |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 32 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 33 | CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 33 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 34 | CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 34 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 35 | CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2         |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 35 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 37 | CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2 |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 37 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 38 | CAPITAL EXP - WWTC - PROPERTY ACQUISITION       |      |                            |                            |                 |                 |                 |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 38 | TOTALS  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |   |      |                            |                            |                 |                 |                 |
| DEPT 39 | CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT    |      |                            |                            |                 |                 |                 |

DATE 09/08/20 MONTH ENDED 08/31/20  
FUND 03 CONSTRUCTION FUND

|         |                                     | ACTUAL    | BUDGET  |             |         |          |
|---------|-------------------------------------|-----------|---------|-------------|---------|----------|
|         | COST                                | CURRENT   | CURRENT | ACTUAL      | BUDGET  | TOTAL    |
| NUMBER  | DESCRIPTION                         | MONTH     | MONTH   | Y-T-D       | Y-T-D   | BUDGET   |
| =====   |                                     |           |         |             |         |          |
| =====   |                                     |           |         |             |         |          |
| DEPT 39 | TOTALS                              | .00       | 0       | .00         | 0       | 0        |
| =====   |                                     |           |         |             |         |          |
| DEPT 40 | CAPITAL EXP - WWTC - LOAN REPAYMENT |           |         |             |         |          |
| =====   |                                     |           |         |             |         |          |
| DEPT 40 | TOTALS                              | .00       | 0       | .00         | 0       | 0        |
| =====   |                                     |           |         |             |         |          |
| FUND    | EXPENSE TOTAL                       | .00       | 0       | .00         | 0       | 28,900   |
| =====   |                                     |           |         |             |         |          |
| FUND    | 03 TOTALS                           | 6,607.24- | 22,204- | 156,779.48- | 88,816- | 237,550- |
| =====   |                                     |           |         |             |         |          |

TREASURER'S REPORT

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 FUND 05 PUBLIC BENEFIT FUND

| NUMBER  | DESCRIPTION                                 | COST | ACTUAL  | BUDGET  | ACTUAL  | BUDGET | TOTAL  |
|---------|---|------|---------|---------|---------|--------|--------|
|         |   |      | CURRENT | CURRENT |         |        |        |
|         |   |      | MONTH   | MONTH   | Y-T-D   | Y-T-D  | BUDGET |
| =====   |   |      |         |         |         |        |        |
| DEPT 05 | REVENUES                                    |      |         |         |         |        |        |
| 3007    | INTEREST ON INVESTMENTS                     |      | 44.91-  | 46-     | 176.74- | 184-   | 550-   |
|         |   |      | =====   |         |         |        |        |
| DEPT 05 | TOTALS                                      |      | 44.91-  | 46-     | 176.74- | 184-   | 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    | EXPENSE TOTAL                               |      | .00     | 0       | .00     | 0      | 0      |
|         |   |      | =====   |         |         |        |        |
| FUND 05 | TOTALS                                      |      | 44.91-  | 46-     | 176.74- | 184-   | 550-   |
|         |   |      | =====   |         |         |        |        |

TREASURER'S REPORT

DATE 09/08/20

MONTH ENDED 08/31/20

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FUND 71 SEWER EXTENSIONS ESCROW

| NUMBER  | DESCRIPTION             | COST | ACTUAL<br>CURRENT<br>MONTH | BUDGET<br>CURRENT<br>MONTH | ACTUAL<br>Y-T-D | BUDGET<br>Y-T-D | TOTAL<br>BUDGET |
|---------|-------------------------|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| =====   |                         |      |                            |                            |                 |                 |                 |
| DEPT 05 | REVENUES                |      |                            |                            |                 |                 |                 |
| 3007    | INTEREST ON INVESTMENTS |      | 8.92-                      | 0                          | 35.10-          | 0               | 0               |
| =====   |                         |      |                            |                            |                 |                 |                 |
| DEPT 05 | TOTALS                  |      | 8.92-                      | 0                          | 35.10-          | 0               | 0               |
| =====   |                         |      |                            |                            |                 |                 |                 |
| DEPT 92 | SEWER EXPENSE           |      |                            |                            |                 |                 |                 |
| =====   |                         |      |                            |                            |                 |                 |                 |
| DEPT 92 | TOTALS                  |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |                         |      |                            |                            |                 |                 |                 |
| FUND    | EXPENSE TOTAL           |      | .00                        | 0                          | .00             | 0               | 0               |
| =====   |                         |      |                            |                            |                 |                 |                 |
| FUND 71 | TOTALS                  |      | 8.92-                      | 0                          | 35.10-          | 0               | 0               |
| =====   |                         |      |                            |                            |                 |                 |                 |

## **GENERAL MANAGER'S REPORT TO EMPLOYEES**

**August 28, 2020**

### **Personnel**

The District is now hiring an Administrative Assistant position at the Administration Center. Please direct all interested persons for this position to submit an application. Information about the position and an application can be found at the following link:

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

### **COVID-19 Measures**

Effective August 28, if you have been traveling to and are returning from the following states, you will be asked to self-quarantine prior to returning to work: Alabama, Arkansas, California, Florida, Georgia, Idaho, Iowa, Kansas, Louisiana, Mississippi, Missouri, Nevada, North Dakota, Oklahoma, Puerto Rico, South Carolina, South Dakota, Tennessee, and Texas. Please note that Arizona, Nebraska, North Carolina, and Wisconsin, which were previously on this list, have been removed from the list as the number of daily new cases in these states has dropped.

Thank you for your continued patience and understanding in following measures to keep all employees safe.

### **TopHealth**

The September 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

This project will be rebid.

- 2) WWTC WAS Mechanical Thickening

Concentric is working on the SCADA displays and programming.

3) Composting Pilot

Phase 3 will be complete next week. Phase 3 is the final step in composting. At the end of Phase 3, the bulking material (woodchips) can be removed and the product is ready for distribution. We will be building a new compost pile next week.

4) Paving Contract

Paving is complete.

5) Stanley Avenue Sanitary Sewer Rehabilitation

Cleaning is ongoing, and the lining is expected to be completed in September 17 and 18.

6) Sherman Street Sanitary Sewer Replacement

The contractor is currently coordinating with the Village to ensure that the Village's requirements are met. The work is expected to be completed in September.

7) CHP #1 Replacement

Demolition will start next week. The CHP equipment is expected to ship mid-September.

8) 2020 Painting Services

G.P. Maintenance Services, Inc. has finished coating Secondary Clarifier 3 and miscellaneous pedestals.

## **GENERAL MANAGER'S REPORT TO EMPLOYEES**

**September 11, 2020**

### **WWTC Operations Data – August**

The DMR for August indicates that the final effluent averaged 1.3 mg/L CBOD, 0.7 mg/L suspended solids and 0.21 mg/L ammonia nitrogen over a daily average flow of 6.99 MGD. There were no permit excursions in August.

### **Sewer Permits – August**

There were 11 sewer permits issued in August – 3 single family, 1 multiple family, 2 repair, and 5 disconnections.

### **Financial Data – August**

In August, the District received \$716,762 in the General fund, including \$103,038 in property taxes, \$247,968 in user charges, \$13,997 in surcharges, and \$314,670 in monthly fees. General fund expenses totaled \$775,189. The Improvement fund had revenues of \$3,231 and expenses of \$0. The Construction fund had revenues of \$6,607 and expenses of \$0.

### **Personnel**

The District is now hiring an Administrative Assistant position at the Administration Center. Please direct all interested persons for this position to submit an application. Information about the position and an application can be found at the following link:

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

### **COVID-19 Measures**

Effective September 11, if you have been traveling to and are returning from the following states, you will be asked to self-quarantine prior to returning to work: Alabama, Arkansas, Florida, Georgia, Hawaii, Idaho, Iowa, Kansas, Kentucky, Louisiana, Mississippi, Missouri, Nebraska, Nevada, North Carolina, North Dakota, Oklahoma, South Carolina, South Dakota, Tennessee, and Texas. In addition, if you travel by air, you will also be asked to self-quarantine prior to returning to work.

Thank you for your continued patience and understanding in following measures to keep all employees safe.

### **Presidential Executive Order and Payroll Tax Deferral**

On August 8, President Trump signed an executive order providing employers with the option of deferring the 6.2% employee portion of Social Security tax normally withheld each payroll from September 1, 2020 through December 31, 2020 for employees that receive less than \$4,000 every two weeks. If an employer decided to defer it from an employee's paycheck during that time, the employee would receive a larger amount of net pay, but would still owe the tax. The employer

would then collect the deferred tax amount on all payrolls from January 1, 2021 through April 30, 2021, meaning employees would receive a lower amount of net pay than they are currently used to receiving in order to “catch up” on the deferred tax. On August 28, the Internal Revenue Service provided additional guidance that an employer has the option to not participate in such a payroll tax deferral. **The District has elected to not participate.** There is no action for employees to take at this time.

### **Flu Shots**

The District will again be offering free flu shots to all employees this year. We are still investigating the logistics behind offering this to employees this year. Your participation is voluntary and we will have additional information coming in the next few weeks.

### **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

This project will be rebid.

#### 2) WWTC WAS Mechanical Thickening

Concentric is working on the SCADA displays and programming. Startup is expected to be complete by the end of September.

#### 3) Composting Pilot

Phase 3 of the first composting heap is complete. A portion of the compost was screened, and samples will be sent out for testing. The second composting heap was built last week.

#### 4) Stanley Avenue Sanitary Sewer Rehabilitation

Cleaning is complete, and the lining is expected to be completed on September 15<sup>th</sup>.

#### 5) Sherman Street Sanitary Sewer Replacement

The District is awaiting a start date from the contractor.

6) CHP #1 Replacement

Demolition of CHP #1 is ongoing. The CHP equipment is expected to ship mid-September.

7) 2020 Painting Services

G.P. Maintenance Services, Inc. has finished coating Secondary Clarifier 4.

8) 2020 Sewer Cleaning and Televising

The Board of Trustees approved the award of this work to Sewertech LLC of Schaumburg, Illinois at the August meeting. The District is awaiting a start date from Sewertech.