DOWNERS GROVE SANITARY DISTRICT GENERAL MANAGER'S REPORT July 17, 2020

July Board Meeting

Copies of the following items are enclosed for the July 21, 2020 meeting:

- 1) Proposed Agenda
- 2) Minutes of the June 16, 2020 regular meeting
- 3) Claim Ordinance 1891
- 4) Memo regarding FY20-21 Revenue
- 5) Sherman Street Sanitary Sewer Replacement Contract Award
- 6) Painting Contract Award
- 7) Memo regarding 2020 Open House

BOLI Meeting

There is a BOLI meeting scheduled for 6:00 pm on July 21, 2020. The meeting will be a virtual meeting. The packet for that meeting is included here. The link for the virtual meeting is provided on the agenda for that meeting.

Operations Reports

Copies of the following are enclosed for June 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 (55th and Victor, DG) vicinity to evaluate post-rehabilitation and I/I reduction performance. Data collected during recent storms shows that the local system appears to be operating satisfactorily.

Financial

A copy of the Investment Schedule as of June 30, 2020 is enclosed.

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

Meetings

I attended the following meetings since the June 12, 2020 General Manager's report:

- June 24 attended virtual DRSCW General Membership meeting. Larry also attended.
- July 7 and 9 attended Open House for Master Plan for Salt Creek at Fullersburg Woods
- July 9 attended Partnerships to Reduce the Impacts from COVID-19 on the Water Sector Webinar Part 1 hosted by NACWA
- July 11 attended IAWA Technical Committee Webinar. Clay also attended.

Miscellaneous

At the June 24 DRSCW General Membership meeting, the Executive Board announced that they had appointed me as a Member At Large to the Executive Board, filling the position vacated by Nick Menninga upon his retirement.

I took vacation on June 26 and July 2.

Copies of the following items are enclosed:

- 1) Fact Sheet on Master Plan for Salt Creek at Fullersburg Woods
- 2) General Manager's Reports to the Employees dated June 19, July 1 and July 17
- 3) Water Innovation Article "Utilizing the Potential of Wastewater: From Energy Consumer to Energy Producer"

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

DOWNERS GROVE SANITARY DISTRICT BOARD OF TRUSTEES MEETING JULY 21, 2020 – 7:00 PM

PROPOSED AGENDA

- I. APPROVAL OF MINUTES
 - A. REGULAR MEETING JUNE 16, 2020
- II. APPROVAL OF CLAIM ORDINANCE NO. 1891
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
 - A. FY20-21 REVENUE REVIEW
- V. NEW BUSINESS
 - A. SHERMAN ST SANITARY SEWER REPLACEMENT CONTRACT AWARD
 - **B. PAINTING CONTRACT AWARD**
 - C. OPEN HOUSE
- VI. EXECUTIVE SESSION

To discuss probable litigation per exception 2(c)11 of the Illinois Open Meetings Act.

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 July 21, 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: Jul 21, 2020 07:00 PM Central Time (US and Canada)

Topic: DGSD July BOT Meeting

LINK for Livestreamed Meeting via Zoom:

https://us02web.zoom.us/j/81320542232?pwd=MzFOeFdHbzNnZFBjdHBqMIE4RIA2dz09

Password: 166777

Or iPhone one-tap:

US: +13126266799,,81320542232#,,,,0#,,166777# or +13017158592,,81320542232#,,,,0#,,166777#

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 +1 346 248 7799 or +1 669 900 9128 or +1 253 215 8782

Webinar ID: 813 2054 2232

Password: 166777

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 July 21, 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, June 16, 2020, convening at 7:00 p.m. President Wallace D. Van Buren of the Downers Grove Sanitary District Board of Trustees had determined, in compliance with Senate Bill 2135 signed into law by Governor Pritzker on June 12, 2020, the following:

- 1) The Governor had issued a disaster declaration related to public health concerns and all or part of the District's jurisdiction was covered by the disaster area; and
- 2) That an in-person meeting for the regular meeting of the District's Board of Trustees scheduled to take place on Tuesday, June 16 at 7:00 p.m. was not practical or prudent because of a disaster.

The District complied with all other Open Meetings Act provisions referenced in Senate Bill 2135 in the holding of its regular Board of Trustees meeting on June 16, 2020 at 7:00 p.m. Therefore, in accordance with Senate Bill 2135, this Board meeting was conducted electronically through Zoom, a video conferencing app. The Public was able to virtually attend this meeting using any of the links or phone numbers provided on the posted agenda. Present were President Wallace D. Van Buren, Trustee Amy E. Sejnost, and Trustee Paul W. Coultrap, General Manager Amy. R. Underwood, Administrative Supervisor W. Clay Campbell, Staff Engineer Alex M. Bielawa, Information Coordinator Alyssa J. Caballero and Attorney Michael G. Philipp.

Minutes of Regular Meeting – May 19, 2020

A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the minutes of the regular meeting held on May 19, 2020 as presented and authorizing the President and Clerk to sign same. The motion carried.

Claim Ordinance No. 1890

A motion was made by Trustee Sejnost seconded by Trustee Coultrap adopting Claim Ordinance No. 1890 in the total amount of \$704,240.12 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Public Comment - None

Old Business

General Manager Underwood identified a budgeting error related to projected billable flow and the associated User Receipts revenues for Fiscal Year 20-21 and explained that it is expected to result in a revenue shortfall over the course of the fiscal year. General Manager Underwood also discussed the current uptick of delinquent customer accounts likely related to the current COVID-19 pandemic. Staff will be providing the board with additional details in the future as it monitors the current situation.

New Business:

Resolution of Appreciation for Employee Service

General Manager Underwood presented a Resolution of Appreciation for Theodore T. Cherwak for more than 41 years of dedicated service to the District. A motion was made by Trustee Coultrap seconded by Trustee Sejnost to pass the resolution. The motion carried.

Bank Account Signature Review

Administrative Supervisor Campbell presented a memo to review and change the current authorized signers on the District's Payroll Account in the anticipation of the upcoming retirement by Theodore T. Cherwak, Sewer Construction Supervisor for the District, on June 30, 2020. The District has not needed to utilize Theodore T. Cherwak as a backup authorized signer since 2009 when he was added and does not anticipate needing a third signer in the future as all employees are currently on direct deposit. A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving staff's actions to remove Theodore T. Cherwak from the District's Payroll Account. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

2020 Levy Ordinance

Administrative Supervisor Campbell presented the proposed Levy Ordinance for Fiscal Year 20-21 in the amount of \$1,321,300 for sanitary sewer repairs and replacements and repayments of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program. This levy will be reflected in real estate tax bills due in 2020. A motion was made by Trustee Sejnost seconded by Trustee Coultrap adopting the Levy Ordinance for Fiscal Year 2020-2021 in the amount of \$1,321,300 for sanitary sewer repairs and replacements and repayments of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program and authorizing the President and Clerk to sign same, adopting the Certificate of Levy and authorizing the Clerk to sign same, and authorizing Assistant Clerk Campbell to sign the Certificate of Inapplicability. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Investment in Certificate of Deposit – Royal Savings Bank

Administrative Supervisor Campbell reviewed staff's purchase on June 2, 2020 of a thirteen-month Certificate of Deposit with Royal Savings Bank in the amount of \$250,000 with an annual interest rate of 0.85 percent. The Certificate of Deposit is secured by the FDIC. A motion by Trustee Sejnost seconded by Trustee Coultrap was made ratifying the actions of staff on behalf of the District to open a Certificate of Deposit on June 2, 2020 in the amount of \$250,000 with Royal Savings Bank at an interest rate of 0.85 percent and a term of thirteen months. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

<u>Investment in Certificate of Deposit – BMO Harris Bank</u>

Administrative Supervisor Campbell reviewed staff's renewal on May 17, 2020 of a seven-month Certificate of Deposit with BMO Harris Bank in the amount of \$250,000 with an annual interest rate of 0.995 percent. The Certificate of Deposit is secured by the FDIC. A motion was made by Trustee Coultrap seconded by Trustee Sejnost ratifying the actions of staff on behalf of the District to open a Certificate of Deposit on May 17, 2020 in the amount of \$250,000 with BMO Harris Bank at an interest rate of 0.995 percent and a term of seven months. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Contract Award – Stanley Avenue Sanitary Sewer Rehabilitation

General Manager Underwood reviewed the bid opening on June 11 for the Stanley Avenue sanitary sewer rehabilitation project. This project consists of rehabilitating certain aging sewers along Stanley Avenue in Downers Grove. Six bids were received. She recommended that the District award the project to the lowest responsive, responsible bidder, Insituform Technologies USA LLC, of Chesterfield, Missouri, in the amount of \$102,812.00. A motion was made by Trustee Sejnost seconded by Trustee Coultrap awarding the contract for the Stanley Avenue sanitary sewer rehabilitation project to the lowest responsive, responsible bidder, Insituform Technologies USA LLC, of Chesterfield, Missouri, in the amount of \$102,812.00 and authorizing the General Manager and Assistant Clerk to execute the contract documents. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Other New Business

Trustee Van Buren thanked all District staff for their good work under difficult and unusual circumstances. He commented on the completion of the Westmont alley project. He also inquired about employee health insurance enrollment and the progress of the replacement of the Combined Heat and Power engine. He asked whether District staff had assisted Dawn Walker from MWRD with MWRD's questions on our CHP program.

Trustee Sejnost commended all District staff for their continued patience during the circumstances we have been enduring, both COVID and the incredible rain. She congratulated Ted Cherwak on his retirement after 41 years with the District. She also welcomed back Oscar Avila as the District's WWTC Summer Building & Grounds Worker. Trustee Sejnost thanked Safety Coordinator Jessie Gwozdz for creating the District's COVID 19 Preparedness Plan. She also thanked staff for their work cost effectively replacing the water feed line in the hypochlorite brine tank noted in Maintenance Supervisor Jeff Barta's monthly report. Lastly, she inquired about the ComEd Energy Efficiency Program for the Combined Heat and Power engine.

Trustee Coultrap congratulated Ted Cherwak on his retirement after 41 years with the District. He commended staff for their work on the annual newsletter. He also commented on the completion of the Westmont alley project. Trustee Coultrap thanked staff for completing the energy-efficient LED lighting upgrades in the system garage noted in Maintenance Supervisor Jeff Barta's monthly report. He inquired about the ComEd Energy Efficiency Program for the Combined Heat and Power engine. Lastly, he thanked Safety Coordinator Jessie Gwozdz for her creating the District's

| A motion was made by Trustee Sejnost sec meeting at 8:05 p.m. The motion carried. | conded by Truste | e Coultrap to | adjourn the re | egular |
|--|------------------|---------------|----------------|--------|
| Approved: July 21, 2020 | | | | |
| | President | | | |
| Attest: Clerk | | | | |

COVID 19 Preparedness Plan.

Downers Grove, Illinois

Date: July 21, 2020

Claim Ordinance No. 1891

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 \$1,051,764.31 being in words and figures as follows:

COST DESCRIPTION

G/L NUMBER

DATE 06/18/20 PERIOD END 06/13/20 PAGE 7

DEBIT

CREDIT

| G/L NUMBER | COST DESCRIPTION | DERII | CREDII |
|------------|--|----------|-----------|
| | | | |
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 53791.39- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 9133.49- |
| 01-00.2001 | STATE TAX WITHHELD SOCIAL SECURITY WITHHELD | | 3832.54- |
| | | | 6365.96- |
| 01-00.2003 | IMRF WITHHELD | | 3707.06- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 2214.31- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION VOLUNTARY GROUP LIFE | | 3087.28- |
| | | | 225.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 309.25- |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE | | 192.25- |
| | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 883.15- |
| | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 337.80- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 318.34- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 40.00- |
| | DC PLAN LOAN REPAYMENT WITHHELD | | 162.27- |
| 01-11.A003 | GENERAL MANAGEMENT | 897.26 | |
| 01-11.A004 | FINANCIAL RECORDS | 7398.94 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 825.76 | |
| 01-11.A007 | CODE ENFORCEMENT | 7260.80 | |
| 01-11.A008 | SAFETY ACTIVITIES | 868.76 | |
| 01-11.A090 | WORK FROM HOME REIMBURSEMENT ALLOWANCE | 350.00 | |
| 01-12.A006 | ENGINEERING | 739.48 | |
| | MAINTENANCE - WWTC | 9402.32 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 6964.12 | |
| 01-12.A021 | WWTC - OPERATIONS | 13553.60 | |
| 01-12.A022 | WWTC - SLUDGE HANDLING | 9728.46 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 243.65 | |
| 01-12.A030 | BUILDING AND GROUNDS | 4171.11 | |
| 01-13.A041 | LAB - WWTC | 5458.20 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 61.16 | |
| | ENGINEERING | 1373.32 | |
| 01-14.A051 | SEWER MAINTENANCE | 8828.47 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 245.94 | |
| 01-14.A061 | INSPECTION - NEW CONSTRUCTION | 110.46 | |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 1680.57 | |
| 01-14.A063 | | 441.84 | |
| | INSPECTION - MISCELLANEOUS | 691.32 | |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | 1212.51 | |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT | 1654.53 | |
| | WORK FROM HOME REIMBURSEMENT ALLOWANCE | 100.00 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 337.51 | |
| | | | |

84600.09 84600.09-

Payroll Ending Date: 06/13/20
Payroll Paid Date: 06/19/20
GL Date: 07/31/20

PERIOD END 06/15/20 PAGE 4 DATE 06/16/20

G/L NUMBER COST DESCRIPTION DEBIT CREDIT ______ 01-00.1001 CASH - PAYROLL ACCOUNT 01-00.2000 FEDERAL TAX WITHHELD 3736.94-01-00.2001 STATE TAX WITHHELD 1555.76-01-00.2002 SOCIAL SECURITY WITHHELD 2605.31-01-00.2003 IMRF WITHHELD 1532.54-01-00.2013 CREDIT UNION WITHHELD 800.00-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 839.91-01-00.2020 DEFERRED COMPENSATION WITHHELD - ICMARC 300.00-01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 284.19-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 378.95-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 198.03-01-00.2026 213.27-DEFERRED COMPENSATION WITHHELD - IPPFA 01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 77.06-7922.59 01-11.A003 GENERAL MANAGEMENT 01-11.A004 FINANCIAL RECORDS 929.84 01-11.A005 ADMINISTRATIVE RECORDS 181.31 01-11.A007 CODE ENFORCEMENT 11440.66 01-12.A009 OPERATIONS MANAGEMENT 4078.33 01-12.A011 MAINTENANCE - WWTC 4784.46 01-12.A021 WWTC - OPERATIONS 302.20 01-12.A022 WWTC - SLUDGE HANDLING 55.87 01-12.A023 WWTC - ENERGY RECOVERY 495.81 01-13.A009 OPERATIONS MANAGEMENT 4042.29 ENGINEERING 01-14.A006 449.85

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Payroll Ending Date: 06/15/20 Payroll Paid Date: GL Date:

06/17/20 07/31/20

GENERAL LEDGER RECA

COST DESCRIPTION

WORK FROM HOME REIMBURSEMENT ALLOWANCE

LIFT STATION MAINTENANCE

G/L NUMBER

01-14.A090

01-15.A080

DATE 07/01/20 PERIOD END 06/27/20 PAGE 7

DEBIT

CREDIT

______ 01-00.1001 CASH - PAYROLL ACCOUNT 01-00.2000 FEDERAL TAX WITHHELD 8908.90-01-00.2001 STATE TAX WITHHELD 3805.08-SOCIAL SECURITY WITHHELD 01-00.2002 6317.27-01-00.2003 IMRF WITHHELD 3657.36-01-00.2013 CREDIT UNION WITHHELD 2214.31-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 2997.23-01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 309.25-01-00.2022 FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE 192.25-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 883.15-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 337.80-01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 286.31-01-00.2027 DEFERRED COMPENSATION WITHHELD - IPPFA ROTH 40.00-01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 162.27-01-11.A003 GENERAL MANAGEMENT 982.80 01-11.A004 FINANCIAL RECORDS 6924.60 ADMINISTRATIVE RECORDS 01-11.A005 876.06 01-11.A007 CODE ENFORCEMENT 7271.81 01-11.A008 SAFETY ACTIVITIES 839.17 01-11.A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE 175.00 01-12.A006 ENGINEERING 1980.75 01-12.A011 MAINTENANCE - WWTC 8359.60 01-12.A014 MAINTENANCE - ELECTRICAL 6894.59 01-12.A021 WWTC - OPERATIONS 14378.92 01-12.A022 WWTC - SLUDGE HANDLING 9543.69 WWTC - ENERGY RECOVERY 01-12.A023 145.78 01-12.A030 BUILDING AND GROUNDS 4535.69 01-13.A041 LAB - WWTC 5324.36 01-13.A048 LAB - ENERGY RECOVERY 229.61 01-14.A006 ENGINEERING 132.05 01-14.A051 SEWER MAINTENANCE 8056.46 01-14.A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS 629.65 01-14.A061 INSPECTION - NEW CONSTRUCTION 126.24 01-14.A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS 2266.89 01-14.A063 INSPECTION - PERMIT INSPECTIONS 331.38 01-14.A064 INSPECTION - MISCELLANEOUS 1135.68 01-14.A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES 1567.32 01-14.A066 INSPECTION - CODE ENFORCEMENT 886.44

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50.00

318.76

Payroll Ending Date: 06/27/20

Payroll Paid Date: 07/03/20

DEBIT

38960.59

38960.59-

CREDIT

Payroll Ending Date: 06/30/20 Payroll Paid Date: 07/02/20 GL Date: 07/31/20

DATE 07/01/20 PERIOD END 06/30/20 PAGE 4

COST DESCRIPTION

G/L NUMBER

______ 01-00.1001 CASH - PAYROLL ACCOUNT 24572.03-01-00.2000 FEDERAL TAX WITHHELD 4693.49-01-00.2001 STATE TAX WITHHELD 1763.07-01-00.2002 SOCIAL SECURITY WITHHELD 2940.80-01-00.2003 IMRF WITHHELD 1729.88-01-00.2013 CREDIT UNION WITHHELD 800.00-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 844.66-01-00.2017 VOLUNTARY GROUP LIFE 64.00-01-00.2020 DEFERRED COMPENSATION WITHHELD - ICMARC 300.00-01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 173.59-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 378.95-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 409.92-01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 213.14-77.06-01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 01-11.A003 GENERAL MANAGEMENT 9347.07 01-11.A004 FINANCIAL RECORDS 364.54 ADMINISTRATIVE RECORDS 01-11.A005 182.27 01-11.A007 CODE ENFORCEMENT 15617.96 01-11.A008 SAFETY ACTIVITIES 151.81 01-12.A009 OPERATIONS MANAGEMENT 4285.00 01-12.A011 MAINTENANCE - WWTC 4250.09 01-12.A014 MAINTENANCE - ELECTRICAL 320.73 01-12.A021 WWTC - OPERATIONS 114.99 01-12.A030 BUILDING AND GROUNDS 213.64 01-13.A009 OPERATIONS MANAGEMENT 2842.71 01-13.A041 LAB - WWTC 444.01 01-13.A042 LAB - PRETREATMENT 755.57 01-14.A006 ENGINEERING 70.20

Payroll Ending Date: 07/11/20 PERIOD END 07/11/20 PAGE 7 DATE 07/16/20 Payroll Paid Date: 07/17/20 GL Date: G/L NUMBER COST DESCRIPTION DEBIT CREDIT ______ 01-00.1001 CASH - PAYROLL ACCOUNT 51584.10-01-00.2000 FEDERAL TAX WITHHELD 8888.19-01-00.2001 STATE TAX WITHHELD 3698.23-SOCIAL SECURITY WITHHELD 01-00.2002 6152.86-01-00.2003 IMRF WITHHELD 3598.29-01-00.2013 CREDIT UNION WITHHELD 2214.31-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 3116.17-01-00.2017 VOLUNTARY GROUP LIFE 224.00-01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 309.65-01-00.2022 FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE 192.31-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 882.02-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 396.60-01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 354.51-01-00.2027 DEFERRED COMPENSATION WITHHELD - IPPEA ROTH 40.00-DC PLAN LOAN REPAYMENT WITHHELD 162.27-GENERAL MANAGEMENT 595.78

01-00.2028 01-11.A003 FINANCIAL RECORDS 6907.19 01-11.A004 01-11.A005 ADMINISTRATIVE RECORDS 828.28 01-11.A007 CODE ENFORCEMENT 5154.38 01-11.A008 SAFETY ACTIVITIES 900.48 01-11.A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE 175.00 01-12.A006 ENGINEERING 2211.85 01-12.A011 MAINTENANCE - WWTC 7984.91 01-12.A013 MAINTENANCE - ENERGY RECOVERY 761.25 01-12.A014 MAINTENANCE - ELECTRICAL 6873.55 WWTC - OPERATIONS 01-12.A021 14160.78 01-12.A022 WWTC - SLUDGE HANDLING 10399.84 WWTC - ENERGY RECOVERY 01-12.A023 129.81 01-12.A030 BUILDING AND GROUNDS 3438.89 01-13.A041 LAB - WWTC 6074.96 01-14.A051 SEWER MAINTENANCE 6359.60 01-14.A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS 559.76 01-14.A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS 1238.73 01-14.A063 INSPECTION - PERMIT INSPECTIONS 646.98 01-14.A064 INSPECTION - MISCELLANEOUS 534 00 01-14.A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES 4624.86 01-14.A066 INSPECTION - CODE ENFORCEMENT 810.12 01-14.A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE 50.00

LIFT STATION MAINTENANCE

01-15.A080

81813.51 81813.51-

392.51

07/31/20

DATE 07/16/20 PERIOD END 07/15/20 PAGE 4

G/L NUMBER COST DESCRIPTION DEBIT CREDIT ______ 01-00.1001 CASH - PAYROLL ACCOUNT 01-00.2000 FEDERAL TAX WITHHELD 3150.06-01-00.2001 STATE TAX WITHHELD 1424.53-01-00.2002 SOCIAL SECURITY WITHHELD 2368.96-01-00.2003 IMRF WITHHELD 1393.48-842.09-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 173.59-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 467.01-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 127.40-01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 213.33-01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 77.06-8429.31 01-11.A003 GENERAL MANAGEMENT 01-11.A004 FINANCIAL RECORDS 707.42 177.44 01-11.A005 ADMINISTRATIVE RECORDS 01-11.A007 CODE ENFORCEMENT 8311.22 01-11.A008 SAFETY ACTIVITIES 62.37 01-12.A009 OPERATIONS MANAGEMENT 4046.70 01-12.A011 MAINTENANCE - WWTC 4458.22 01-12.A014 MAINTENANCE - ELECTRICAL 190.45 01-12.A021 WWTC - OPERATIONS 443.72 01-12.A022 WWTC - SLUDGE HANDLING 103.87 01-12.A023 WWTC - ENERGY RECOVERY 44.23 01-12.A030 BUILDING AND GROUNDS 135.80 01-13.A009 OPERATIONS MANAGEMENT 4076.67 01-13.A043 LAB - SURCHARGE PROGRAM 34.38 275.78 01-14.A006 ENGINEERING 01-14.A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS 68.77

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Payroll Ending Date: 07/15/20

Payroll Paid Date: 07/17/20

07/31/20

GL Date:

| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
|------------------------------|---------|----------|--------------|------------|---------------------------|----------|-----------|----------|
| A-FORMULA MECHANICAL CORP | A000065 | 06/02/20 | 41833 | 01-12.B812 | Lab Air Make Up Sys Repr | 857.50 | | |
| | | 06/02/20 | 41836 | 01-12.B812 | Lab East Geotherm Repair | 1361.28 | | |
| | | 06/08/20 | 41850 | 01-12.B805 | Air Handler Repair | 157.50 | | |
| | | 06/08/20 | 41850 | 01-12.B812 | Air Handler Repair | 157.50 | | |
| | | 06/25/20 | 41862 | 01-12.B812 | West Lab Geothermal Repr | 135.00 | 2668.78 | 062470 |
| AT & T MOBILITY | A000085 | 07/03/20 | 831873915 | 01-15.B112 | LS Cell Dialer | 54.85 | 54.85 | 062471 |
| ACE HARDWARE | A000095 | 06/13/20 | 332903/3 | 01-12.B501 | Skid Steer Bolts | 10.98 | 10.98 | 062472 |
| ADVOCATE OCCUPATIONAL HEALTH | A000150 | 06/30/20 | 770285 | 01-12.B117 | Drug Screening | 62.00 | 62.00 | 062473 |
| ADVANCED DISPOSAL | A000153 | 06/30/20 | T80002392195 | 01-12.B102 | Garbage & Recycling | 305.75 | 305.75 | 062474 |
| ALLIED WASTE SERVICE | A000255 | 06/15/20 | 55101470134 | 01-12.B102 | Grit Screen Dumpster Rent | 72.58 | | |
| | | 06/30/20 | 551014891726 | 01-12.B102 | Grit Screen Dumpster | 759.55 | 832.13 | 062475 |
| ALTORFER INDUSTRIES, INC. | A000292 | 07/07/20 | P50C1128524 | 01-12.B501 | Skid Steer Parts | 38.37 | | |
| | | 07/08/20 | P50C1128675 | 01-12.B501 | Skid Steer Parts | 40.27 | 78.64 | 102346 |
| SYNCHB/AMAZON | A000295 | 06/22/20 | 485388677775 | 01-14.B117 | DC Boots | 247.90 | | |
| | | 07/08/20 | 585433348677 | 01-12.B116 | Spray Bottles | 68.97 | | |
| | | 06/08/20 | 656857436645 | 01-12.B116 | Ops Supplies | 49.98 | | |
| | | 06/19/20 | 669986435833 | 01-12.B116 | Spray Bottles | 29.84 | | |
| | | 06/09/20 | 745347594696 | 01-11.B115 | Admin Web Cam | 104.53 | | |
| | | 07/06/20 | 774449558963 | 01-14.B113 | Face Masks | 200.00 | | |
| | | 06/12/20 | 774549475445 | 01-12.B113 | Spray Bottles | 59.91 | | |
| | | 06/07/20 | 838588766645 | 01-12.B116 | Ops Supplies | 111.16 | | |
| | | 06/18/20 | 855953795643 | 01-12.B116 | Spray Bottles | 67.96 | | |
| | | 06/30/20 | 884983539663 | 01-14.B117 | DC Boots | 159.95 | | |
| | | 06/30/20 | 943574657455 | 01-14.B117 | DC Boot return | 164.95- | | |
| | | 07/10/20 | 954998673737 | 01-11.B113 | No Touch Thermometer | 49.99 | | |
| | | 07/10/20 | 954998673737 | 01-12.B113 | No Touch Thermometer | 49.99 | 1035.23 | 062476 |
| AUTOZONE - AZ COMMERCIAL | A000600 | 07/02/20 | 2576601350 | 01-12.C225 | Ops Truck Parts | 128.19 | | |
| | | 07/02/20 | 2576601423 | 01-12.C225 | Ops Truck Part Credit | 18.00- | 110.19 | 062477 |
| BAXTER & WOODMAN, INC. | в000120 | 06/19/20 | 0214283 | 01-14.B902 | Outfall Sewer Sag Repair | 10824.01 | | |
| | | 06/19/20 | 0214308 | 01-12.B508 | WWTC WAS Thickener | 1191.51 | | |
| | | 06/19/20 | 0214418 | 01-14.B903 | Stanley Ave Sewer Rehab | 1607.50 | | |
| | | 06/19/20 | 0214419 | 01-14.B902 | Sherman Ave Sewer Replace | 2718.75 | 16341.77 | 102347 |
| CALLONE | C000073 | 07/15/20 | 1214468 | 01-11.B112 | Admin Phone Usage | 594.15 | | |
| | | 07/15/20 | 1214468 | 01-12.B112 | WWTC Phone Usage | 369.36 | 963.51 | 102348 |
| CASSIDY TIRE & SERVICE | C000090 | 07/10/20 | 912002211 | 01-12.B512 | Golf Cart Tire Replace | 313.52 | 313.52 | 062478 |
| CHICAGO METROPOLITAN FIRE | C000240 | 07/11/20 | IN00337171 | 01-12.B113 | Radio Use/Maint | 60.00 | 60.00 | 062479 |
| CINTAS #344 | C000300 | 06/19/20 | 4053693909 | 01-12.B117 | WWTC Uniform Rental | 61.97 | | |
| | | 06/19/20 | 4053693909 | 01-14.B117 | SS Uniform Rental | 13.56 | | |
| | | 06/26/20 | 4054384547 | 01-12.B117 | WWTC Uniform Rental | 61.97 | | |
| | | 06/26/20 | 4054384547 | 01-14.B117 | SS Uniform Rental | 32.29 | | |
| | | 07/02/20 | 4054916928 | 01-12.B117 | WWTC Uniform Rental | 61.97 | | |
| | | 07/02/20 | 4054916928 | 01-14.B117 | SS Uniform Rental | 13.56 | | |
| | | 07/10/20 | 4055583324 | 01-12.B117 | WWTC Uniform Rentals | 61.97 | | |
| | | 07/10/20 | 4055583324 | 01-14.B117 | SS Uniform Rentals | 13.56 | | |
| | | 07/17/20 | 4056215395 | 01-12.B117 | WWTC Uniform Rentals | 61.97 | | |
| | | 07/17/20 | 4056215395 | 01-14.B117 | SS Uniform Rentals | 13.56 | 396.38 | 062480 |

| ===== VENDOR ===== | | | | | | | | |
|-----------------------------|---------|----------|--------------|------------|-------------------------|---------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| CINTAS FIRST AID & SAFETY | C000320 | 07/09/20 | 5019641740 | 01-12.B113 | WWTC First Aid Supplies | 234.61 | 234.61 | 062481 |
| COLLEY ELEVATOR CO. | C000370 | 06/30/20 | 199637 | 01-12.B805 | 2 Elevator Repairs | 194.00 | 194.00 | 102349 |
| COMCAST | C000373 | 07/03/20 | 201200550568 | 01-11.B112 | Internet Service | 293.40 | 293.40 | 062482 |
| COMED | C000380 | 06/12/20 | 0055025057 | 01-15.B100 | College LS Elec | 430.91 | | |
| | | 06/12/20 | 0068029014 | 01-15.B100 | Centes LS Elec | 106.72 | | |
| | | 06/12/20 | 0120089072 | 01-15.B100 | Wroble LS Elec | 535.95 | | |
| | | 06/12/20 | 0458029046 | 01-15.B100 | Liberty Park LS Elec | 538.72 | | |
| | | 06/19/20 | 0562080004 | 01-15.B100 | Venard LS Elec | 308.08 | | |
| | | 06/12/20 | 1095091170 | 01-15.B100 | Northwest LS Elec | 1454.71 | | |
| | | 06/12/20 | 1810068039 | 01-15.B100 | Earlston LS Elec | 357.76 | | |
| | | 06/12/20 | 3240038012 | 01-15.B100 | Butterfield LS Elec | 136.09 | | |
| | | 06/12/20 | 4657083017 | 01-15.B100 | Hobson LS Elec | 2325.44 | | |
| | | 06/23/20 | 6770572011 | 01-00.2005 | BSSRAP Contr Yard Elec | 58.19 | | |
| | | 06/23/20 | 6770572011 | 01-12.B100 | Walnut House Elec | 79.02 | | |
| | | 06/23/20 | 8762083052 | 01-12.B100 | Big Top Elec | 46.03 | 6377.62 | 062483 |
| COMPASS MINERALS | C000399 | 06/06/20 | 642793 | 01-12.B401 | Coarse Solar Salt | 4447.46 | | |
| | | 07/06/20 | 655346 | 01-12.B401 | Coarse Solar Salt | 4543.91 | 8991.37 | 062484 |
| CONCENTRIC INTEGRATION, LLC | C000410 | 06/19/20 | 0214389 | 01-11.B115 | Support Services Admin | 4063.13 | | |
| | | 06/19/20 | 0214389 | 01-12.B513 | Support Services WWTC | 8249.37 | | |
| | | 06/19/20 | 0214390 | 01-11.B115 | Admin Services | 4125.40 | | |
| | | 06/19/20 | 0214390 | 01-12.B513 | WWTC Services | 437.00 | 16874.90 | 102350 |
| CORE & MAIN LP | C000485 | 07/02/20 | M597232 | 01-14.B913 | BSSRAP Supplies | 191.74 | | |
| | | 07/01/20 | м597249 | 01-14.B913 | BSSRAP Supplies | 328.00 | 519.74 | 062485 |
| COVERALL NORTH AMERICA, INC | C000557 | 07/01/20 | 1010662108 | 01-12.B812 | WWTC Cleaning Service | 304.00 | | |
| | | 07/01/20 | 1010662108 | 01-13.B116 | Lab Cleaning Service | 157.00 | | |
| | | 07/01/20 | 1010662110 | 01-11.B118 | Admin Cleaning Service | 429.00 | 890.00 | 102351 |
| CURTIS MARTIN GROUP, INC. | C000660 | 06/29/20 | 7652 | 01-11.B115 | ACH Check Numbering Fix | 180.00 | | |
| | | 07/14/20 | 7661 | 01-11.B115 | Remote Login Issue | 60.00 | 240.00 | 102352 |
| DELTA SONIC | D000220 | 05/29/20 | 10084554 | 01-14.C225 | SS Vehicle Washes | 16.66 | 16.66 | 062486 |
| DIRECT ENERGY BUSINESS | D000227 | 06/16/20 | 168322 | 01-15.B100 | Centex LS Elec | 73.00 | | |
| | | 06/16/20 | 1685321 | 01-15.B100 | College LS Elec | 322.38 | | |
| | | 06/17/20 | 1685323 | 01-15.B100 | Wroble LS Elec | 561.81 | | |
| | | 06/16/20 | 1685324 | 01-15.B100 | Liberty Park LS Elec | 261.99 | | |
| | | 06/23/20 | 1685325 | 01-15.B100 | Venard LS Elec | 316.44 | | |
| | | 06/16/20 | 1685326 | 01-15.B100 | Northwest LS Elec | 1018.15 | | |
| | | 06/11/20 | 1685327 | 01-11.B100 | Admin Elec | 97.69 | | |
| | | 06/11/20 | 1685327 | 01-12.B100 | WWTC Elec | 4023.46 | | |
| | | 06/16/20 | 1685328 | 01-15.B100 | Earlston LS Elec | 202.14 | | |
| | | 06/16/20 | 1685329 | 01-15.B100 | Butterfield LS Elec | 125.55 | | |
| | | 06/16/20 | 1685330 | 01-15.B100 | Hobson LS Elec | 1677.20 | 8679.81 | 062487 |
| TILLAGE OF DOWNERS GROVE | D000480 | 06/16/20 | | 01-11.B121 | Meter Readings | 419.36 | | |
| | | 07/07/20 | | | Admin Vehicle Fuel | 72.38 | | |
| | | 07/07/20 | | | Gas Can Fuel | 70.22 | | |
| | | 07/07/20 | | | WWTC Vehicle Fuel | 1456.43 | | |
| | | 07/07/20 | | | SS Vehicle Fuel | 734.69 | | |
| | | | | | | | | |

| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
|-------------------------|---------|----------|---------------------|------------|---------------------------|---------|-----------|----------|
| | | 07/16/20 | 161483 | 01-11.B121 | Meter Readings | 419.36 | | |
| | | 06/29/20 | C2027270001 | 01-12.B102 | WWTC Water Usage | 1528.14 | | |
| | | 06/29/20 | C2027271001 | 01-11.B102 | Admin Water Usage | 183.59 | 4900.99 | 062488 |
| EJ EQUIPMENT, INC. | E000030 | 06/29/20 | P23854 | 01-14.B115 | Replace Vlv Easement Reel | 167.67 | 167.67 | 062489 |
| EYE MED VISION CARE | E000600 | 07/01/20 | 164389411 | 01-17.E455 | Vision Insurance | 446.87 | 446.87 | 062490 |
| FASTENAL COMPANY | F000060 | 06/30/20 | ILWES77768 | 01-12.B506 | Primary 1 Parts | 55.00 | | |
| | | 07/09/20 | ILWES77939 | 01-12.B506 | Prim 1 Sldg Vlv Replc Prt | 26.10 | | |
| | | 07/15/20 | ILWES78068 | 01-12.B504 | Grit Pump Parts | 90.73 | 171.83 | 102353 |
| FEDEX KINKO'S | F000075 | 06/19/20 | 261300021815 | 01-13.B116 | Lab Supplies | 10.38 | 10.38 | 062491 |
| FIRST ADVANTAGE | F000130 | 06/30/20 | 2501802006 | 01-12.B117 | Drug Screening | 34.03 | 34.03 | 102354 |
| FIRST ENVIRONMENTAL LAB | F000140 | 06/24/20 | 155233 | 01-13.B123 | Spring Industrial Samples | 331.20 | | |
| | | 06/29/20 | 155328 | 01-13.B123 | Spring Industrial Samples | 374.40 | 705.60 | 102355 |
| FOSTERS TRUCK REPAIR | F000270 | 07/07/20 | 772020 | 01-12.C225 | WWTC Vehicles Safety Lane | 101.00 | | |
| | | 07/07/20 | 772020 | 01-14.C225 | SS Vehicles Safety Lane | 101.00 | 202.00 | 062492 |
| ANDREW M. FUHRMANN | F000422 | 07/21/20 | Reimburse | 01-14.B128 | Overhead Sewer Reimburse | 3182.00 | 3182.00 | 062519 |
| GEORGE'S LANDSCAPING | G000260 | 06/30/20 | Mowing | 01-11.B118 | Admin Center Mowing | 395.48 | | |
| | | 06/30/20 | Mowing | 01-12.B812 | WWTC Mowing | 2524.34 | | |
| | | 06/30/20 | Mowing | 01-15.B820 | Butterfield LS Mowing | 126.20 | | |
| | | 06/30/20 | Mowing | 01-15.B821 | Centex LS Mowing | 126.20 | | |
| | | 06/30/20 | Mowing | 01-15.B823 | Earlston LS Mowing | 126.20 | | |
| | | 06/30/20 | Mowing | 01-15.B824 | Hobson LS Mowing | 126.20 | | |
| | | 06/30/20 | Mowing | 01-15.B825 | Liberty Park LS Mowing | 126.20 | | |
| | | 06/30/20 | Mowing | 01-15.B826 | Northwest LS Mowing | 126.20 | | |
| | | 06/30/20 | Mowing | 01-15.B827 | Venards LS Mowing | 126.20 | | |
| | | 06/30/20 | Mowing | 01-15.B828 | Wroble LS Mowing | 126.20 | 3929.42 | 102356 |
| REVERE ELECTRIC | G000410 | 06/23/20 | S4170146.001 | 01-12.B501 | Compost Pilot Supplies | 103.53 | | |
| | | 06/23/20 | S4170146.003 | 01-12.B501 | Compost Pilot Supplies | 46.26 | | |
| | | 06/24/20 | S4170146.004 | 01-12.B501 | Compost Pilot Supplies | 315.09 | | |
| | | 06/24/20 | S4170146.005 | 01-12.B501 | Compost Pilot Supplies | 270.48 | | |
| | | 06/24/20 | S4170146.006 | 01-12.B501 | Compost Pilot Supplies | 44.41 | | |
| | | 06/24/20 | S4171815.001 | 01-12.B501 | Compost Pilot Supplies | 9.63 | | |
| | | 06/26/20 | S4174374.001 | | Compost Pilot Supplies | 46.21 | | |
| | | 07/07/20 | S4180467.001 | 01-12.B506 | Prim Clar 3-6 Control Pan | 10.32 | | |
| | | | S4180467.003 | | Dig 4&5 Junction Box | 18.06 | | |
| | | | S4185696.001 | | Electrical Stock Supplies | 25.39 | 889.38 | 062493 |
| GOVERNMENT FINANCE | G000420 | | Membership | | Membership Dues WCC | 160.00 | 160.00 | 062494 |
| W. W. GRAINGER, INC. | G000520 | | 9554625849 | 01-12.B510 | | 19.94 | | |
| · | | | 9556391390 | 01-12.B810 | | 78.98 | | |
| | | 06/10/20 | 9556452044 | 01-12.B810 | | 6.44 | | |
| | | | 9556452051 | 01-00.2005 | | 22.68 | | |
| | | | 9557462620 | 01-12.B512 | | 117.18 | | |
| | | | 9557742609 | 01-12.B812 | | 132.04 | | |
| | | | 9559278776 | 01-12.B810 | | 19.29 | | |
| | | | 9562879990 | 01-12.B512 | | 10.01 | | |
| | | | 9563011064 | 01-12.B810 | | 21.94 | | |
| | | 00,10,20 | > > 0 > 0 T T O O T | 01 12.0010 | DOC DIRECT | 21.71 | | |



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| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK N |
| | | 06/17/20 | 9563875740 | 01-12.B113 | See Sheet | 19.76 | | |
| | | 06/18/20 | 9565771335 | 01-12.B510 | See Sheet | 23.55 | | |
| | | 06/19/20 | 9566829777 | 01-12.B502 | See Sheet | 30.96 | | |
| | | 06/19/20 | 9567201943 | 01-13.B114 | See Sheet | 77.79 | | |
| | | 06/19/20 | 9567201943 | 01-13.B116 | See Sheet | 690.76 | | |
| | | 06/23/20 | 9568497995 | 01-12.B512 | See Sheet | 95.10 | | |
| | | 06/24/20 | 9570364290 | 01-11.B116 | See Sheet | 70.41 | | |
| | | 06/24/20 | 9570913864 | 01-13.B114 | See Sheet | 71.40 | | |
| | | 06/25/20 | 9571732255 | 01-12.B116 | See Sheet | 181.76 | | |
| | | 06/25/20 | 9572264860 | 01-12.B512 | See Sheet | 162.97 | | |
| | | 06/26/20 | 9573658599 | 01-12.B501 | See Sheet | 16.74 | | |
| | | 06/29/20 | 9573968071 | 01-12.B507 | See Sheet | 76.62 | | |
| | | 06/29/20 | 9573968089 | 01-12.B810 | See Sheet | 343.18 | | |
| | | 06/30/20 | 9575179826 | 01-12.B512 | See Sheet | 13.37 | | |
| | | 06/30/20 | 9575334926 | 01-12.B812 | See Sheet | 66.02- | | |
| | | 06/30/20 | 9575334934 | 01-12.B812 | See Sheet | 66.02- | | |
| | | 06/30/20 | 9576514179 | 01-11.B118 | See Sheet | 16.56 | | |
| | | 07/01/20 | 9577696165 | 01-12.B116 | See Sheet | 132.03 | | |
| | | 07/06/20 | 9579570707 | 01-12.B512 | See Sheet | 23.10 | | |
| | | 07/06/20 | 9580208792 | 01-12.B506 | See Sheet | 117.04 | | |
| | | 07/06/20 | 9580434596 | 01-12.B512 | See Sheet | 25.16 | | |
| | | 07/13/20 | 95847973877 | 01-12.B812 | See Sheet | 131.82 | | |
| | | 07/14/20 | 9589045880 | 01-11.B118 | See Sheet | 42.30 | | |
| | | 07/15/20 | 9591181426 | 01-13.B116 | See Sheet | 26.48 | 2808.44 | 10235 |
| ESSICA GWOZDZ | G000630 | 07/14/20 | Reimburse | 01-11.B113 | Safety Supplies | 24.38 | 24.38 | 10235 |
| ML, INC. | Н000035 | 05/12/20 | 76840 | 01-13.B123 | Salmonella Testing | 480.00 | | |
| | | 06/17/20 | 77562 | 01-13.B123 | Salmonella Testing | 1480.00 | 1960.00 | 06249 |
| ACH COMPANY | H000040 | 06/22/20 | 12009356 | 01-13.B114 | Lab Chemicals | 604.95 | | |
| | | 06/29/20 | 12016151 | 01-13.B116 | Lab Supplies | 244.92 | 849.87 | 10235 |
| ARBOR FREIGHT TOOLS | н000060 | 06/19/20 | 921481 | 01-12.B512 | MSB Supplies | 22.98 | 22.98 | 06249 |
| LAN HARTIGAN | Н000144 | 06/26/20 | Reimburse | 01-14.B117 | Outerwear | 97.84 | 97.84 | 10236 |
| OME DEPOT | н000400 | 07/16/20 | 0014526 | 01-12.B116 | See Sheet | 137.78 | | |
| | | 06/26/20 | | 01-12.B812 | See Sheet | 90.40 | | |
| | | 06/16/20 | 0042412 | 01-12.B116 | See Sheet | 141.04 | | |
| | | 07/15/20 | | 01-14.B116 | | 14.97 | | |
| | | 06/24/20 | | 01-12.B501 | | 132.31 | | |
| | | 07/14/20 | | 01-12.B510 | | 7.08 | | |
| | | 06/23/20 | | 01-11.B118 | | 110.88 | | |
| | | 06/11/20 | | 01-12.B116 | | 19.34 | | |
| | | 07/10/20 | | 01-11.B116 | | 23.68 | | |
| | | 06/10/20 | | 01-12.B812 | | 62.48 | | |
| | | 06/30/20 | | 01-12.B501 | | 27.83 | | |
| | | 06/29/20 | | 01-12.B812 | | 121.02 | | |
| | | 06/29/20 | | 01-12.B501 | | 29.85 | | |
| | | 07/08/20 | 8022027 | 01-12.B116 | See Sheet | 115.12 | | |

| NTA ME | MILIMPER | Damo | NUMBER | C/I NUMBER | EVDENCE DECORPORA | EADEMOR | CITECTS AND | CITECU NO |
|-------------------------------|----------|------------|--------------|------------|---------------------------|---------|-------------|-----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| | | 07/07/20 | 9021826 | 01-14.B116 | See Sheet | 15.97 | | |
| | | 06/17/20 | 9031747 | 01-12.B812 | See Sheet | 133.96 | | |
| | | 06/17/20 | 9191924 | 01-12.B812 | See Sheet | 98.22 | 1347.77 | 062497 |
| ITR SYSTEMS | 1000060 | 06/24/20 | 100799 | 01-12.B812 | Digital Keypad | 783.32 | 783.32 | 062498 |
| ILLINOIS STATE BAR ASSOC. | I000385 | 07/06/20 | 203233 | 01-11.B117 | Membership Dues WCC | 410.00 | 410.00 | 062499 |
| IMPACT NETWORKING INC. | 1000400 | 07/10/20 | 1838047 | 01-11.B115 | Copies | 58.55 | 58.55 | 102361 |
| INFOSEND, INC. | 1000415 | 06/30/20 | 174127 | 01-11.B121 | Customer Bill Mailings | 3729.76 | 3729.76 | 102362 |
| ISTHA | 1000470 | 06/30/20 | G12500005378 | 01-11.C225 | Admin Tolls | 16.50 | | |
| | | 06/30/20 | G12500005378 | 01-12.C225 | WWTC Tolls | 209.00 | | |
| | | 06/30/20 | G12500005378 | 01-13.C225 | Lab Tolls | 2.20 | 227.70 | 062520 |
| JULIE, INC. | J000250 | 06/30/20 | DGSD0A | 01-14.B127 | JULIE Service | 4185.36 | 4185.36 | 062500 |
| JUST TIRES | J000300 | 06/18/20 | 202181 | 01-14.C225 | Tire Repair | 509.92 | 509.92 | 062501 |
| KANSAS CITY LIFE INSURANCE CO | K000045 | 06/30/20 | 14887 | 01-17.E455 | Life Insurance | 391.00 | 391.00 | 102363 |
| KIPP'S LAWNMOWER SALES | K000180 | 07/02/20 | 488940 | 01-12.B812 | Prss Wash & Chain Saw Sup | 45.11 | | |
| | | 07/07/20 | 489056 | 01-12.B812 | New Leaf Blower | 275.05 | 320.16 | 062502 |
| LAI, LTD | L000012 | 06/26/20 | 20-17499 | 01-12.B510 | Dig 4&5 Parts | 653.00 | | |
| | | 07/16/20 | 20-17545 | 01-12.B506 | Prim Slg Valve 1&2 Part | 1306.00 | 1959.00 | 102364 |
| LIFELINK EMS | L000240 | 07/17/20 | AED Service | 01-11.B113 | AED Supplies & Service | 6300.00 | 6300.00 | 102393 |
| LOU'S GLOVES | L000300 | 07/01/20 | 036538 | 01-12.B113 | Gloves | 293.30 | 293.30 | 102365 |
| MARC MAJEWSKI | M000110 | 06/09/20 | 18565 | 01-12.B509 | Sand Delivery | 803.60 | | |
| | | 06/16/20 | 18568 | 01-12.B509 | Sand Delivery | 996.50 | | |
| | | 07/17/20 | Reimburse | 01-12.B113 | Safety Class Joe M | 150.00 | 1950.10 | 102366 |
| MCCANN INDUSTRIES, INC. | M000340 | 06/12/20 | P26727 | 01-12.B812 | RAS Tunnel Concrete Repr | 227.38 | | |
| | | 06/12/20 | P26745 | 01-12.B812 | RAS Tunnel Concrete Repr | 163.49 | | |
| | | 06/17/20 | P27072 | 01-12.B810 | RAS Tunnel Concrete Repr | 164.52 | | |
| | | 06/19/20 | P27272 | 01-12.B812 | Tunnel Concrete Repair | 420.16 | | |
| | | 06/24/20 | P27581 | 01-12.B812 | RAS Sys Tunnel Concrete | 181.99 | 1157.54 | 062503 |
| MCMASTER-CARR SUPPLY COMPANY | м000360 | 06/23/20 | 41445049 | 01-11.B116 | Admin Supplies | 141.45 | | |
| | | 06/23/20 | 41445049 | 01-12.B116 | WWTC Supplies | 141.45 | | |
| | | 07/10/20 | 42250667 | 01-12.B113 | Foam Pipe Insulation | 20.55 | 303.45 | 102367 |
| METROPOLITAN INDUSTRIES, INC. | м000500 | 06/24/20 | INV018163 | 01-12.B510 | Pump Motor - Flood Repair | 1120.28 | 1120.28 | 102368 |
| MICROBIOLOGICS | M000525 | 06/22/20 | 873906 | 01-13.B114 | Lab Chemicals | 528.19 | 528.19 | 102369 |
| MIDAMERICA ADMINISTRATIVE | м000556 | 05/14/20 | MAR000013788 | 01-17.E455 | Admin Fees | 168.00 | 168.00 | 102370 |
| MOTION INDUSTRIES, INC. | м000750 | | IL10-688326 | | Exc Tank Cross Coll Gears | 51.24 | | |
| | | | IL10-689461 | | Exc Flow Cros Col Repair | | 1939.86 | 102371 |
| NCPERS GROUP LIFE INSURANCE | N000010 | | 3266072020 | 01-00.2017 | Vol Life Insurance | 288.00 | 288.00 | 102372 |
| NADLER GOLF CARS, INC | N000020 | 06/17/20 | | | Club Cart Parts | 1086.16 | 1086.16 | 062504 |
| NATIONAL SEED | N000145 | 06/09/20 | 596390SI | | WWTC Grounds | 213.50 | 213.50 | 102373 |
| NEUCO, INC. | N000260 | 06/11/20 | | | Dig 4&5 Flood Damage | 929.28 | | |
| · | | 07/01/20 | | | CHP Heat Recovery Part | 783.70 | 1712.98 | 102374 |
| NICOR GAS | N000330 | 06/16/20 | | | Walnut House Gas | 38.81 | | |
| | | 06/16/20 | | | Admin Center Gas | 49.14 | | |
| | | 06/16/20 | | 01-12.B102 | | 150.73 | | |
| | | 06/17/20 | | | Chem Feed Gas | 45.78 | | |
| | | 06/16/20 | | | Plant 2 Gas | 48.59 | 333.05 | 062505 |
| | | 00, 20, 20 | / | J | | | 222.02 | 002000 |

| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK N |
|-----------------------------|---------|----------|--------------|------------|---------------------------|-----------|-----------|---------|
| VILLAGE OF OAK BROOK | 0000050 | 06/25/20 | 21333 | 01-11.B121 | Meter Readings | 381.34 | 381.34 | 062506 |
| ACI PAYMENTS INC. | 0000300 | 06/19/20 | 1000026491 | 01-11.B110 | OLR Fees | 31.30 | 31.30 | 102376 |
| PACE ANALYTICAL | P000010 | 06/17/20 | 2040085040 | 01-13.B123 | June NPDES Testing | 115.00 | 115.00 | 102377 |
| PACKEY WEBB FORD | P000020 | 06/23/20 | C67291 | 01-14.C225 | Transit Van Repairs | 724.21 | 724.21 | 102378 |
| PETTY CASH | P000350 | 07/17/20 | Cash Box | 01-11.B116 | Admin Supplies | 8.16 | | |
| | | 07/17/20 | Cash Box | 01-11.B119 | Postage Due | 73.78 | | |
| | | 07/17/20 | Cash Box | 01-12.B116 | WWTC Supplies | 56.25 | | |
| | | 07/17/20 | Cash Box | 01-14.B115 | Vac-Con Water Tank Repair | 14.00 | 152.19 | 062507 |
| PIRTEK O'HARE | P000380 | 06/16/20 | BO-T00001660 | 01-12.B501 | Spare Parts For Stock | 81.90 | | |
| | | 07/06/20 | во-т00001864 | 01-12.B501 | Mixing Truck Parts | 146.21 | 228.11 | 062508 |
| POLYDYNE INC. | P000395 | 06/16/20 | 1462146 | 01-12.B402 | Belt Press Polymer | 2142.54 | | |
| | | 07/07/20 | 1466743 | 01-12.B402 | Belt Press Polymer | 2142.54 | 4285.08 | 102379 |
| PORTER PIPE AND SUPPLY CO. | P000420 | 06/25/20 | 12079963-00 | 01-12.B509 | Sldg Bed Vlv Extensions | 104.55 | | |
| | | 06/30/20 | 12082049-00 | 01-12.B506 | Prim Sludge Valve Repairs | 142.56 | | |
| | | 06/30/20 | 12082191-00 | 01-12.B506 | Prim Sludge Valve Repairs | 105.58 | | |
| | | 06/30/20 | 12082249-00 | 01-12.B506 | Prim Sludge Valve Repairs | 30.30 | | |
| | | 07/09/20 | 12085803-00 | 01-12.B506 | Prim 1 Sldg Vlv Replace | 138.55 | 521.54 | 102380 |
| PRINCIPAL LIFE INSURANCE CO | P000650 | 06/17/20 | 1093099 | 01-17.E455 | Dental Insurance | 2493.77 | 2493.77 | 102381 |
| R. J. O'NEIL, INC. | R000008 | 07/02/20 | 5 | 01-12.B508 | WAS Thickener | 335943.00 | 335943.00 | 102382 |
| RAINBOW ELECTRIC CO. | R000070 | 06/25/20 | MRINV9889 | 01-12.B503 | Exc 1 Hoist Motor Repair | 1990.32 | | |
| | | 06/25/20 | MSINV2571 | 01-12.B510 | Pump Motor - Flood Repair | 1756.49 | | |
| | | 07/15/20 | MSINV2584 | 01-12.B502 | Hyp Pump 1 Part | 838.04 | 4584.85 | 102383 |
| RAPTOR TECH INC. | R000105 | 07/01/20 | 12577 | 01-12.B513 | CHP Oil Line Fitting | 54.00 | | |
| | | 07/14/20 | 12580 | 01-12.B506 | Prim Sldg Vlv Hubs Repair | 197.00 | 251.00 | 102384 |
| RED WING SHOE STORE | R000180 | 07/02/20 | 45-1-86221 | 01-12.B117 | CP Boots | 199.74 | | |
| | | 07/02/20 | 45-1-86222 | 01-12.B117 | CP Boot Tuff Toe | 31.99 | 231.73 | 102385 |
| RENTAL MAX L.L.C. | R000250 | 07/10/20 | 426619-5 | 01-12.B116 | Fuel For Forklift | 54.98 | 54.98 | 062509 |
| ROESCH FORD COMMERCIAL | R000366 | 06/18/20 | 061820 | 01-14.C226 | SS Transit Van Purchase | 23588.00 | 23588.00 | 062510 |
| SEAWAY SUPPLY CO. | S000200 | 06/24/20 | 155607-01 | 01-12.B116 | MSB Supplies | 96.00 | | |
| | | 06/24/20 | 157868-01 | 01-12.B116 | MSB Supplies | 130.32 | | |
| | | 06/12/20 | 157869 | 01-12.B512 | Maint Repair Supplies | 292.76 | | |
| | | 06/12/20 | 158187 | 01-12.B116 | MSB Supplies | 92.00 | | |
| | | 06/24/20 | 158552 | 01-12.B116 | MSB Supplies | 234.00 | | |
| | | 06/29/20 | 158780 | 01-12.B116 | MSB Supplies | 111.75 | | |
| | | 07/07/20 | 159062 | 01-12.B116 | MSB Supplies | 207.24 | 1164.07 | 102386 |
| SHERWIN-WILLIAMS CO. | S000320 | 07/09/20 | 2530-0 | 01-12.B812 | Tunnel Air Piping Paint | 83.48 | 83.48 | 102387 |
| SOUTHLAND ELECTRICAL SUPPLY | S000493 | 07/06/20 | 3154099 | 01-12.B505 | Bar Scrn 1 Compct Mtr Prt | 766.15 | | |
| | | 07/09/20 | 3154101 | 01-12.B510 | Gas Bstr 1&2 Motor Part | 1519.52 | 2285.67 | 102388 |
| SPRING GREEN LAWN CARE | S000550 | 06/17/20 | 6385268 | 01-15.B823 | Earlston LS Lawn Treatmen | 29.00 | | |
| | | 06/17/20 | 6385269 | | Lib Park LS Lawn Treatmen | 49.00 | | |
| | | 06/17/20 | | | Wroble LS Lawn Treatment | 49.00 | | |
| | | 06/17/20 | | | Centex LS Lawn Treatment | 42.00 | | |
| | | 06/17/20 | | | NW LS Lawn Treatment | 87.00 | | |
| | | 06/17/20 | | | Hobson LS Lawn Treatment | 54.00 | | |
| | | 06/17/20 | | | Venard LS Lawn Treatment | 42.00 | | |
| | | | · · · | | | | | |



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|----------------------------|---------|----------|-------------|------------|---------------------------|-----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| | | 07/09/20 | 6459590 | 01-11.B118 | Admin Lawn Treatment | 62.00 | 1323.00 | 062511 |
| STEPHENS PLUMBING AND | S000680 | 06/21/20 | 222428 | 01-14.B910 | Shear Repair | 381.25 | | |
| | | 07/08/20 | 223075 | 01-14.B910 | Shear Repair | 351.65 | | |
| | | 07/09/20 | 223135 | 01-14.B910 | Shear Repair | 283.15 | 1016.05 | 062512 |
| SUBURBAN LIFE PUBLICATIONS | S000867 | 06/30/20 | 10071278 | 01-11.B124 | Legal Publication | 137.90 | 137.90 | 062513 |
| TERRACE SUPPLY COMPANY | T000250 | 06/30/20 | 01012917 | 01-12.B116 | Cylinder Rentals | 51.00 | 51.00 | 102389 |
| TRI-STATE HYDRAULICS, INC | T000570 | 06/30/20 | 500439 | 01-12.B501 | Ops Auger Hydraulic Motor | 5787.06 | 5787.06 | 062514 |
| USABLUEBOOK | U000150 | 06/15/20 | 267015 | 01-12.B116 | MSB Supplies | 94.66 | 94.66 | 062515 |
| UNITED PARCEL SERVICE | U000300 | 06/13/20 | 3Y0091240 | 01-13.B123 | Overnight Sample Shipping | 27.13 | 27.13 | 062516 |
| UNO CONSTRUCTION CO., INC. | U000450 | 06/30/20 | 12 | 01-14.B910 | BSSRAP Projects | 44674.40 | 44674.40 | 102390 |
| VERIZON WIRELESS | V000135 | 07/01/20 | 542042956 | 01-12.B112 | WWTC Tablet | 118.05 | | |
| | | 07/01/20 | 542042956 | 01-14.B112 | SS Tablet | 87.48 | | |
| | | 07/01/20 | 542042956 | 01-15.B112 | LS Tablet | 36.01 | | |
| | | 06/28/20 | 785846626 | 01-11.B112 | Admin Cell Service | 283.64 | | |
| | | 06/28/20 | 785846626 | 01-12.B112 | WWTC Cell Service | 1040.21 | | |
| | | 06/28/20 | 785846626 | 01-14.B112 | SS Cell Service | 477.49 | | |
| | | 06/28/20 | 785846626 | 01-15.B112 | LS Cell Service | 268.92 | 2311.80 | 062517 |
| WAGNER COMMUNICATIONS, INC | W000070 | 07/01/20 | 200700353 | 01-11.B112 | Answering Service | 619.98 | 619.98 | 102391 |
| WESTFAX | W000350 | 06/30/20 | 1358006 | 01-11.B112 | EFax Service | 8.99 | 8.99 | 102392 |
| VILLAGE OF WESTMONT | W000450 | 07/06/20 | 716466 | 01-11.B121 | Meter Readings | 370.01 | 370.01 | 062518 |
| | | | | | | | | |
| | | | | | Total Payments: | 552985.77 | 552985.77 | |
| | | | | | ACH Payments Total: | 464247.27 | .00 | |
| | | | | Ch | neck Payments Total: | 88738.50 | 552985.77 | |



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|------------------------------|------------|----------|--------------|------------|---------------------------|-----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| AT&T | A000075 | 07/15/20 | 081267687506 | 01-11.B112 | DSL Internet | 62.82 | 62.82 | 102332 |
| CHASE | в000050 | 06/19/20 | SPR 06/15/20 | 01-00.2000 | Federal Tax | 3736.94 | | |
| | | 06/19/20 | SPR 06/15/20 | 01-00.2002 | Empl Soc Sec Tax | 2605.31 | | |
| | | 06/19/20 | SPR 06/15/20 | 01-17.E461 | Emplr Soc Sec Tax | 2605.35 | 8947.60 | 102307 |
| CHASE | в000050 | 06/22/20 | PR 06/13/20 | 01-00.2000 | Federal Tax | 9133.49 | | |
| | | 06/22/20 | PR 06/13/20 | 01-00.2002 | Empl Soc Sec Tax | 6365.96 | | |
| | | 06/22/20 | PR 06/13/20 | 01-17.E461 | Emplr Soc Sec Tax | 6366.00 | 21865.45 | 102312 |
| CHASE | в000050 | 07/06/20 | PR 06/27/20 | 01-00.2000 | Federal Tax | 8908.90 | | |
| | | 07/06/20 | PR 06/27/20 | 01-00.2002 | Empl Soc Sec Tax | 6317.27 | | |
| | | 07/06/20 | PR 06/27/20 | 01-17.E461 | Emplr Soc Sec Tax | 6317.26 | 21543.43 | 102322 |
| CHASE | в000050 | 07/06/20 | SPR 06/30/20 | 01-00.2000 | Federal Tax | 4693.49 | | |
| | | 07/06/20 | SPR 06/30/20 | 01-00.2002 | Empl Soc Sec Tax | 2940.80 | | |
| | | 07/06/20 | SPR 06/30/20 | 01-17.E461 | Emplr Soc Sec Tax | 2940.82 | 10575.11 | 102323 |
| CHASE | в000050 | 07/20/20 | PR 07/11/20 | 01-00.2000 | Federal Tax | 8888.19 | | |
| | | 07/20/20 | PR 07/11/20 | 01-00.2002 | Empl Soc Sec Tax | 6152.86 | | |
| | | 07/20/20 | PR 07/11/20 | 01-17.E461 | Emplr Soc Sec Tax | 6152.87 | 21193.92 | 102337 |
| CHASE | в000050 | 07/20/20 | SPR 07/15/20 | 01-00.2000 | Federal Tax | 3150.06 | | |
| | | 07/20/20 | SPR 07/15/20 | 01-00.2002 | Empl Soc Sec Tax | 2368.96 | | |
| | | 07/20/20 | SPR 07/15/20 | 01-17.E461 | Emplr Soc Sec Tax | 2368.92 | 7887.94 | 102343 |
| LITTLE FRIENDS, INC | C000371 | 07/17/20 | 30683/30700 | 01-11.B117 | KG T-Shirts | 37.25 | | |
| | | 07/17/20 | 30683/30700 | 01-12.B117 | WWTC T-Shirts | 324.47 | | |
| | | 07/17/20 | 30683/30700 | 01-13.B117 | Lab T-Shirts | 37.43 | | |
| | | 07/17/20 | 30683/30700 | 01-14.B117 | SS T-Shirts | 87.35 | 486.50 | 062372 |
| D.G. SANIT DIST #XXXXXXXXX11 | 17 D000400 | 07/22/20 | Reimburse | 01-00.1001 | Payroll Acct Reimburse | 227289.73 | 227289.73 | 102342 |
| D.G. SANIT DIST #XXXXXXXXX11 | 14 D000420 | 07/22/20 | Reimburse | 01-05.3001 | User Refund Acct Reimburs | 1148.42 | 1148.42 | 102334 |
| D.G. SANIT DIST #XXXXXXXXX11 | 12 D000440 | 07/22/20 | Reimburse | 01-14.B910 | BSSRAP Rodding Refunds | 1113.96 | 1113.96 | 102341 |
| DUPAGE CREDIT UNION | D000650 | 06/17/20 | SPR 06/15/20 | 01-00.2013 | Empl Authorized W/Holding | 800.00 | 800.00 | 102309 |
| DUPAGE CREDIT UNION | D000650 | 06/19/20 | PR 06/13/20 | 01-00.2013 | Empl Authorized W/Holding | 2214.31 | 2214.31 | 102314 |
| DUPAGE CREDIT UNION | D000650 | 07/03/20 | PR 06/27/20 | 01-00.2013 | Empl Authorized W/Holding | 2214.31 | 2214.31 | 102320 |
| DUPAGE CREDIT UNION | D000650 | 07/02/20 | SPR 06/30/20 | 01-00.2013 | Empl Authorized W/Holding | 800.00 | 800.00 | 102321 |
| DUPAGE CREDIT UNION | D000650 | 07/17/20 | PR 07/11/20 | 01-00.2013 | Empl Authorized W/Holding | 2214.31 | 2214.31 | 102339 |
| E&M Feed Trucks | E000001 | 06/26/20 | Deposit | 01-12.B501 | Compost-Truck Rental | 5000.00 | 5000.00 | 062370 |
| STEPHEN FLECK | F000167 | 07/17/20 | Reimburse | 01-17.E452 | Repair Expense Reimburse | 250.00 | 250.00 | 062373 |
| CARRIE A. FONTENOT | F000265 | 07/17/20 | Reimburse | 01-17.E452 | Sewer Repair Reimburse | 250.00 | 250.00 | 062464 |
| FULL SOURCE, LLC | F000510 | 07/10/20 | FS7191517-PQ | 01-11.B117 | Admin Polo Orders | 213.04 | | |
| | | 07/10/20 | FS7191517-PQ | 01-12.B117 | WWTC Polo Orders | 186.41 | | |
| | | 07/10/20 | FS7191517-PQ | 01-13.B117 | Lab Polo Orders | 26.63 | | |
| | | 07/10/20 | FS7191517-PQ | 01-14.B117 | SS Polo Orders | 361.23 | 787.31 | 062371 |
| HEALTH CARE SERVICE CORP. | н000190 | 06/29/20 | 165585 | 01-17.E455 | Health Insurance | 42801.00 | 42801.00 | 102318 |
| ILLINOIS DEPARTMENT OF REVEN | UE 1000240 | 06/19/20 | SPR 06/15/20 | 01-00.2001 | | 1555.76 | 1555.76 | 102308 |
| ILLINOIS DEPARTMENT OF REVEN | | 06/22/20 | PR 06/13/20 | 01-00.2001 | | 3832.54 | 3832.54 | 102313 |
| ILLINOIS DEPARTMENT OF REVEN | | | PR 06/27/20 | 01-00.2001 | | 3805.08 | 3805.08 | 102324 |
| ILLINOIS DEPARTMENT OF REVEN | | | SPR 06/30/20 | 01-00.2001 | | 1763.07 | 1763.07 | 102325 |
| ILLINOIS DEPARTMENT OF REVEN | | | PR 07/11/20 | 01-00.2001 | | 3698.23 | 3698.23 | 102338 |
| ILLINOIS DEPARTMENT OF REVEN | | | SPR 07/15/20 | 01-00.2001 | | 1424.53 | 1424.53 | 102344 |
| ILLINOIS EPA | 1000270 | | ILR006245A | | NPDES Annual Fee | 500.00 | 500.00 | 102335 |



| ====== VENDOR ====== | | ===== IN | VOICE ===== | | | | | |
|------------------------------|---------|----------|--------------|------------|---------------------------|-----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| ILLINOIS EPA | 1000270 | 07/22/20 | IL0028380A | 01-12.B130 | NPDES Annual Fee | 52500.00 | 52500.00 | 102336 |
| ILLINOIS MUNICIPAL | I000300 | 07/09/20 | Pension | 01-00.2003 | Empl Pension Deposit | 10718.16 | | |
| | | 07/09/20 | Pension | 01-00.2014 | Empl Vol Pension Deposit | 8205.20 | | |
| | | 07/09/20 | Pension | 01-17.E460 | Emplr Pension Deposit | 25175.86 | 44099.22 | 102317 |
| INVOICE CLOUD | 1000750 | 07/10/20 | 607-2020-6 | 01-11.B121 | Biller Portal Fees | 377.10 | 377.10 | 102333 |
| LIFELINK EMS | L000240 | 07/02/20 | AED DEPOSIT | 01-11.B113 | AED REPLACEMENT/MAIN | 2100.00 | 2100.00 | 102331 |
| MIDAMERICA ADMIN HRA ACCOUNT | M000557 | 06/26/20 | Funding | 01-17.E455 | HRA Acct Funding | 600.00 | 600.00 | 102316 |
| TRANSAMERICA RETIREMENT | T000415 | 06/17/20 | SPR 06/15/20 | 01-00.2026 | Def Comp IPPFA | 213.27 | | |
| | | 06/17/20 | SPR 06/15/20 | 01-00.2028 | Def Comp Loan Repay IPPFA | 77.06 | 290.33 | 102310 |
| TRANSAMERICA RETIREMENT | T000415 | 06/19/20 | PR 06/13/20 | 01-00.2026 | Def Comp IPPFA | 318.34 | | |
| | | 06/19/20 | PR 06/13/20 | 01-00.2027 | Def Comp Roth IPPFA | 40.00 | | |
| | | 06/19/20 | PR 06/13/20 | 01-00.2028 | Def Comp Loan Repay IPPFA | 162.27 | 520.61 | 102315 |
| TRANSAMERICA RETIREMENT | T000415 | 07/03/20 | PR 06/27/20 | 01-00.2026 | Def Comp IPPFA | 286.31 | | |
| | | 07/03/20 | PR 06/27/20 | 01-00.2027 | Def Comp Roth IPPFA | 40.00 | | |
| | | 07/03/20 | PR 06/27/20 | 01-00.2028 | Def Comp Loan Repay IPPFA | 162.27 | 488.58 | 102326 |
| TRANSAMERICA RETIREMENT | T000415 | 07/02/30 | SPR 06/30/20 | 01-00.2026 | Def Comp IPPFA | 213.14 | | |
| | | 07/02/30 | SPR 06/30/20 | 01-00.2028 | Def Comp Loan Repay IPPFA | 77.06 | 290.20 | 102327 |
| TRANSAMERICA RETIREMENT | T000415 | 07/17/20 | PR 07/11/20 | 01-00.2026 | Def Comp IPPFA | 354.51 | | |
| | | 07/17/20 | PR 07/11/20 | 01-00.2027 | Def Comp Roth IRA IPPFA | 40.00 | | |
| | | 07/17/20 | PR 07/11/20 | 01-00.2028 | Def Comp Loan Repay IPPFA | 162.27 | 556.78 | 102340 |
| TRANSAMERICA RETIREMENT | T000415 | 07/17/20 | SPR 07/15/20 | 01-00.2026 | Def Comp IPPFA | 213.33 | | |
| | | 07/17/20 | SPR 07/15/20 | 01-00.2028 | Def Comp Loan Repay IPPFA | 77.06 | 290.39 | 102345 |
| VANTAGEPOINT TRANSFER AGENTS | V000120 | 06/17/20 | SPR 06/15/20 | 01-00.2020 | Def Comp ICMARC | 300.00 | 300.00 | 102311 |
| VANTAGEPOINT TRANSFER AGENTS | V000120 | 07/02/20 | SPR 06/30/20 | 01-00.2020 | Def Comp ICMARC | 300.00 | 300.00 | 102328 |
| Zoom Inc. | Z000200 | 06/26/20 | P29567437 | 01-11.B115 | Subscription | 40.00 | 40.00 | 102319 |
| | | | | | | | | |
| | | | | | Total Payments: | 498778.54 | 498778.54 | |
| | | | | | ACH Payments Total: | 492004.73 | .00 | |
| | | | | Ch | eck Payments Total: | 6773.81 | 498778.54 | |
| | | | | | | | | |
| DATE | | | | | | | | |
| REVIEWED | | | | | | | | |

| REVIEWED | |
|------------------|-----------|
| TRUSTEE APPROVAL | |
| | PRESIDENT |
| | |
| | CLERK |



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 07/21/20

| G/L NUMBER COST ACCTG DESCRIPTION DEBIT CREDIT |
|---|
| 01-00.1000 CASH 1051764.31- |
| 01-00.1001 |
| 01-00.2000 FEDERAL TAX WITHHELD 38511.07 |
| 01-00.2001 STATE TAX WITHHELD 16079.21 |
| 01-00.2002 SOCIAL SECURITY WITHHELD 26751.16 |
| 01-00.2003 IMRF WITHHELD 10718.16 |
| 01-00.2005 CLEARING 80.87 |
| 01-00.2013 CREDIT UNION WITHHELD 8242.93 |
| 01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 8205.20 |
| 01-00.2017 VOLUNTARY GROUP LIFE 288.00 |
| 01-00.2020 DEFERRED COMPENSATION WITHHELD - ICMARC 600.00 |
| 01-00.2026 DEFERRED COMPENSATION WITHHELD - IPPFA 1598.90 |
| 01-00.2027 DEFERRED COMPENSATION WITHHELD - IPPFA ROTH 120.00 |
| 01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 717.99 |
| 01-05.3001 USER RECEIPTS 1148.42 |
| 01-11.B100 ELECTRICITY 97.69 |
| 01-11.B102 WATER, GARBAGE AND OTHER UTILITIES 232.73 |
| 01-11.B110 BANK CHARGES 31.30 |
| 01-11.B112 COMMUNICATION 1862.98 |
| 01-11.B113 EMERGENCY/SAFETY EQUIPMENT 8474.37 |
| 01-11.B115 EQUIPMENT/EQUIPMENT REPAIR 8631.61 |
| 01-11.B116 SUPPLIES 243.70 |
| 01-11.B117 EMPLOYEE/DUTY COSTS 660.29 |
| 01-11.B118 BUILDING AND GROUNDS 1056.22 |
| 01-11.B119 POSTAGE 73.78 |
| 01-11.B121 USER BILLING MATERIALS 5696.93 |
| 01-11.B124 CONTRACT SERVICES 137.90 |
| 01-11.B137 MEMBERSHIPS/SUBSCRIPTIONS 160.00 |
| 01-11.C222 GAS/FUEL 72.38 |
| 01-11.C225 OPERATION/REPAIR 16.50 |
| 01-12.B100 ELECTRICITY 4148.51 |
| 01-12.B102 WATER, GARBAGE AND OTHER UTILITIES 2949.93 |
| 01-12.B112 COMMUNICATION 1527.62 |
| 01-12.B113 EMERGENCY/SAFETY EQUIPMENT 888.12 |
| 01-12.B116 SUPPLIES 2324.63 |
| 01-12.B117 EMPLOYEE/DUTY COSTS 1148.49 |
| 01-12.B130 NPDES PERMIT FEES 53000.00 |
| 01-12.B401 CHEMICALS - DISINFECTION 8991.37 |
| 01-12.B402 CHEMICALS - SLUDGE DEWATERING 4285.08 |
| 01-12.B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL 12147.13 |
| 01-12.B502 EQPT/EQPT REPAIR - DISINFECTION 869.00 |
| 01-12.B503 |
| 01-12.B504 EQPT/EQPT REPAIR - GRIT REMOVAL 90.73 |
| 01-12.B505 EQPT/EQPT REPAIR - INFLUENT PUMPING 766.15 |
| 01-12.B506 EQPT/EQPT REPAIR - PRIMARY TREATMENT 2128.45 |
| 01-12.B507 EQPT/EQPT REPAIR - SECONDARY TREATMENT 76.62 |



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 07/21/20

Date: 07/17/20 Time: 3:05pm

| G/L NUMBER COST ACCTG DESCRIPTION DEBIT CREDIT |
|---|
| |
| 01-12.B508 EQPT/EQPT REPAIR - SLUDGE CONCENTRATION 337134.51 |
| 01-12.B509 EQPT/EQPT REPAIR - SLUDGE DEWATERING 1904.65 |
| 01-12.B510 EQPT/EQPT REPAIR - SLUDGE DIGESTION 6047.20 |
| 01-12.B512 EQPT/EQPT REPAIR - WWTC GENERAL 2187.70 |
| 01-12.B513 EQPT/EQPT REPAIR - WWTC UTILITIES 10542.07 |
| 01-12.B805 BLDG AND GROUNDS - INFLUENT PUMPING 351.50 |
| 01-12.B810 BLDG AND GROUNDS - SLUDGE DIGESTION 634.35 |
| 01-12.B812 BLDG AND GROUNDS - WWTC GENERAL 9539.18 |
| 01-12.C222 GAS/FUEL 1456.43 |
| 01-12.C225 OPERATION/REPAIR 420.19 |
| 01-13.B114 CHEMICALS 1282.33 |
| 01-13.B116 SUPPLIES 1129.54 |
| 01-13.B117 EMPLOYEE/DUTY COSTS 64.06 |
| 01-13.B123 OUTSIDE LAB SERVICES 2807.73 |
| 01-13.C225 OPERATION/REPAIR 2.20 |
| 01-14.B112 COMMUNICATION 564.97 |
| 01-14.B113 EMERGENCY/SAFETY EQUIPMENT 200.00 |
| 01-14.B115 EQUIPMENT/EQUIPMENT REPAIR 181.67 |
| 01-14.B116 SUPPLIES 30.94 |
| 01-14.B117 EMPLOYEE/DUTY COSTS 875.85 |
| 01-14.B127 JULIE SYSTEM 4185.36 |
| 01-14.B128 OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM 3182.00 |
| 01-14.B902 SEWER SYSTEM REPAIRS - REPLACEMENT 13542.76 |
| 01-14.B903 SEWER SYSTEM REPAIRS - REHABILITATION 1607.50 |
| 01-14.B910 SEWER SYSTEM REPAIRS - BSSRAP PROGRAM 46804.41 |
| 01-14.B913 SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/REH 519.74 |
| 01-14.C222 GAS/FUEL 734.69 |
| 01-14.C225 OPERATION/REPAIR 1351.79 |
| 01-14.C226 VEHICLE PURCHASES 23588.00 |
| 01-15.B100 ELECTRICITY 10753.04 |
| 01-15.B112 COMMUNICATION 359.78 |
| 01-15.B529 EQPT/EQPT REPAIR - LIFT STATIONS GENERAL 16.82 |
| 01-15.B820 BLDG AND GROUNDS - BUTTERFIELD 126.20 |
| 01-15.B821 BLDG AND GROUNDS - CENTEX 168.20 |
| 01-15.B823 BLDG AND GROUNDS - EARLSTON 155.20 |
| 01-15.B824 BLDG AND GROUNDS - HOBSON 180.20 |
| 01-15.B825 BLDG AND GROUNDS - LIBERTY PARK 175.20 |
| 01-15.B826 BLDG AND GROUNDS - NORTHWEST 213.20 |
| 01-15.B827 BLDG AND GROUNDS - VENARD 168.20 |
| 01-15.B828 BLDG AND GROUNDS - WROBLE 175.20 |
| 01-17.E452 LIABILITY/PROPERTY 500.00 |
| 01-17.E455 EMPLOYEE GROUP HEALTH 46900.64 |
| 01-17.E460 IMRF 25175.86 |
| 01-17.E461 SOCIAL SECURITY 26751.22 |
| |
| 1051764.31 1051764.31- |

Page 11

| Vendor | Invoice Date | Amount | Coding | Coding Description | Purchase Location | Emp. | Procurement | Project Name (If applicable) | Item Description |
|------------|--------------|----------|------------|---|-------------------|------|----------------|---|--|
| Grainger | 06/09/20 | \$19.94 | 01-12.B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | Delivered | MR | | Digester 4&5 Flooding Alarm | Plunger Style Alarm Floats |
| Grainger | 06/10/20 | \$78.98 | 01-12.B810 | BLDG & GROUNDS - SLUDGE DIGESTION | Delivered | MR | | Digester 4&5 HVAC | Roof Mounted Exhaust Fan Motor |
| Grainger | 06/10/20 | \$6.44 | 01-12.B810 | BLDG & GROUNDS - SLUDGE DIGESTION | Delivered | MR | | Digester 4&5 HVAC | V-Belt |
| Grainger | 06/10/20 | \$22.68 | 01.00.2005 | Clearing | In-Store | MR | | Clearing Account | Work Belt (Marco Reimbursed) |
| Grainger | 06/11/20 | \$117.18 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | СР | | Maintenance Repair Supplies | Grinding Flap Wheels |
| Grainger | 06/11/20 | \$132.04 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | Delivered | MR | | WWTC Main Gate | Replacement Strobe Warning Lights |
| Grainger | 06/12/20 | \$19.29 | 01-12.B810 | BLDG & GROUNDS - SLUDGE DIGESTION | Delivered | MR | | Digester 4&5 HVAC | Exhaust Fan Motor 1/20 HP |
| Grainger | 06/16/20 | \$10.01 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | MR | | Maintenance Repair Supplies | 1/4"-20 Spring Nuts |
| Grainger | 06/16/20 | \$21.94 | 01-12.B810 | BLDG & GROUNDS - SLUDGE DIGESTION | Delivered | MR | | Digester 4&5 Exterior Lighting | Photo Eyes |
| Grainger | 06/15/20 | \$123.12 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | MR | | WWTC Main Gate | Replacement Strobe Warning Lights |
| Grainger | 06/17/20 | \$19.76 | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | In-Store | JM | | Shop Hoist Repair | Safety Latch for Lifting Hook |
| Grainger | 06/18/20 | \$23.55 | 01-12.B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | Delivered | MR | | Digester 4&5 Basement Flooding Alarm | Electrical Cord Connectors for Alarm Float |
| Grainger | 06/19/20 | \$30.96 | 01-12.B502 | EQPT/EQPT REPAIR - DISINFECTION | Delivered | NW | | OSEC Cell Replacement | PVC Pipe Fittings |
| Grainger | 06/19/20 | \$77.79 | 01-13.B114 | CHEMICALS | Delivered | DRB | shopped online | lab supplies | Agar and hypo testing refill kit |
| Grainger | 06/19/20 | \$690.76 | 01-13.B116 | LAB SUPPLIES | Delivered | DRB | shopped online | lab supplies | disposable pipettes, sterile spoons, grease collection cups |
| Grainger | 06/22/20 | \$95.10 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | MR | | Electrical Repair Supplies | Control Fuses for Stock |
| Grainger | 06/24/20 | \$70.41 | 01-11.B116 | ADMIN SUPPLIES | Delivered | СР | | Boot Brush for Administration Center | Boot Brush |
| Grainger | 06/24/20 | \$71.40 | 01-13.B114 | CHEMICALS | Delivered | DRB | | lab supplies | Agar and hypo testing refill kit |
| Grainger | 06/25/20 | \$181.76 | 01-12.B116 | WWTC SUPPLIES | Delivered | JG | | Safety Cleaning Supplies | 8 Gallons 70% Isopropyl Alcohol |
| Grainger | 06/25/20 | \$162.97 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | JPB | | Maintenance Repair Supplies | Hardware & Pipe Fittings |
| Grainger | 06/26/20 | \$16.74 | 01-12.B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL | Delivered | RF | | Composting Pilot | Drill Bits |
| Grainger | 06/18/20 | \$76.62 | 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT | In-Store | MR | | RAS System 2 Flow Meters | Electrical Supplies - Junction Boxes |
| Grainger | 06/29/20 | \$343.18 | 01-12.B810 | BLDG & GROUNDS - SLUDGE DIGESTION | Delivered | JM | | Dig. 2 sump | Replacement sump pump |
| Grainger | 06/26/20 | \$13.37 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | RF | | Replacement Tool (Worn Out) | Accu-Level for Pipe Bending |
| Grainger | 06/30/20 | -\$66.02 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | Delivered | MR | | Return Strobe Lights | 1 3 |
| Grainger | 06/30/20 | -\$66.02 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | Delivered | MR | | Return Strobe Lights | |
| Grainger | 06/30/20 | \$16.56 | 01-11.B118 | ADMIN BUILDING & GROUNDS | Delivered | JG | | Safety Supplies | Cones for Outside Admin Center |
| Grainger | 07/01/20 | \$132.03 | 01-12.B116 | WWTC SUPPLIES | Delivered | MM | | , | Wash down hose 1 1/2" |
| Grainger | 07/06/20 | \$23.10 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | MR | | Electrical Repair Supplies | Cable Ties |
| Grainger | 07/06/20 | \$117.04 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | MR | | Primary Clarifier Control Panels | Power Termination Blocks |
| Grainger | 07/06/20 | \$25.16 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | MR | | Replacement Tool (Worn Out) | (2) Screw Drivers |
| Grainger | 07/13/20 | \$131.82 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | Delivered | RF | | Light Fixture Replacement Sludge Site Glass | 24" LED Vapor Tight Light Fixture |
| Grainger | 07/14/20 | \$42.30 | 01-11.B118 | ADMIN BUILDING & GROUNDS | Delivered | RF | | HVAC Filter Replacement | (3) Air Bear Filters |
| Grainger | 07/15/20 | \$26.48 | 01-13.B116 | LAB SUPPLIES | Delivered | DRB | shopped online | sampling supplies | coolers for shipping samples |
| Home Depot | 07/16/20 | \$137.78 | 01-12.B116 | WWTC SUPPLIES | In-Store | СР | | Supplies | Funnels, Paper Towel Holders, Shelf Brackets, Duct & Package Tape, Shelving, Sanitizer |
| Home Depot | 06/26/20 | \$90.40 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | СР | | WWTC Landscaping Repairs | Brooms, Hoses, Funnel, Sprinkler |
| Home Depot | 06/16/20 | \$141.04 | 01-12.B116 | WWTC SUPPLIES | In-Store | CP | | Maintenance Repair Supplies | Rope, Muriatic Acid, Self Leveling Concrete, Clorox Wipes, Pressure Sprayer |
| Home Depot | 07/15/20 | \$14.97 | 01-14.B116 | SEWER SYSTEM SUPPLIES | In-Store | DJ | | Supplies | 30Ft Compact Wide Blade Tape |
| Home Depot | 06/24/20 | \$132.31 | 01-12.B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL | In-Store | RF | | Composting Pilot | Electrical Supplies, Circuit Panel, Breakers, Fittings, Etc. |
| Home Depot | 07/14/20 | \$7.08 | 01-12.B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | In-Store | FF | | Digester 4&5 Protective Water Pump | Sanding Discs |
| Home Depot | 06/23/20 | \$110.88 | 01-11.B118 | ADMIN BUILDING & GROUNDS | In-Store | СР | | Administration Center Lawn Restoration | Seed, Hoses, Sprinkler, Timer |
| Home Depot | 06/11/20 | \$19.34 | 01-12.B116 | WWTC SUPPLIES | In-Store | NW | | Supplies | Spray Paint & Concrete Patch |
| Home Depot | 07/10/20 | \$23.68 | 01-11.B116 | ADMIN SUPPLIES | In-Store | AB | | Marking Supplies | Marking Wand |
| Home Depot | 06/10/20 | \$62.48 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | JM | | WWTC Landscaping Repairs | Seed Spreader |
| Home Depot | 06/30/20 | \$27.83 | 01-12.B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL | In-Store | RF | | Composting Pilot | Twist Lock Electrical Connectors |
| Home Depot | 06/29/20 | \$121.02 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | СР | | WWTC Landscaping Repairs | Hoses, Seed, Sprinklers, Shut off Valves |
| Home Depot | 06/29/20 | \$29.85 | 01-12.B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL | In-Store | RF | | Composting Pilot | Electrical Supplies |
| Home Depot | 07/08/20 | \$115.12 | 01-12.B116 | WWTC SUPPLIES | In-Store | CP | | Misc. B&G Supplies | Shelving, WD-40, Padlocks, Utility Blades, Plumbing Supplies |
| Home Depot | 07/07/20 | \$65.84 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | CP | | Landscaping & Shelving for Washrooms | Grass Seed & Shelving Materials |
| Home Depot | 07/07/20 | \$15.97 | 01-14.B116 | SEWER SYSTEM SUPPLIES | In-Store | JR | | | Laundry Detergent |
| Home Depot | 06/17/20 | \$133.96 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | CP | | WWTC Landscaping Repairs | Hoses, Hose Reel, Sprinklers |
| Home Depot | 06/17/20 | \$98.22 | 01-12.B812 | BLDG & GROUNDS - WWTC GENERAL | In-Store | СР | | Concrete Repair Tunnel RAS System 2 | Concrete Repair Supplies |
| Home Depot | 00/1//20 | 730.22 | 01 12.0012 | PLPO & GNOONDS WWITC GLINLINAL | III Store | CI | | Consider Repair Turnier NAS System 2 | Consists Repair Supplies |

| Date: | 7/17/2020 |
|------------------|-----------|
| Due Date: | 7/21/2020 |
| Invoice #: | Raimhursa |

Petty Cash Checking Reimbursement

D-440

| Due Date: | 7/21/2020 |
|------------|-----------|
| Invoice #: | Reimburse |

| Date | Purchased From | Description | Code | Amount | Ck No. |
|----------|------------------|-----------------------|---------|--------|--------|
| 06/10/20 | Benjamin Vidito | BSSRAP Rodding Refund | 14.B910 | 371.32 | 3654 |
| 06/17/20 | Timothy Anderson | BSSRAP Rodding Refund | 14.B910 | 371.32 | 3655 |
| 07/01/20 | Jean Banton | BSSRAP Rodding Refund | 14.B910 | 371.32 | 3652 |

Total Receipts/Reimbursement 1113.96

Expense by code

14.B910 1113.96

1113.96

Date: 7/17/2020 Petty Cash Reimbursement P - 350

Due Date: 7/21/2020

Invoice #: Cash Box

| Date | Purchased From | Reimbursed To | Description | Code | Amount |
|-----------|----------------|---------------|---------------------------|------------|--------|
| 6/12/2020 | Walmart | | WWTC Supplies | 12.B116 | 56.25 |
| 6/16/2020 | USPS | | Postage Due | 11.B119 | 3.72 |
| 6/19/2020 | Home Depot | Alan Hartigan | Vac-Con Water Tank Repair | 14.B115 | 14.00 |
| 6/23/2020 | USPS | | Postage Due | 11.B119 | 0.62 |
| 6/24/2020 | USPS | | Postage Due | 11.B119 | 1.24 |
| 7/1/2020 | USPS | | Postage Due | 11.B119 | 1.24 |
| 7/1/2020 | Home Depot | Jessie Gwozdz | Duct Tape | 11.B116 | 8.16 |
| 7/6/2020 | USPS | | Postage Due | 11.B119 | 0.62 |
| 7/7/2020 | USPS | | Postage Due | 11.B119 | 9.30 |
| 7/13/2020 | USPS | | Postage Due | 11.B119 | 57.04 |
| | | | | | |
| | | | Tota | l Receipts | 152.19 |

Expense by code

| 11.B119 | 73.78 |
|---------|--------|
| 11.B116 | 8.16 |
| 12.B116 | 56.25 |
| 14.B115 | 14.00 |
| | 152.19 |

Board of Trustees
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President
Amy E. Sejnost
Vice President
Paul W. Coultrap
Clerk



General Manager Amy R. Underwood

Legal CounselMichael G. Philipp

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

Providing a Better Environment for South Central DuPage County

MEMO

TO: Board of Trustees

FROM: Amy R. Underwood, General Manager

DATE: July 17, 2020

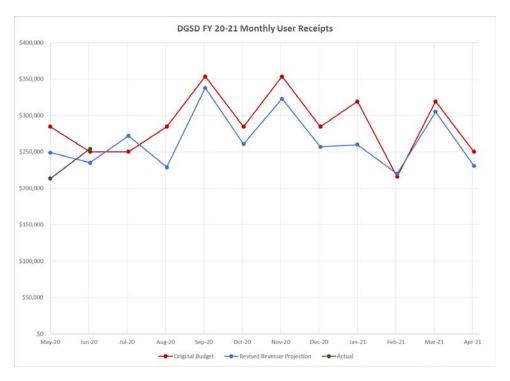
RE: FY20-21 Revenue Review

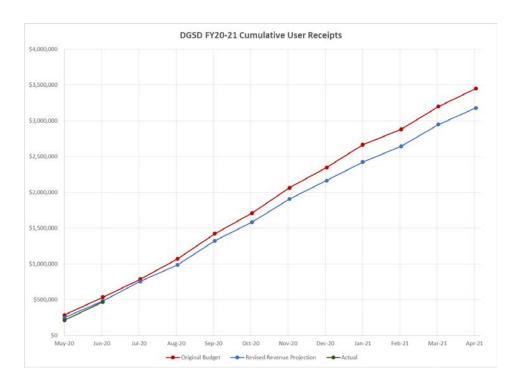
At the June 2020 Board of Trustees meeting, District Staff informed the Board that an error had been discovered in the calculation of budgeted billable flow that is expected to result in user receipt revenue below the budgeted revenue for FY20-21. Staff also noted that delinquent payments are greater in the first two months of FY20-21 than typical, which is believed to be a result of the coronavirus (COVID-19) pandemic. As promised, District Staff has looked into these matters in order to provide the Board an update on potential revenue shortfalls for this fiscal year.

BUDGETED USER RECEIPTS

User receipts are based on billable flow (i.e., water usage). When the budget is prepared, user receipt revenue is predicted using budgeted billable flow which is projected from the previous year's actual billable flow. (It should be noted that water usage is variable year to year, especially during the summer and is often weather dependent, making it difficult to accurately project billable flow.) For several years, the actual billable flow has been below the budgeted billable flow. While preparing the FY20-21 budget, it was discovered that this was due to the flow associated with the summer adjustment credits being added to instead of subtracted from the actual billable flow numbers which were used to project the next year's billable flow. We believed this discrepancy had been corrected in this year's projections until the May Treasurer's Report showed a -25.1% variance between the actual and budgeted user receipts. (Please note that the total variance for the fiscal year as shown on the June Treasurer's Report has decreased to -12.6%.)

District Staff revised the billable flow calculations and anticipated user receipts for FY20-21. The first graph below shows the budgeted monthly user receipts (red line) in comparison to the revised revenue projection (blue line). The second graph shows the budgeted cumulative user receipts in comparison to the revised cumulative user receipts. The actual user receipts (green lines) for the first two months of the fiscal year are also shown for your information. However, it should be noted that it may not be fair to compare these this fiscal year as the coronavirus is also impacting user receipts.





The revised user receipts prediction is 7.9% less than the budgeted user receipts. This represents an anticipated \$271,000 shortfall in revenue.

POTENTIAL IMPACTS OF COVID-19

The coronavirus pandemic is affecting state and local government revenue across the country. Since the District revenue is not based on income or sales tax, the impacts of COVID-19 on our operating income is not expected to be as drastic as has been predicted for some government bodies such as Villages, Cities and Counties. District Staff suspected the impacts on our revenue would be due to either (1) reduction in billable flow/usage or (2) customers not paying their bills. In an attempt to quantify the impacts to our revenue, District Staff has reviewed each revenue source and the accounts receivable.

Reduction in Billable Flow/Usage

The two revenue streams in Fund 01 that would be impacted by a reduction in billable flow are user receipts and surcharges. The potential reduction in billable flow was expected to be seen from surcharge customers (i.e., restaurants and industrial facilities) and commercial customers. Since this is a relatively small portion of the District's billable flow, a significant decrease in total billable flow and consequently user receipts was not expected. The following is a comparison for the first two months of the fiscal year.

| | Payment Due | Payment Due |
|----------------------------------|-------------|------------------|
| | May 2020 | <u>June 2020</u> |
| Revised Billable Flow Projection | 142,775,082 | 133,442,729 |
| Actual Billable Flow | 136,981,478 | 133,702,239 |
| Variance | -4.1% | +0.2% |

This variance is not a concern as actual billable flow may vary $\pm 10\%$ from one year to the next for the same calendar month. District Staff has concluded that the reduction in user receipts for May and June 2020 is due to the above presented error in budgeted billable flow and delinquent payments.

Surcharge income was 8% under budget for May and 27% under budget for June. A portion of the May payments were for usage predating the coronavirus restrictions. A review of surcharge customers revealed that they have been paying their bills throughout the coronavirus pandemic and that surcharge customers' water usage has greatly decreased. As surcharge customers reopen or increase their sales during Phase 4 of the Restore Illinois plan, we expect the surcharge revenue to increase. However, due to capacity restrictions, the revenue is unlikely to come back to budgeted levels. This is something that we will have to keep monitoring as we cannot accurately predict the full impact at this time. As a placeholder, District Staff is assuming that the surcharge revenue will be 20% under budget for this fiscal year, which would result in a \$75,000 reduction in revenue.

Grease waste income for the first two months of the fiscal year is 24.8% under budget. This is not due to the coronavirus. With CHP No. 1 out of service, the District made the operational decision to reduce the amount of grease waste we are accepting. Once the WAS thickener is installed and CHP No. 1 is replaced, the plant will be able to handle more grease waste. We budgeted for a small decrease in this revenue source, but it does not match the actual decrease.

At this time, District Staff is expecting a shortfall of \$50,000 in grease waste income.

Other Revenue Sources

An extreme interest rate drop has occurred since the beginning of the fiscal year. In order to estimate the potential impact of this drop in rates, interest income was estimated at 0.3% and 1.0%. Actual interest income is expected to be somewhere between these values. The expected reduction in interest income in comparison to the budget is within the following ranges:

| | Under Budget | Under Budget |
|------------------------|---------------|---------------|
| | 0.3% interest | 1.0% interest |
| Fund 01 (General) | \$16,600 | \$1,700 |
| Fund 02 (Improvement) | \$9,600 | \$6,100 |
| Fund 03 (Construction) | \$13,600 | \$8,900 |

Interest income is not a significant part of the District's revenue, and this is not expected to have a noticeable impact on our finances this fiscal year.

The FY20-21 budget included \$42,000 in late fees. This is included in the budgeted user receipts. Since penalties were not charged in the first quarter of the fiscal year, we are anticipating the late fees to be at least \$10,000 less than budgeted.

The District's other revenue sources, which are not impacted by billable flow or delinquent payment, either exceeded budgeted income for the first two months of the year or are not significant enough to include in this evaluation.

Accounts Receivable

Delinquent accounts receivable for the months of May and June have been higher than typical, as shown in the summary below.

| | <u>May 2020</u> | June 2020 |
|------------------------------|-----------------|-------------|
| 30 days past due | | |
| 2020 | \$63,552.11 | \$39,703.96 |
| Average past 4 years | \$36,523.24 | \$32,628.14 |
| 60 days past due | | |
| 2020 | \$22,896.98 | \$39,672.95 |
| Average past 4 years | \$12,147.54 | \$16,212.37 |
| 90 days past due and greater | | |
| 2020 | \$57,672.52 | \$64,632.71 |
| Average past 4 years | \$42,836.86 | \$38,051.45 |

Customers have likely not been paying their bills for one or a combination of the following reasons:

- The District offices were closed from March 16 through May 29 making it difficult for those customers who normally pay in person to pay their bill.
- The District did not assess late fees in April, May, June and July and subsequently we were not issuing reminder notices of past due accounts.

- Loss of income due to lack of employment. The unemployment rate in DuPage County in May 2020 was 12.6% in comparison to 2.7% in May 2019.
- Commercial facilities may have been closed since the end of March.
- Enforcement actions halted in March. These include collection letters for 90 days past due, pre-enforcement meetings and filing of liens for 120 days past due, and water shutoffs or show cause hearings for 150 days past due.

Of the past due accounts, 74 accounts were at least 120 days past due in March. Of these accounts, 64 are residential and 10 are commercial. The current past due on these accounts is \$33,974.09. If the coronavirus pandemic had not occurred, these accounts would have gone into enforcement procedures in March, many of them would have been paid, and the current 90 days past due and greater accounts receivable would be at a typical level.

The District's goal at this time is to get the past due account balances paid in this fiscal year, reducing the accounts receivable back to average levels. We started issuing reminder notices in July. Starting in August, the District will begin assessing late fees again. Enforcement procedures will begin after August 14 on all accounts that are 90 days past due or greater.

SUMMARY

The following summarizes the current projection for the Fund 01 revenue shortfall in FY20-21.

| | Projected |
|--|------------------|
| | Shortfall |
| Billable Flow/User Receipt Over-prediction | \$271,000 |
| Surcharge | \$75,000 |
| Grease Waste | \$50,000 |
| Interest | \$16,600 |
| <u>Late Fees</u> | \$10,000 |
| TOTAL | \$422,600 |

At this time, Staff is assuming that the majority of delinquent customers will have paid their past due bills by the end of the fiscal year back to a pre-coronavirus level, and therefore potential impact from this is not shown here.

District Staff have identified changes in planned expenses for this fiscal year that will offset the currently projected shortfall. The following summarizes the larger budget items where savings are planned. Please note that this list is not all inclusive of the potential savings identified by staff.

| | FY20-21 | Anticipated | Anticipated |
|------------------------------------|---------------|----------------|----------------|
| | <u>Budget</u> | Actual Expense | Savings |
| Cover Sludge Drying Beds | \$665,950 | \$51,950 | \$614,000 |
| CHP No. 1 Replacement | \$600,000 | \$1,082,575 | -\$482,575 |
| Sewer Replacement/Rehabilitation | \$575,000 | \$263,500 | \$311,500 |
| Salary (Delayed/Cancelled Hirings) | \$69,600 | \$0 | \$69,600 |
| Total Planned Savings | | | \$512,525 |

The CHP project is shown above because part of the savings in delaying the sludge drying bed cover to FY21-22 is slated to cover the CHP project contract price coming in over budget. Due to the coronavirus pandemic, the following budgeted staffing plans have been modified: (1) filling the inspector position has been delayed a few months, (2) hiring an additional mechanic has been delayed until next year, and (3) summer help at the wastewater treatment center was cancelled.

As noted above, the impact of COVID-19 on our revenue is still evolving. District Staff will continue to monitor this in the months to come and adjust expenses if needed and possible.

C: BOLI, WCC, MGP

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



General Manager Amy R. Underwood

Legal Counsel
Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

MEMO

TO: Amy Underwood, General Manager FROM: Alex Bielawa, Staff Engineer

DATE: July 14, 2020

SUBJECT: Contract Award, Sherman Street Sanitary Sewer Replacement

This year, we budgeted \$575,000 to rehabilitate certain aging sewers in Downers Grove. Baxter & Woodman prepared detailed plans and specifications for the replacement of the length of sewer main along Sherman Street shown on the map at the end of this memo.

The project was advertised for bidding, and included a pre-qualification approval prior to obtaining plans and specifications. We pre-qualified a total of nine (9) plan holders, with nine (9) plan holders submitting bids, which were opened on June 10, 2020. The Engineer's Estimate of Probable Cost is shown on the attached bid tab.

Baxter & Woodman has reviewed the bids and recommends award to Austin Tyler Construction, Inc., of Elwood, Illinois as the lowest responsible, responsive bidder, with a bid price of \$134,691.00. Their recommendation letter is attached.

Baxter & Woodman has worked successfully with this contractor on similar projects, and have a high degree of confidence in their ability to complete the project.

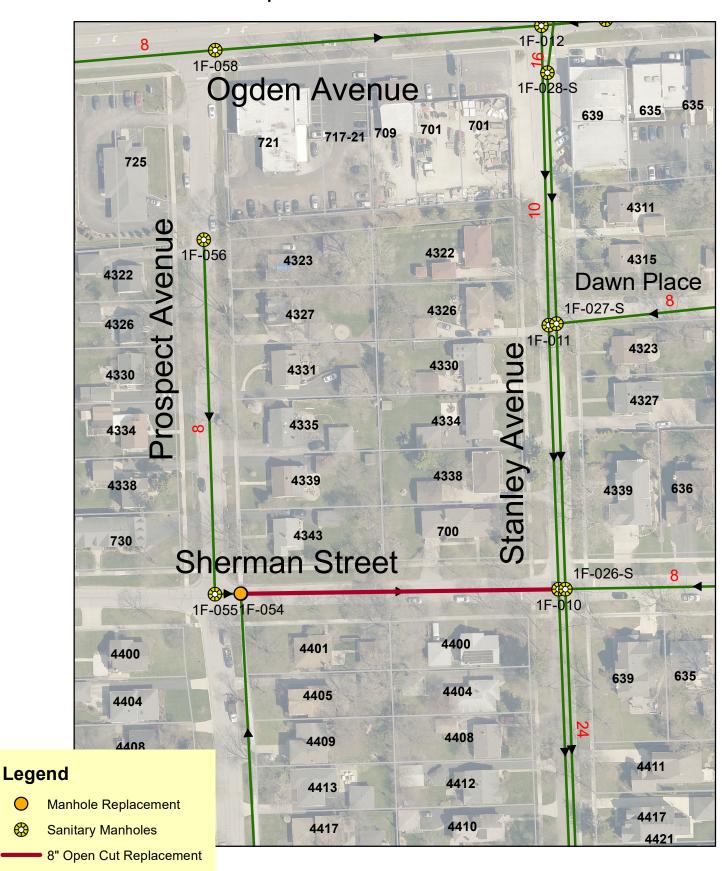
I recommend Staff seek approval from the Board of Trustees to award the 2020 Sherman Street Sanitary Sewer Replacement Contract in the amount of \$134,691.00 to the lowest responsible, responsive bidder, Austin Tyler Construction, Inc., of Elwood, Illinois, and for the General Manager and Assistant Clerk to sign the same.

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



Sanitary Mainlines

Downers Grove Sanitary District 2020 Sanitary Sewer Rehabilitation 347' of 8" Open Cut sewer Replacement Replacement of 1 Manhole



Downers Grove Sanitary District 2020 Sherman Street Sanitary Sewer Rehabilitation

Bid Date/Time: June 10, 2020 / 1:00 PM Engineer's Job No. 200411.40

| | | | | Engine | er's Estimate | | er Con | estruction, Inc, | H. Lin | nden & Sons S Ind Pland | C. | and Water, | Unique Plum Brook | nbing C | , | Fox Exca | avating, avia, IL | |
|------|---|------|-----|-------------|---------------|-------------|--------|------------------|--------|-------------------------------|----|------------|----------------------|----------|-----------|-----------|----------------------|-----------|
| No. | Item | Unit | QTY | Unit | Total | Unit | | Total | | Unit | | Total | Unit | | Total | Unit | \perp | Total |
| | | | | Price | Price | Price | | | F | Price | | | Price | <u> </u> | | Price | | |
| 1.2 | REMOVE AND REPLACE SANITARY SEWER | | | | | | | | | | | | | <u> </u> | | | | |
| | 10-inch PVC, SDR-26, ASTM D2241 | | | | | | | | | | | | | | | | 4 | |
| | 0-8 feet deep | FOOT | 350 | \$ 170.00 | 59,5 | 00 \$ 73 | .00 | \$ 25,550.00 | \$ | 78 | \$ | 27,300.00 | \$ 80 | \$ | 28,000.00 | \$ 165 | \$ | 57,750.00 |
| 1.3 | REMOVE AND REPLACE SANITARY SEWER MANHOLES: | = | | | | | | | _ | | _ | | | <u> </u> | | | | |
| | 4-foot dia, 0-8 feet deep | EACH | 1 | 7 ., | | * -, | | \$ 3,750.00 | | 500 | | 500.00 | \$ 5,900 | | -, | \$ 5,000 | | 5,000.00 |
| | CONNECTION TO EXISTING MANHOLE | EACH | 1 | \$ 4,500.0 | \$ 4,5 | 00 \$ 2,250 | .00 | \$ 2,250.00 | \$ | 1,200 | \$ | 1,200.00 | \$ 650 | \$ | 650.00 | \$ 2,000 | \$ | 2,000.00 |
| 1.5 | SEWER TELEVISING FOR FINAL INSPECTION: | | | | | | | | | | | | | | | | | |
| | 10-inch | FOOT | 350 | \$ 5.00 |) \$ 1,7 | 50 \$ 5 | .00 \$ | \$ 1,750.00 | \$ | 5 | \$ | 1,750.00 | \$ 4 | \$ | 1,400.00 | \$ 11 | \$ | 3,850.00 |
| 1.6 | GRANULAR BACKFILL: | | | | | | | | | | | | | | | | | |
| | Sanitary Sewer: | | | | | | | | | | | | | | | | | |
| | 0-8 feet deep, 10-inch dia. | FOOT | 350 | \$ 75.00 |) \$ 26,2 | 50 \$ 25 | .00 \$ | \$ 8,750.00 | \$ | 32 | \$ | 11,200.00 | \$ 40 | \$ | 14,000.00 | \$ 25 | \$ | 8,750.00 |
| | Storm Sewer | | | | | | | | | | | | | | | | \perp | |
| | 0-8 feet deep, 12-inch dia. | FOOT | 30 | \$ 55.00 |) \$ 1,6 | 50 \$ 25 | .00 \$ | \$ 750.00 | \$ | 25 | \$ | 750.00 | \$ 40 | \$ | 1,200.00 | \$ 30 | \$ | 900.00 |
| 1.7 | REMOVE AND REPLACE STORM SEWER AND STRUCTURES | | | | | | | | | | | | | | | | | |
| | 12-inch PVC | FOOT | 22 | \$ 130.00 |) \$ 2,8 | 50 \$ 53 | .00 \$ | \$ 1,166.00 | \$ | 74 | \$ | 1,628.00 | \$ 92 | \$ | 2,024.00 | \$ 100 | \$ | 2,200.00 |
| 1.8 | PAVEMENT RESTORATION: | | | | | | | | | | | | | | | | | |
| | HMA Binder Trench Patch, 6" | SQYD | 400 | | | | .00 | \$ 26,000.00 | | 62 | • | 24,800.00 | | | 28,000.00 | | | 22,000.00 |
| | Polymerized Leveling Binder (Machine Method), IL-4.75, N50, 0.75" | SQYD | 990 | | | · · · · | .00 | , , , , , , , | \$ | 15 | • | 14,850.00 | \$ 19 | \$ | 18,315.00 | • | \$ | 15,840.00 |
| | Hot-Mix Asphalt Surface Course, Mix "D", N50, 1.25" | SQYD | 990 | | 34,6 | 50 \$ 18 | .00 3 | \$ 17,820.00 | \$ | 15 | \$ | 14,850.00 | \$ 19 | \$ | 18,810.00 | \$ 9 | \$ | 8,910.00 |
| | Sidewalk | SQFT | 900 | | | | .50 | | | 10 | • | 9,000.00 | | | 9,450.00 | | \$ | 10,800.00 |
| | Combination Curb and Gutter | FOOT | 20 | \$ 50.00 | | | .00 | \$ 1,500.00 | \$ | 100 | \$ | 2,000.00 | \$ 50 | \$ | 1,000.00 | \$ 100 | \$ | 2,000.00 |
| | Aggregate Shoulder | CUYD | 250 | | | | .00 | , , , , , , , | | 10 | • | 2,500.00 | \$ 20 | \$ | 5,000.00 | | \$ | 2,500.00 |
| | Detectable Warnings | SQFT | 80 | \$ 55.00 | \$ 4,4 | 00 \$ 15 | .00 | \$ 1,200.00 | \$ | 42 | \$ | 3,360.00 | \$ 40 | \$ | 3,200.00 | \$ 30 | \$ | 2,400.00 |
| | Thermoplastic Pavement Markings | SQFT | 24 | \$ 30.00 |) \$ 7 | 20 \$ 12 | .50 | \$ 300.00 | \$ | 400 | \$ | 9,600.00 | \$ 160 | \$ | 3,840.00 | \$ 30 | \$ | 720.00 |
| 1.9 | LAWN AND PARKWAY RESTORATION | | | | | | | | | | | | | | | | | |
| | 4-inch Topsoil and Sod | SQYD | 50 | \$ 17.00 |) \$ 8 | 50 \$ 40 | .00 | \$ 2,000.00 | \$ | 35 | \$ | 1,750.00 | \$ 66 | \$ | 3,300.00 | \$ 50 | \$ | 2,500.00 |
| 1.10 | EROSION AND SEDIMENTATION CONTOL | | | | | | | | | | | | | | | | | |
| | Inlet Protection Filters | EACH | 15 | \$ 200.00 | 3,0 | 00 \$ 95 | .00 | \$ 1,425.00 | \$ | 140 | \$ | 2,100.00 | \$ 115 | \$ | 1,725.00 | \$ 200 | \$ | 3,000.00 |
| | Compost Filter Log | FOOT | 600 | \$ 15.00 | 9,0 | 00 \$ 8 | .00 \$ | \$ 4,800.00 | \$ | 10 | \$ | 6,000.00 | \$ 5 | \$ | 2,940.00 | \$ 5 | \$ | 3,000.00 |
| 1.11 | TREE ROOT PRUNING | EACH | 6 | \$ 250.00 |) \$ 1,5 | 00 \$ 75 | .00 | \$ 450.00 | \$ | 110 | \$ | 660.00 | \$ 250 | \$ | 1,500.00 | \$ 120 | \$ | 720.00 |
| 1.12 | TREE PROTECTION FENCING | FOOT | 560 | \$ 10.00 | 5,6 | 00 \$ 3 | .50 | \$ 1,960.00 | \$ | 8 | \$ | 4,480.00 | \$ 20 | \$ | 11,200.00 | \$ 10 | \$ | 5,600.00 |
| 1.13 | TRAFFIC CONTROL AND PROTECTION: | LSUM | 1 | \$ 45,000.0 | \$ 45,0 | 00 \$ 7,500 | .00 | \$ 7,500.00 | \$ | 18,000 | \$ | 18,000.00 | \$ 3,500 | \$ | 3,500.00 | \$ 10,000 | \$ | 10,000.00 |
| | | | | | | | | | | | | | | | | _ | | |

Engineer's Estimate of Cost

Bidder's Proposal as read Bidder's Proposal as corrected \$289,610

As-Read As-Corrected (134,691.00) As-Read (134,691.00) As-Corrected \$ 158,278.00 As-Read \$ 158,278.00 As-Corrected

Corrected \$

\$ 164,954.00 As-Read \$ 164,954.00 As-Corrected \$ 167,940.00 \$ 170,440.00

Lowest Responsible, Responsive Bidder

| | | | | Copenhaver C | onstruction, erts, IL | Inc. | Mauro Sewer C | | , . | Mid- | -America E Auro | 0, | Services | Performance Con | structio ino, IL | n Engineering | Ur | no Construct | | |
|------|---|------|-----|--------------|--------------------------|----------|---------------|----|-----------|------|--------------------|----|-----------|-----------------|---------------------|---|----|--------------|----|-----------|
| No. | Item | Unit | QTY | Unit | To | tal | Unit | | Total | U | Jnit | | Total | Unit | | Total | U | Init | | Total |
| | | | | Price | | | Price | | | Pr | rice | | | Price | | | Pi | rice | | |
| 1.2 | REMOVE AND REPLACE SANITARY SEWER | | | | | | | | | | | | | | | | | | | |
| | 10-inch PVC, SDR-26, ASTM D2241 | | | | | | | | | | | | | | | | | | | |
| | 0-8 feet deep | FOOT | 350 | \$ 136 | \$ 4 | 7,600.00 | \$ 155 | \$ | 54,250.00 | \$ | 227 | \$ | 79,310.00 | \$ 90 | \$ | 31,500.00 | \$ | 285 | \$ | 99,750.00 |
| 1.3 | REMOVE AND REPLACE SANITARY SEWER MANHOLES: | | | | | | | | | | | | | | | | | | | |
| | 4-foot dia, 0-8 feet deep | EACH | 1 | \$ 4,500 | \$ | 4,500.00 | \$ 12,950 | \$ | 12,950.00 | \$ | 6,050 | \$ | 6,050.00 | \$ 8,000 | \$ | 8,000.00 | \$ | 7,000 | \$ | 7,000.00 |
| 1.4 | CONNECTION TO EXISTING MANHOLE | EACH | 1 | \$ 3,200 | \$ | 3,200.00 | \$ 2,100 | \$ | 2,100.00 | \$ | 5,060 | \$ | 5,060.00 | \$ 8,000 | \$ | 8,000.00 | \$ | 500 | \$ | 500.00 |
| 1.5 | SEWER TELEVISING FOR FINAL INSPECTION: | | | | | | | | | | | | | | | | | | | |
| | 10-inch | FOOT | 350 | \$ 10 | \$ | 3,500.00 | \$ 5 | \$ | 1,750.00 | \$ | 6 | \$ | 1,925.00 | \$ 4 | \$ | 1,400.00 | \$ | 10 | \$ | 3,500.00 |
| 1.6 | GRANULAR BACKFILL: | | | | | | | | | | | | | | | | | | | |
| | Sanitary Sewer: | | | | | | | | | | | | | | | | | | | |
| | 0-8 feet deep, 10-inch dia. | FOOT | 350 | \$ 28 | \$ | 9,800.00 | \$ 25 | \$ | 8,750.00 | \$ | 55 | \$ | 19,250.00 | \$ 48 | \$ | 16,800.00 | \$ | 55 | \$ | 19,250.00 |
| | Storm Sewer | | | | | | | | | | | | | | | · | | | | |
| | 0-8 feet deep, 12-inch dia. | FOOT | 30 | \$ 30 | \$ | 900.00 | \$ 25 | \$ | 750.00 | \$ | 55 | \$ | 1,650.00 | \$ 48 | \$ | 1,440.00 | \$ | 65 | \$ | 1,950.00 |
| 1.7 | REMOVE AND REPLACE STORM SEWER AND STRUCTURES | | | | | | | | | | | | | | | · | | | | |
| | 12-inch PVC | FOOT | 22 | \$ 85 | \$ | 1,870.00 | \$ 115 | \$ | 2,530.00 | \$ | 120 | \$ | 2,640.00 | \$ 150 | \$ | 3,300.00 | \$ | 95 | \$ | 2,090.00 |
| 1.8 | PAVEMENT RESTORATION: | | | | | | | | | | | | | | | · | | | | |
| | HMA Binder Trench Patch, 6" | SQYD | 400 | \$ 51 | \$ 2 | 0,400.00 | \$ 69 | \$ | 27,600.00 | \$ | 56 | \$ | 22,540.00 | \$ 55 | \$ | 22,000.00 | \$ | 62 | \$ | 24,900.00 |
| | Polymerized Leveling Binder (Machine Method), IL-4.75, N50, 0.75" | SQYD | 990 | \$ 15 | \$ 1 | 4,850.00 | \$ 9 | \$ | 8,910.00 | \$ | 8 | \$ | 8,316.00 | \$ 15 | \$ | 14,850.00 | \$ | 17 | \$ | 16,335.00 |
| | Hot-Mix Asphalt Surface Course, Mix "D", N50, 1.25" | SQYD | 990 | \$ 15 | \$ 1. | 4,850.00 | \$ 12 | \$ | 11,880.00 | \$ | 10 | \$ | 10,048.50 | \$ 17 | \$ | 16,335.00 | \$ | 17 | \$ | 16,830.00 |
| | Sidewalk | SQFT | 900 | \$ 7 | \$ | 6,300.00 | \$ 15 | \$ | 13,500.00 | \$ | 8 | \$ | 7,605.00 | \$ 12 | \$ | 10,800.00 | \$ | 17 | \$ | 14,850.00 |
| | Combination Curb and Gutter | FOOT | 20 | \$ 70 | \$ | 1,400.00 | \$ 150 | \$ | 3,000.00 | \$ | 85 | \$ | 1,700.00 | \$ 48 | \$ | 960.00 | \$ | 55 | \$ | 1,100.00 |
| | Aggregate Shoulder | CUYD | 250 | \$ 33 | \$ | 8,250.00 | \$ 25 | \$ | 6,250.00 | \$ | 12 | \$ | 3,000.00 | \$ 20 | \$ | 5,000.00 | \$ | 30 | \$ | 7,500.00 |
| | Detectable Warnings | SQFT | 80 | \$ 30 | \$ | 2,400.00 | \$ 50 | \$ | 4,000.00 | \$ | 33 | \$ | 2,600.00 | \$ 35 | \$ | 2,800.00 | \$ | 40 | \$ | 3,200.00 |
| | Thermoplastic Pavement Markings | SQFT | 24 | \$ 65 | \$ | 1.560.00 | \$ 110 | \$ | 2,640.00 | \$ | 110 | \$ | 2.640.00 | \$ 100 | \$ | 2,400.00 | \$ | 165 | \$ | 3.960.00 |
| 1.9 | LAWN AND PARKWAY RESTORATION | | | | | , | * | | , | | | Ť | , | | Ť | , | • | | | |
| | 4-inch Topsoil and Sod | SQYD | 50 | \$ 12 | \$ | 600.00 | \$ 79 | \$ | 3.950.00 | \$ | 45 | \$ | 2.250.00 | \$ 65 | \$ | 3,250.00 | \$ | 95 | \$ | 4,750.00 |
| 1.10 | EROSION AND SEDIMENTATION CONTOL | | | | <u> </u> | | | Ť | -, | | | • | , | | Ť | -, | | | | |
| | Inlet Protection Filters | EACH | 15 | \$ 60 | \$ | 900.00 | \$ 115 | \$ | 1,725.00 | \$ | 230 | \$ | 3,450.00 | \$ 125 | \$ | 1,875.00 | \$ | 50 | \$ | 750.00 |
| | Compost Filter Log | FOOT | 600 | | | 7,200.00 | \$ 16 | | 9,600.00 | | 6 | | 3,450.00 | • | \$ | 3,000.00 | • | 4 | • | 2,400.00 |
| 1.11 | TREE ROOT PRUNING | EACH | 6 | | | 240.00 | \$ 200 | | 1,200.00 | | 395 | _ | 2.370.00 | \$ 150 | \$ | 900.00 | | 200 | \$ | 1,200.00 |
| | TREE PROTECTION FENCING | FOOT | 560 | \$ 3 | \$ | 1,680.00 | | \$ | 3,360.00 | | 6 | _ | 3,360.00 | | - | 5,600.00 | _ | 8 | | 4,480.00 |
| 1.13 | TRAFFIC CONTROL AND PROTECTION: | LSUM | 1 | \$ 45,000 | \$ 4 | 5,000.00 | \$ 18,250 | \$ | 18,250.00 | \$ | 15,500 | \$ | 15,500.00 | • | \$ | 48,000.00 | | 25,000 | \$ | 25,000.00 |
| | | | | , ,,,,,,,, | | ., | , | Ť | -, | • | ., | • | -,-00.00 | | Ť | -,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 1,000 | • | |

Engineer's Estimate of Cost Bidder's Proposal as read Bidder's Proposal as corrected

As-Read \$ 197,000.00 As-Read \$ 198,945.00 As-Read \$ 204,714.50 As-Read \$ 208,210.00 As-Read \$ 261,295.00 As-Corrected \$ 197,000.00 As-Corrected \$ 198,945.00 As-Corrected \$ 204,714.50 As-Corrected \$ 208,210.00 As-Corrected \$ 261,295.00



June 12, 2020

President and Board of Trustees Downers Grove Sanitary District 2710 Curtiss Street P.O. Box 1412 Downers Grove, Illinois 60515

Attention: Mrs. Amy R. Underwood, P.E., General Manager

RECOMMENDATION TO AWARD

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

Dear President and Trustees:

The following bids were received for the Project on June 10, 2020:

| <u>Bidder</u> | Bid Amount |
|---|-------------------|
| Austin Tyler Construction, Inc. Elwood, Illinois | \$134,691.00 |
| H. Linden & Sons Sewer and Water, Inc. Plano, Illinois | \$158,278.00 |
| Unique Plumbing Co., Inc. Brookfield, Illinois | \$164,954.00 |
| Fox Excavating, Inc. Batavia, Illinois | \$170,440.00 |
| Copenhaver Construction, Inc. Gilberts, Illinois | \$197,000.00 |
| Mauro Sewer Construction, Inc. Des Plaines, Illinois | \$198,945.00 |
| Mid America Energy Service Aurora, Illinois | \$204,714.50 |
| Performance Construction & Engineering, LLC Plano, Illinois | \$208,210.00 |



Uno Construction Co. Inc. Downers Grove, Illinois \$261,695.00

Our pre-bid opinion of probable cost for the project was \$289,610.

We have analyzed each of the bids and find Austin Tyler Construction, Inc. to be the lowest, responsible, and responsive bidder. Based on our prior experience with this bidder, and their experience completing similar projects, we believe that Austin Tyler Construction, Inc. is qualified to complete the project.

We recommend award of the Contract to Austin Tyler Construction, Inc. in the amount of \$134,691.00. The bid tabulation is enclosed for your files.

Please advise me of your decision.

Soulf Wold

Sincerely,

BAXTER & WOODMAN, INC. CONSULTING ENGINEERS

Derek J. Wold, P.E., BCEE

Vice-President / Water-Wastewater Group Leader

Enc.

 $I: \c Lake \c DGSD1\c 200411-Sherman Sewer\c 40-Design\c 12-Bidding\c Award_Recommend_2020Sherman St Swr. document\c 12-Bidding\c 12-$

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



General Manager Amy R. Underwood

Legal Counsel
Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

MEMO

TO: Amy Underwood, General Manager FROM: Alex Bielawa, Staff Engineer

DATE: July 16, 2020

SUBJECT: Contract Award, Painting Services

This year, we budgeted \$100,000 to paint the submerged metals and other areas of two of our secondary clarifiers and their accessories, building interiors, and other miscellaneous areas around the treatment center.

The project was advertised for bidding, and six (6) plan holders submitting bids, which were opened on July 14, 2020. The District's budget for each item is shown on the attached bid tab.

ATP Enterprise Group, Inc. of Northfield, Illinois submitted the lowest bid at \$94,000.00. Staff has determined that ATP Enterprise Group, Inc. of Northfield, Illinois is not qualified to perform this type of work. The Statement of Experience provided with their bid proposal had a lack of industrial experience on similar type projects. Sherwin-Williams, the paint manufacturer, also indicated in the attached memo that ATP Enterprise Group, Inc. is classified as a Home Remodeler and assigned to a residential sales representative.

The second lowest bid was provided by G.P. Maintenance service who has performed several projects for the District in the past. They have always provided quality work.

I recommend Staff seek approval from the Board of Trustees to award the 2020 Painting Services Contract in the amount of \$121,000.00 to the lowest responsible, responsive bidder, G.P. Maintenance Services, Inc., of Palos Hills, Illinois, and for the General Manager and Assistant Clerk to sign the same.

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

DOWNERS GROVE SANITARY DISTRICT 2020 PAINTING SERVICES BID TABULATION BID OPENING: TUESDAY, JULY 14, 2020 @ 10:00 AM

| | Г | DGSD Budget | ATP Enterprise Group, Inc. | Champion Painting Specialty Corp. | Era-Valdivia Contractors, Inc. | Tecorp, Inc. | Capital Industrial Coatings, LLC | G.P. Maintenance Services, Inc. |
|--|---------------------------|--------------|----------------------------|-----------------------------------|--------------------------------|--------------|----------------------------------|---------------------------------|
| | 1 | DOSD Budget | Northfield, IL | Fort Lauderdale, FL | Chicago, IL | Joliet, IL | Hammond, IN | Palos Hills, IL |
| ITEM | | | | | | | | |
| No.1- Secondary Clarit | ier #3 | \$25,000.00 | \$24,000.00 | \$40,000.00 | \$38,000.00 | \$62,000.00 | \$44,900.00 | \$40,000.00 |
| No.2- Secondary Clarit | ier #4 | \$25,000.00 | \$24,000.00 | \$40,000.00 | \$38,000.00 | \$62,000.00 | \$45,900.00 | \$40,000.00 |
| No.3- Sluice Gate Pedestals & Related Co | nduits & Junction Boxes | \$15,000.00 | \$5,000.00 | \$6,000.00 | \$5,000.00 | \$14,000.00 | \$7,850.00 | \$6,000.00 |
| No.4- Underground Tunnel (Between Blowe | Building & Division Box 3 | \$35,000.00 | \$41,000.00 | \$38,000.00 | \$58,000.00 | \$60,000.00 | \$75,400.00 | \$35,000.00 |
| | | \$100,000.00 | \$94,000.00 | \$124,000.00 | \$139,000.00 | \$198,000.00 | \$174,050.00 | \$121,000.00 |



Sherwin-Williams 920 S Jefferson St. Chicago, IL 60607

July 14, 2020

Mr. Jeff Barta
Downers Grove Sanitary District
2710 Curtiss St.
Downers Grove, IL 60515

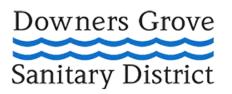
Re: ATP Enterprises

Jeff.

I wanted to respond to your inquiry in regard to ATP Enterprises. I looked up the contractor and they are classified as a Home Remodeler when you search their business online. They are assigned to a residential sales representative from Sherwin Williams. In addition, I see no history of them purchasing Sherwin Williams Protective Coatings for any wastewater or industrial applications.

Sincerely,

Don Berry Sherwin Williams Protective & Marine Representative Water & Waste Water Specialist NACE Coatings Inspector Level 3 Certified # 50014 Cell # 312-590-5744 Board of Trustees
Wallace D. Van Buren
President
Amy E. Sejnost
Vice President
Paul W. Coultrap
Clerk



General Manager Amy R. Underwood

Legal CounselMichael G. Philipp

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

Providing a Better Environment for South Central DuPage County

MEMO

TO: Board of Trustees

FROM: Amy R. Underwood, General Manager

DATE: July 17, 2020

RE: 2020 Open House

Regretfully, District Staff has decided to cancel the 2020 Open House. Providing tours of the wastewater treatment center was the only regular Open House activity which staff felt we may be able to do while following the safety guidelines for Phase 4 of Restore Illinois, and even then the tours would have to be limited in numbers and with a modified route to meet the guidelines. With the recent rise in COVID cases across the country, Staff was also concerned that Illinois may be under stricter Restore Illinois guidelines in September, necessitating the District to cancel the Open House anyway.

This memo is provided for information only. No action is required by the Board on this matter at the July Board meeting.

C: BOLI, WCC, MGP

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

BOARD OF LOCAL IMPROVEMENTS DOWNERS GROVE SANITARY DISTRICT

PROPOSED AGENDA July 21, 2020 6:00 p.m.

- I. Election of Officers
- II. Approve Minutes of July 16, 2019
- III. Public Comment
- IV. P699: 6000 Woodward Avenue, Downers Grove Single Family Home

PLEASE NOTE:

President Kenneth J. Rathje of the Downers Grove Sanitary District Board of Local Improvements has determined, in compliance with Senate Bill 2135 signed into law by Governor Pritzker on June 12, 2020, the following:

- 1) The Governor has issued a disaster declaration related to public health concerns and all or part of the District's jurisdiction is covered by the disaster area; and
- 2) That an in-person meeting for this regular meeting of the District's Board of Local Improvements scheduled to take place on Tuesday, July 21 at 6:00 p.m. is not practical or prudent because of a disaster.

The District shall comply with all other Open Meetings Act provisions referenced in Senate Bill 2135 in the holding of its special Board of Local Improvements meeting on July 21, 2020 at 6:00 p.m.

Therefore, in accordance with Senate Bill 2135, this Board meeting will be conducted electronically through Zoom. Public may virtually attend this meeting using any of the links or phone numbers provided below.

Please click the link below to join the webinar:

https://us02web.zoom.us/j/85306386953?pwd=ZDZRaXhhWjY3L0JYenJGRW4zdllzUT09

Password: 844453

Or iPhone one-tap:

US: +13126266799,,85306386953#,,,,0#,,844453# or +16465588656,,85306386953#,,,,0#,,844453#

Or Telephone:

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

US: +1 312 626 6799 or +1 646 558 8656 or +1 301 715 8592 or +1 346 248 7799 or +1 669 900 9128 or +1 253 215 8782

Webinar ID: 853 0638 6953

Password: 844453



DOWNERS GROVE SANITARY DISTRICT M E M O

DATE: July 16, 2020

TO: BOARD OF LOCAL IMPROVEMENTS

FROM: Amy R. Underwood General Manager

RE: Election of BOLI officers Subsequent to May 2020 Appointments

On May 19, 2020, the Board of Trustees re-appointed the members of the Board of Local Improvements. The BOLI will need to elect officers at the next subsequent meeting which is scheduled for July 21, 2020. The following excerpt of minutes is from the last time the Election of BOLI officers was held for your reference.

Election of Officers

A motion was made by Jungwirth seconded by Rathje nominating Kenneth J. Rathje as President of the Board of Local Improvements, closing the nominations and electing Kenneth J. Rathje as President. The motion carried. (Votes recorded: Ayes–Rathje and Jungwirth.) A motion was made by Rathje seconded by Jungwirth nominating Robert T. Jungwirth as Vice President, closing the nominations, and electing Robert T. Jungwirth as Vice President. The motion carried. (Votes recorded: Ayes–Rathje and Jungwirth.) A motion was made by Rathje seconded by Jungwirth nominating Mark Scacco as Clerk, closing the nominations, and electing Mark Scacco as Clerk. The motion carried. (Votes recorded: Ayes–Rathje and Jungwirth.)

cc: WDVB, AES, PWC, KWS, WCC, and MGP

BOARD OF LOCAL IMPROVEMENTS MINUTES

July 16, 2019

A meeting of the Board of Local Improvements of the Downers Grove Sanitary District was held on Tuesday, July 16, 2019. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were Board Members Kenneth J. Rathje and Robert T. Jungwirth, Administrative Supervisor W. Clay Campbell, Sewer Inspector Keith W. Shaffner, Information Coordinator Alyssa J. Caballero, Trustees Wallace D. Van Buren, Amy E. Sejnost and Paul W. Coultrap. Board Member Mark J. Scacco was absent. President Rathje called the meeting to order at 6:45 p.m.

Election of Officers

A motion was made by Jungwirth seconded by Rathje nominating Kenneth J. Rathje as President of the Board of Local Improvements, closing the nominations and electing Kenneth J. Rathje as President. The motion carried. (Votes recorded: Ayes—Rathje and Jungwirth.) A motion was made by Rathje seconded by Jungwirth nominating Robert T. Jungwirth as Vice President, closing the nominations, and electing Robert T. Jungwirth as Vice President. The motion carried. (Votes recorded: Ayes—Rathje and Jungwirth.) A motion was made by Jungwirth seconded by Rathje nominating Mark J. Scacco as Clerk, closing the nominations, and electing Mark J. Scacco as Clerk. The motion carried. (Votes recorded: Ayes—Rathje and Jungwirth.)

Minutes of May 21, 2019 Meeting

A motion was made by Jungwirth seconded by Rathje approving the minutes of the meeting held on March 19, 2019. The motion carried.

Public Comment – None

P698 – 1 W. Quincy Street, Westmont

The Board reviewed a request for sanitary sewer service from Drew Mitchell of Holladay Properties, developer, for 5 story, 94 unit mixed use building on a 1.29 gross acre parcel at 1 W. Quincy Street, Westmont. The property is within the District's Facilities Planning Area, and is within the District's current corporate limits. The proposed use will generate an estimated wastewater flow of 19,400 gallons per day or a density of 149.23 PE per acre. The District's design allocation for this site is 25 PE per acres. The flow estimate is based on 76 one bedroom residential units, 18 two bedroom units and a 3,400 square foot restaurant. The flow factors are 150 gallons per day for one bedroom units and 300 gallons per day for two bedroom units. The 3,400 square foot 65 seat restaurant flow estimate is based on a flow factor of 40 gallons per day per seat. Service can be provided to this project by extension of the public sewer main from the existing District sewer located in the alley to the west of the project. A portion of the public alley will be vacated by the Village of Westmont and the sanitary sewer main in that portion will be removed due to the larger scale of the proposed building. The portion of the sanitary main that will be removed has no upstream flow and no other private service connection. The downstream trunk sewers have adequate reserve capacity to serve this request. Staff recommended approval of this request. A motion was made by Jungwirth seconded by Rathje approving this request subject to annexation, to a maximum flow of 13.47 gallons per minute (19,400 gallons per day), receipt of an Illinois EPA permit, construction of public sewer main extension, the granting of the sewer easements, payment of all fees per ordinance, compliance with

| all District ordinances, and standard conditions. Th and Jungwirth.) | e motion carried. (Votes recorded: Ayes-Rathje |
|--|---|
| Upon a motion by Jungwirth seconded by Rathje, the carried. | e meeting was adjourned at 7:03 p.m. The motion |
| Approved: July 21, 2020 | |
| Attest: Clerk | President |

BOARD OF LOCAL IMPROVEMENTS July 21, 2020 STAFF BRIEFING

P696: 6000 Woodward Avenue, Downers Grove

REQUEST:

Bronius Bekstas, owner, is requesting sanitary sewer service for a new single family home on a 0.51 gross acre parcel at the above location. The property is within the District's Facilities Planning Area (FPA), but it is not within the District's current corporate limits. The proposed project is estimated to generate wastewater flows of 350 gallons per day, which is the standard flow estimate for a single family home. This would result in a density of 6.86 PE per acre, which is within the District's design allocation of 10 PE per acre for residential parcels.

SUMMARY:

Service can be provided to this property by extension of the District sewers located on Woodward Avenue. The proposed sewer design complies with the Sanitary District's Unsewered Area Plan. The downstream trunk sewers have adequate reserve capacity to serve this request. Staff recommends approval of this request subject to annexation, receipt of an Illinois EPA permit, construction of the necessary sewer extension, payment of all fees per ordinance, compliance with all District ordinances and standard conditions.

P699

DOWNERS GROVE SANITARY DISTRICT 2710 CURTISS STREET DOWNERS GROVE, ILLINOIS 60515 (630) 969-0664

SANITARY SEWER SERVICE REQUEST

| Legal Description Lot 10 Block 21 | Subdivision Downers Grove Gardens |
|--|---|
| | P.I.N. 08-13-409-028-0000 |
| Name of Owner on Deed Bronius Bekstas | Phone No. 773-875-2631 |
| Developer Bronius Bekstas | Phone No. 773-875-2631 |
| Name of Person Making Request Bronius Bekstas | Phone No. 773-875-2631 |
| E mail: stevensbek@gmail.com | |
| Address (we will be sending information regarding this reques | st; please be sure address is legible) |
| 10831 Major ave Chicago ridge, IL 60415 | |
| This Applicant's Interest in This Property 6000 Woodward (Owner/Development) | d Ave Downers Grove, IL 60516 eloper/Beneficiary Land Trust, etc.) |
| Number of Acres Involved 0.46 Present Zoning r-4 | Proposed Zoning |
| Is the Property (A) Improved Yes | (B) Vacant |
| (A) If Improved, Describe Improvements New single fam | nily residents |
| | |
| Number & Type of Units 1 single family home | |
| | re Proposed Describe not apply |
| (B) If Vacant or Additional Improvements or Remodeling Ar | te i Toposed, Describe |
| (B) If Vacant or Additional Improvements or Remodeling Ar | te Troposed, Desertoe |
| | |
| | & Type of Units not apply |

- **NOTE**: If this request is for
- a multiple family development, indicate the number of units for each bedroom count.
- a restaurant, indicate the seating capacity and hours of operation. If drive-up is proposed, give the number of orders per day.
- a commercial project, indicate the floor area.
- an office/warehouse or light manufacturing development, indicate the floor area.
- an office/research development, indicate the floor area and number of employees.
- commercial/industrial buildings(s), provide an estimate of wastewater flow in gallons per day
 - **SERVICE REQUEST APPROVALS ARE VALID FOR SIX MONTHS**

Downers Grove Sanitary District Board of Local Improvements 6000 Woodward Avenue P699

| | | | | 5040 |
|------|------|-------------|---------------------------|------|
| 5911 | 5920 | | 5919 | 5912 |
| 5915 | 5924 | | 5925 | 5914 |
| 5917 | 5928 | WOC | 5927 | 5918 |
| 5939 | 5952 | WOODWARD AV | 5929 | 5918 |
| 5943 | 6000 | 9 | 110' Sewer Extension 6001 | 6000 |
| 5947 | 6004 | | 6003 | 6010 |
| | 6006 | H2-1 | 73 6005 | 6014 |
| 5951 | 0000 | | | |
| 6001 | 6008 | | 6005 | 6018 |
| | 6010 | \ | 6013 | 6020 |
| 6005 | 6016 | | 6015 | 6022 |
| 6015 | 6020 | | 6019 | 6030 |
| 6015 | 6024 | H2- | 6023 | 6036 |
| 0010 | 0024 | | | 6050 |

Legend



Sanitary Manholes

→ Sanitary Sewer

DGSD Boundary





PLAT OF SURVEY Associated Surveying Group, LLC Illinois Prof. Design Firm No. 184-004973 Bolingbrook, IL 60440 P.O. Box 810 LOT 10 IN BLOCK 21 IN DOWNERS GROVE GARDENS, BEING A SUBDIVISION IN SECTION 13, TOWNSHIP 38 NORTH, RANGE 10, AND SECTION 18, TOWNSHIP 38 NORTH, RANGE 11, ALL EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 7, PH: 630-759-0205 FAX: 630-759-9291 1924 AS DOCUMENT 177390 IN DUPAGE COUNTY, ILLINOIS. LBI' S'LY 305.12'(1) FENCE BIP HLY AVENUE 35. BST 66,35'm/66.00'r) WOODWARD LOT 10 FENCE 686' N'LY-304.24'cm 35-2900 PROFESSIONAL CILAL SURVEYOR STATE OF WGBROO State of Illinois County of Will SS ASPHALT WALL CONCRETE I, Michael G. Herwy, an Illinois Professional Land Surveyor, do hereby certify that "This professional service conforms to the current WOODIPYC THE BRICK MITTY ENCLOSEDICOVERED Illinois minimum standards for a boundary survey", and that the Plat hereon drawn is a correct representation of said survey. SET O IRON SET • IRON PIPE + IRON • REBARROO -PIPE ••• PK NAILS AS NOTCH **AUGUST 3, 2018** A.D., 2018 at Bolingbrook, IL. FJELDWORK DATE: CHAIN LINK FENCE WOOD FENCE CHERNETZKI ALL OTHER FENCE TYPES CLIENT: A = ARC LENGTH Illinois Professional Land Surveyor No. 35-002900 NLY = NORTHERLY R = RADIUS CH = CHORD LENGTH License Expires: November 30, 2018 SLY = SOUTHERLY ELY = EASTERLY 80635-18 NOTES: 1. COMPARE THE LEGAL DESCRIPTION ON THIS PLAT WITH YOUR DEED, ABSTRACT, OR CERTIFICATE OF TITLE; ALSO, COMPARE ALL FIELD MEASURED LOT CONNERS & DULDING TIES WITH THIS PLAT BEFORE CONSTRUCTION AND REPORT ANY DIFFERENCE AT ONCE. 2. NO IMPROVEMENTS SHOULD BE ESTABLISHED PRIOR TO CONSTRUCTED ON THE BASIS OF THIS PLAT ALONE, FIELD MONUMENTATION OF CERTICAL POINTS SHOULD BE ESTABLISHED PRIOR TO CONSTRUCTION. 3. BUILDING LINES AND EASEMENTS ARE SHOWN ONLY WHERE THEY ARE SO DEPICTED ON THE RECORDED SUBDIVISION PLAT. REFER TO YOUR DEED, ASSTRACT, OR CERTIFICATE OF TITLE FOR ADDITIONAL ENCLOSED. 4. ALL DISTANCES ARE SHOWN IN FEET AND CECUMALS THEREOF, MEASURED LOT DIMENSIONS ARE SHOWN ONLY WHEN THEY DIFFER FROM RECORD DIMENSIONS BY 0.15 FEET OR MORE, 5. CURVED LINES DENOTED WITH ARC LENGTHS UNLESS OTHERWISE NOTED. ALL ARCS AME TANCENT UNLESS OTHERWISE NOTED. 6. AREA IS BASED ON MEASURED DISTANCES AT TIME OF SURVEY. WLY = WESTERLY TYP = TYPICAL (r) = RECORD VALUE (m) = NEASURED VALUE TYP B.S.L. = BUILDING SETBACK LINE P.U.E. = PUBLIC UTILITY EASEMENT P.U.D.E. = PUBLIC UTILITY & DRAINAGE EASEMENT

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Amy R. Underwood General Manager

FROM: W. Clay Campbell

Administrative Supervisor

DATE: July 17, 2020

RE: Progress Report – June, 2020

ADMINISTRATIVE

Personnel

Kenny Lookingbill, one of the District's two Laboratory Analysts, provided the District with a letter of resignation. His last day with the District will be July 31. The District is currently advertising for that position and hopes to have it filled by the end of August.

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

The Safety Committee did not meet in June due to the ongoing social distancing restrictions. Several new appointees were made to the District's Safety Committee for each department in order to refresh its members. Safety Coordinator Jessie Gwozdz coordinated and scheduled the Safety Committee's first virtual meeting via Zoom in early July involving these new members. The meeting was a success and another will be held in August. As well, Safety Coordinator Gwozdz has been deploying a new Training Portal for the District that will offer numerous online training resources for employees and working on replacing the District's Automatic External Defibrillators.

Local Records Disposal

The District performed its annual local records disposal process filing a request with the Illinois Secretary of State's Local Records Division office. Administration staff identified appropriate records that could be purged either because they have been digitized, were outside their retention period or staff determined there was no compelling business purpose for keeping the records.

Technology Update

Staff developed a Public Comment form that is now available on the District's website and offers the public with the option of submitting public comments online. District staff will read any public comments received in this manner at the next regular board meeting. The July board meeting will

be held in person at the District's Administration Center, but will also be streamed online to the public via Zoom.

Concentric Integration is continuing to assist the District with upgrading several of its servers to a newer operating system to ensure operability in the future and to continue to have support from Microsoft. This is still anticipated to be completed in July.

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

| # of Customers registered in the last month: | 70 |
|--|-------------|
| # of Customers paying their bills online in the last month: | 1,634 |
| Amount of Money processed through the Portal in the last month: | \$75,504.64 |
| # of Customers signing up for Autopay through the Portal in the last month: | 39 |
| # of Customers enrolled in paperless billing in the last month: | 35 |
| # of customers registered for pay by text in the last month: | 17 |
| Cost to District for providing Invoice Cloud service in the last month: | \$377.10 |
| Cost to District's customers (convenience fees) in the last month: | \$2,187.18 |
| Estimated Monthly savings from customers enrolled in paperless billing: | \$65.94 |
| | |
| # of Customers registered from launch through last month: | 4,860 |
| # of Customers signing up for Autopay through the Portal from launch through last month: | 1,387 |
| # of Customers enrolled in paperless billing from launch through last month: | 2,198 |
| # of customers registered for pay by text from launch through last month: | 1,471 |

FINANCIAL

Treasurer's Report and Investment Activity

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

User Billing

To alleviate potential hardships for the District's customers, Amy and I have decided to continue waiving any penalties for unpaid customer account balances in the months of June and July. We will be commencing the application of late fees and penalties after the next due date of August 14. Customers are being informed of this with an update on the District's website and social media channels. I assisted General Manager Underwood in the compilation of revenue data that was utilized in her memo to the board this month regarding provided revenue shortfalls for the current fiscal year.

Detailed billing information is attached to this report.

CODE ENFORCEMENT & UNSEWERED AREAS

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

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

Sewer Permitting Process

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

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

USER BILLING SUMMARY

User Charge System

Billings for June 2020 were as follows:

| User | \$238,839.97 |
|---------------------------------|--------------|
| Surcharge | 23,318.74 |
| Monthly fees | 351,103.80 |
| Total | \$613,262.51 |
| Summer Usage Adjustment | \$1,824.06 |
| Billable Flow | 133,702,239 |
| Budgeted Billable Flow | 137,569,159 |
| % Actual/Budgeted Billable Flow | 97.19% |
| YTD Billable Flow | 270,683,717 |
| YTD Budgeted Billable Flow | 289,220,292 |
| % Actual/Budgeted Billable Flow | 93.59% |

The user accounts receivable balance on 6/30/2020 is \$649,863.14 and consists of:

| Current charges due 6/15/20 | \$500,913.94 |
|------------------------------|--------------|
| Past due charges and penalty | 148,949.20 |
| Total | \$649,863.14 |

The past due charges represent:

| Age | <u>User Charges</u> | <u>Penalty</u> | <u>Totals</u> |
|----------------------------|---------------------|----------------|---------------|
| 30 days past due | \$39,703.96 | \$0.00 % | \$39,703.96 |
| 60 days past due | 39,672.95 | \$ 00.0 | 39,672.95 |
| 90 days & greater past due | 64,632.71 | 4,939.58 | 69,572.29 |
| | | | |
| Totals | \$144,009.62 | \$4,939.58 | \$148,949.20 |

^{*} No penalty was assessed on User Accounts in the months of May or June due to the current COVID-19 Pandemic

Summary of Past Due Charges (90 Days and Over)

Five Year Comparison

<u>June</u>

| <u>Year</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u> |
|-------------|---------------------|----------------|-------------------|
| 2020 | \$64,632.71 | \$4,939.58 | \$69,572.29 ***** |
| 2019 | 44,551.56 | 5,596.79 | 50,148.35 ***** |
| 2018 | 41,261.64 | 5,562.91 | 46,824.55 **** |
| 2017 | 30,550.45 | 4,019.68 | 34,570.13 *** |
| 2016 | 35,842.14 | 3,691.67 | 39,533.81 ** |

*****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

Twelve Months Ending June 2020

| Month Ending | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u> |
|--------------|---------------------|----------------|--------------|
| 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 |
| 7/31/19 | 44,335.90 | 5,529.97 | 49,865.87 |
| 6/30/19 | 44,551.56 | 5,596.79 | 50,148.35 |

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

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

To: Amy Underwood, General Manager

From: Marc Majewski, Operations Supervisor

Re: Month of June, 2020 WWTC Operations Report.

Date: July 17, 2020

Attached please find detailed operating data for June.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 9.46 MGD. Total precipitation at the WWTC was 4.44". There was 1 excess flow event during the month of June. There were 7 days of discharge over 11 mgd.
- Activated sludge: Operating performance was good throughout the month of June. Floc formers are predominating leading to good solids settling.
- Anaerobic Digesters: Pumped a total of 982,615 gallons of primary sludge, 506,890 gallons of WAS, and 230,596 gallons of waste grease for a total of 1,720,101 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 60.3% for June.
- Digester gas: Total digester gas production was 5,064,510 cubic feet. 72,656 cubic feet of gas was used for anaerobic digestion heat, and 3,194,291 cubic feet was used in the CHP facilities. 1,303,222 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 494,342 cubic feet of gas.
- Bio-solids: Bio-solid drying continues. Bio-mechanics distributed 255 dry tons in the month of June, with a year to date total of 479 dry tons distributed.
- Miscellaneous Items: Oscar Avila began seasonal employment June 9th.
- Electricity: Overall net energy from ComEd was: 127,389 KW-Hrs. Electricity Generated by the CHP system was 235,299 KW-Hrs. Monthly net energy (including natural gas usage) was 130 MW-Hrs for the month of June.

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

Downers Grove Sanitary District June 2020

| | WWTC Rainfall | B01 Parshall Flume Flow Max Mgd | B01 Parshall Flume Flow Min Mgd | B01 Parshall Flume Flow Avg Mgd | A01 Parshall Flume Flow Max Mgd | A01 Parshall Flume Flow Avg Mgd | C01 Int Clar #1 Flow Max Mgd | C01 Int Clar #1 Flow Avg Mgd | Outfall 003 Flow Max Mgd | Outfall 003 Flow Avg Mgd | Total Flow Max Mgd | Total Flow Avg Mgd | 002 Outfall Flow Avg Mgd |
|-----------|------------------|--|--|--|--|--|---------------------------------------|---------------------------------------|--------------------------------|--------------------------------|-----------------------|-----------------------|--------------------------------|
| Date | inches | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD | MGD |
| 6/1/2020 | 0.00 | 11.98 | 5.67 | 9.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.98 | 9.15 | 0.00 |
| 6/2/2020 | 0.00 | 12.08 | 6.00 | 9.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.08 | 9.01 | 0.00 |
| 6/3/2020 | 0.06 | 15.66 | 4.97 | 9.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.66 | 9.00 | 0.00 |
| 6/4/2020 | 0.00 | 11.59 | 5.44 | 8.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.59 | 8.65 | 0.00 |
| 6/5/2020 | 0.00 | 11.57 | 5.30 | 8.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.57 | 8.11 | 0.00 |
| 6/6/2020 | 0.00 | 11.07 | 4.83 | 7.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.07 | 7.65 | 0.00 |
| 6/7/2020 | 0.00 | 11.36 | 4.68 | 7.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.36 | 7.52 | 0.00 |
| 6/8/2020 | 0.00 | 11.30 | 4.59 | 7.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.30 | 7.52 | 0.00 |
| 6/9/2020 | 0.21 | 16.82 | 4.69 | 9.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16.82 | 9.13 | 0.00 |
| 6/10/2020 | 0.11 | 15.50 | 6.57 | 9.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.50 | 9.85 | 0.00 |
| 6/11/2020 | 0.00 | 12.15 | 5.75 | 8.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.15 | 8.52 | 0.00 |
| 6/12/2020 | 0.00 | 11.60 | 4.82 | 7.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.60 | 7.67 | 0.00 |
| 6/13/2020 | 0.06 | 11.16 | 5.09 | 7.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.16 | 7.51 | 0.00 |
| 6/14/2020 | 0.00 | 10.78 | 4.50 | 7.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.78 | 7.35 | 0.00 |
| 6/15/2020 | 0.00 | 11.56 | 4.09 | 7.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 7.49 | 0.00 |
| 6/16/2020 | 0.00 | 10.92 | 4.19 | 7.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.92 | 7.37 | 0.00 |
| 6/17/2020 | 0.00 | 11.40 | 4.31 | 7.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.40 | 7.52 | 0.00 |
| 6/18/2020 | 0.00 | 10.97 | 4.13 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.97 | 7.04 | 0.00 |
| 6/19/2020 | 0.00 | 11.12 | 4.14 | 6.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.12 | 6.93 | 0.00 |
| 6/20/2020 | 0.49 | 18.25 | 3.98 | 7.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.25 | 7.73 | 0.00 |
| 6/21/2020 | 0.00 | 14.98 | 6.44 | 9.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.98 | 9.26 | 0.00 |
| 6/22/2020 | 1.16 | 26.49 | 5.24 | 11.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.49 | 11.52 | 0.00 |
| 6/23/2020 | 0.02 | 25.63 | 10.18 | 13.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.63 | 13.47 | 0.00 |
| 6/24/2020 | 0.00 | 14.03 | 6.36 | 9.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.03 | 9.51 | 0.00 |
| 6/25/2020 | 0.00 | 12.12 | 5.23 | 8.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.12 | 8.42 | 0.00 |
| 6/26/2020 | 1.17 | 26.83 | 5.06 | 11.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.83 | 11.16 | 0.00 |
| 6/27/2020 | 0.00 | 27.83 | 13.34 | 17.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 27.83 | 17.72 | 0.00 |
| 6/28/2020 | 0.13 | 18.12 | 8.39 | 11.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.12 | 11.13 | 0.00 |
| 6/29/2020 | 0.84 | 28.22 | 5.88 | 12.00 | 6.22 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 34.44 | 12.22 | 0.21 |
| 6/30/2020 | 0.19 | 25.34 | 13.40 | 18.84 | 4.14 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 29.47 | 18.90 | 0.00 |
| | | | | | | | | | | | | | |
| Minimum | 0.00 | 10.78 | 3.98 | 6.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.78 | 6.93 | 0.00 |
| Maximum | 1.17 | 28.22 | 13.40 | 18.84 | 6.22 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 34.44 | 18.90 | 0.21 |
| Total | 4.44 | 468.41 | 177.25 | 283.75 | 10.35 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 478.77 | 284.02 | 0.21 |
| Average | 0.15 | 15.61 | 5.91 | 9.46 | 0.35 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 15.96 | 9.47 | 0.01 |

Downers Grove Sanitary District June, 2020

| | Tertiary Flow MGD | MLSS Avg | Activated Sludge Inventory Lbs MLSS | Activated Sludge SRT Days | 15 Minutes Aeration Settling % | 30 Minutes Aeration Settling % | 60 Minutes Aeration Settling % | Sludge Volume Index | System 1 RAS TSS | System 2 RAS TSS | Dupage River Outfall DO |
|-----------|----------------------|----------|--|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------|---------------------|---------------------|----------------------------|
| Date | MGD | | LBS | DAYS | mL/L | mL/L | mL/L | mL/g | mg/l | mg/l | mg/l |
| 6/1/2020 | 9.15 | 2,288 | 77,133 | 15.63 | 19 | 15 | 14 | 68 | | 4,945 | 8.6 |
| 6/2/2020 | 9.01 | 2,200 | 77,133 | 15.30 | | 10 | | | | 1,010 | 8.2 |
| 6/3/2020 | 9.00 | 2,136 | 72,017 | 15.31 | 20 | 16 | 15 | 77 | | 4,474 | 7.9 |
| 6/4/2020 | 8.65 | 2,100 | 72,017 | 15.66 | 20 | 10 | 10 | | | 7,777 | 7.0 |
| 6/5/2020 | 8.11 | 2,465 | 83,094 | 17.00 | 20 | 16 | 15 | 67 | | 4,729 | |
| 6/6/2020 | 7.65 | 2,100 | 83,094 | 17.71 | 20 | 10 | 10 | <u> </u> | | 1,720 | |
| 6/7/2020 | 7.52 | | 83,094 | 17.24 | | | | | | | |
| 6/8/2020 | 7.52 | 2,434 | 82,073 | 19.48 | 21 | 17 | 16 | 69 | | 4,039 | 8.0 |
| 6/9/2020 | 9.13 | 2,101 | 82,073 | 17.75 | | ., | 10 | | | 1,000 | 8.0 |
| 6/10/2020 | 9.85 | 2,372 | 79,966 | 12.52 | 15 | 17 | 16 | 72 | | 5,244 | 0.0 |
| 6/11/2020 | 8.52 | 2,012 | 79,966 | 12.69 | 10 | ., | 10 | 12 | | 0,211 | |
| 6/12/2020 | 7.67 | 2,116 | 71,347 | 13.24 | 23 | 18 | 17 | 85 | | 4,555 | 7.8 |
| 6/13/2020 | 7.51 | 2,110 | 71,347 | 13.67 | 20 | | | | | 1,000 | 7.0 |
| 6/14/2020 | 7.35 | | 71,347 | 13.94 | | | | | | | |
| 6/15/2020 | 7.49 | 2,151 | 72,527 | 15.54 | 22 | 17 | 16 | 81 | | 4,087 | 8.0 |
| 6/16/2020 | 7.37 | 2,101 | 72,527 | 15.65 | | ., | 10 | 01 | | 1,007 | 7.6 |
| 6/17/2020 | 7.52 | 2,402 | 74,532 | 14.28 | 23 | 17 | 16 | 73 | | 4,690 | 7.4 |
| 6/18/2020 | 7.04 | 2,565 | 79,599 | 14.87 | 23 | 19 | 17 | 73 | 3,732 | .,000 | |
| 6/19/2020 | 6.93 | 2,264 | 70,246 | 17.61 | 23 | 18 | 18 | 82 | 0,: 02 | 3,547 | |
| 6/20/2020 | 7.73 | _,, | 70,246 | 17.80 | | | | | | 0,0 | |
| 6/21/2020 | 9.26 | | 70,246 | 17.87 | | | | | | | |
| 6/22/2020 | 11.52 | 2,378 | 73,763 | 12.79 | 22 | 18 | 17 | 77 | | 5,133 | |
| 6/23/2020 | 13.47 | ,- | 73,763 | 12.54 | | | | | | -, | 7.4 |
| 6/24/2020 | 9.51 | 2,143 | 66,489 | 12.03 | 23 | 18 | 16 | 84 | 4,191 | 4,914 | 8.2 |
| 6/25/2020 | 8.42 | | 66,489 | 11.99 | | | | | | | 7.9 |
| 6/26/2020 | 11.16 | 2,108 | 65,384 | 17.22 | 25 | 20 | 18 | 94 | | 3,364 | |
| 6/27/2020 | 17.72 | | 65,384 | 16.83 | | | | | | | |
| 6/28/2020 | 11.13 | | 65,384 | 17.12 | | | | | | | |
| 6/29/2020 | 12.00 | 2,113 | 65,555 | 13.31 | 23 | 18 | 17 | 86 | | 4,335 | 8.1 |
| 6/30/2020 | 18.84 | | 65,555 | 13.15 | | | | | | | 7.2 |
| | | | | | | | | | | | |
| Minimum | 6.93 | 2,108 | 65,384.30 | 11.99 | 14.84 | 15.50 | 14.46 | 66.69 | 3,732 | 3,364 | 7.2 |
| Maximum | 18.84 | 2,565 | 83,093.91 | 19.48 | 24.99 | 19.74 | 17.99 | 94.19 | 4,191 | 5,244 | 8.6 |
| Total | 283.75 | 31,935 | 2,203,389.32 | 457.72 | 302.84 | 246.10 | 229.22 | 1,086.77 | 7,923 | 58,056 | 110.3 |
| Average | 9.46 | 2,281 | 73,446.33 | 15.26 | 21.57 | 17.43 | 16.29 | 77.71 | 3,962 | 4,466 | 7.9 |

| | Tertiary Flow MGD | Influent BOD 5 | Primary Clarifier | Intermediate Clarifier | Tertiary Effluent | Tertiary Effluent | BOD 5 Removal % | Ambient Air Temp | Ambient Air Temp | Influent Flow Temp |
|-----------|----------------------|----------------|----------------------|---------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|-----------------------|
| | | | BOD 5 | CBOD 5 | CBOD 5 | CBOD 5 Load | | Min | Max | |
| Date | MGD | mg/l | mg/l | mg/l | mg/l | | % | Deg F | Deg F | Deg F |
| 6/1/2020 | 9.15 | 205 | | | 0.8 | 61 | 99.0 | 48 | 78 | 59.5 |
| 6/2/2020 | 9.01 | 248 | 78 | 3.6 | 0.8 | 60 | 99.1 | 67 | 97 | 60.1 |
| 6/3/2020 | 9.00 | 225 | | | 1.1 | 83 | 98.9 | 68 | 90 | 60.1 |
| 6/4/2020 | 8.65 | 258 | 52 | 2.3 | 1.0 | 72 | 98.8 | 68 | 94 | 60.0 |
| 6/5/2020 | 8.11 | | | | | | | 71 | 93 | |
| 6/6/2020 | 7.65 | | | | | | | 60 | 82 | |
| 6/7/2020 | 7.52 | | | | | | | 58 | 86 | |
| 6/8/2020 | 7.52 | 235 | | | 1.2 | 75 | 98.9 | 59 | 93 | 60.2 |
| 6/9/2020 | 9.13 | 240 | 84 | 1.8 | 1.1 | 84 | 98.8 | 72 | 91 | 52.4 |
| 6/10/2020 | 9.85 | 220 | 68 | | 1.5 | 123 | 97.5 | 61 | 85 | 61.9 |
| 6/11/2020 | 8.52 | 320 | | | 0.6 | 42.62 | 98.8 | 57 | 84 | 62.4 |
| 6/12/2020 | 7.67 | | | | | | | 55 | 85 | |
| 6/13/2020 | 7.51 | | | | | | | 53 | 92 | |
| 6/14/2020 | 7.35 | | | | | | | 51 | 74 | |
| 6/15/2020 | 7.49 | 220 | | | 0.9 | 56 | 99.0 | 47 | 80 | 62.4 |
| 6/16/2020 | 7.37 | 312 | 72 | 1.8 | 0.7 | 43 | 98.8 | 51 | 89 | 62.3 |
| 6/17/2020 | 7.52 | 300 | | | 0.4 | 25 | 98.6 | 59 | 91 | |
| 6/18/2020 | 7.04 | 293 | 83 | 2.2 | 0.8 | 47 | 99.1 | 59 | 94 | 62.5 |
| 6/19/2020 | 6.93 | | | | | | | 62 | 96 | |
| 6/20/2020 | 7.73 | | | | | | | 67 | 91 | |
| 6/21/2020 | 9.26 | | | | | | | 69 | 89 | |
| 6/22/2020 | 11.52 | 202 | | | 1.1 | 106 | 98.3 | 67 | 176 | 63.7 |
| 6/23/2020 | 13.47 | 175 | 70 | 1.8 | 2.0 | 225 | 96.8 | 63 | 102 | 63.5 |
| 6/24/2020 | 9.51 | 235 | | | 1.4 | 111 | 98.7 | 57 | 84 | 63.3 |
| 6/25/2020 | 8.42 | 250 | 86 | 2.3 | 1.2 | 84 | 99.0 | 58 | 89 | 64.2 |
| 6/26/2020 | 11.16 | | | | | | | 63 | 176 | |
| 6/27/2020 | 17.72 | | | | | | | 72 | 176 | |
| 6/28/2020 | 11.13 | | | | | | | 69 | 91 | |
| 6/29/2020 | 12.00 | 226 | | | 1.0 | 100 | 99.1 | 68 | 94 | 67.5 |
| 6/30/2020 | 18.84 | 157 | | | 1.8 | 283 | 98.1 | 69 | 122 | |
| | | | | | | | | | | |
| Minimum | 6.93 | 157 | 52 | 1.8 | 0.40 | 25 | 96.8 | 47 | 74 | 52.4 |
| Maximum | 18.84 | 320 | 86 | 3.6 | 2.00 | 283 | 99.1 | 72 | 176 | 67.5 |
| Total | 283.75 | 4,321 | 593 | 15.8 | 19.40 | 1,681 | 1,775.4 | 1,847 | 2,963 | 986.0 |
| Average | 9.46 | 240 | 74 | 2.3 | 1.08 | 93 | 98.6 | 62 | 99 | 61.6 |

| | Tertiary Flow MGD | Influent TSS | Primary Clarifier TSS | Intermediate Clarifier TSS | Tertiary Effluent TSS | Tertiary Effluent TSS Load | TSS Removal % | Influent pH | Primary Clarifier pH | Tertiary Effluent pH | Intermediate pH |
|-----------|----------------------|-----------------|--------------------------|-------------------------------|-----------------------------|----------------------------------|------------------|-------------|-------------------------|-------------------------|-----------------|
| Date | MGD | mg/l | mg/l | mg/l | mg/l | lbs/day | % | SU | SU | SU | SU |
| 6/1/2020 | 9.15 | 166 | 46 | 3.6 | 0.3 | 23 | 99.8 | 7.6 | 7.6 | 7.1 | 7.2 |
| 6/2/2020 | 9.01 | 214 | 44 | 11.4 | 0.6 | 45 | 99.7 | 7.6 | 7.6 | 7.0 | 7.2 |
| 6/3/2020 | 9.00 | 180 | 46 | 5.2 | 0.4 | 30 | 99.8 | 7.6 | 7.5 | 7.0 | 7.2 |
| 6/4/2020 | 8.65 | 196 | 42 | 6.6 | 0.6 | 43 | 99.7 | 7.5 | 7.5 | 6.9 | 7.2 |
| 6/5/2020 | 8.11 | 264 | | | 0.5 | 34 | 99.8 | 7.5 | 7.5 | 6.9 | 7.1 |
| 6/6/2020 | 7.65 | 164 | | | 0.6 | 38 | 99.6 | | | | |
| 6/7/2020 | 7.52 | 176 | | | 0.6 | 38 | 99.7 | | | | |
| 6/8/2020 | 7.52 | 192 | 40 | 3.1 | 0.5 | 31 | 99.7 | 7.6 | 7.6 | 7.2 | 7.1 |
| 6/9/2020 | 9.13 | 272 | | | 0.6 | 46 | 99.8 | | | | |
| 6/10/2020 | 9.85 | 196 | | | 0.4 | 33 | 99.8 | 7.6 | | 7.1 | |
| 6/11/2020 | 8.52 | 240 | | | 0.4 | 28 | 99.8 | | | | |
| 6/12/2020 | 7.67 | 256 | | | 0.5 | 32 | 99.8 | 7.5 | 7.6 | 7.1 | |
| 6/13/2020 | 7.51 | 228 | | | 0.2 | 13 | 99.9 | | | | |
| 6/14/2020 | 7.35 | 204 | | | 0.4 | 25 | 99.8 | | | | |
| 6/15/2020 | 7.49 | 216 | 51 | 10.3 | 0.4 | 25 | 99.8 | 7.5 | 7.4 | 7.0 | 7.1 |
| 6/16/2020 | 7.37 | 270 | 32 | 6.2 | 0.2 | 12 | 99.9 | 7.5 | 7.5 | 6.9 | 7.2 |
| 6/17/2020 | 7.52 | 212 | 39 | 5.0 | 0.2 | 13 | 99.9 | 7.4 | 7.4 | 6.8 | 7.1 |
| 6/18/2020 | 7.04 | 244 | 31 | 8.2 | 0.3 | 18 | 99.9 | 7.5 | 7.5 | 6.9 | 7.2 |
| 6/19/2020 | 6.93 | 192 | | | 0.4 | 23 | 99.8 | 7.4 | 7.5 | 6.9 | 7.1 |
| 6/20/2020 | 7.73 | 216 | | | 0.4 | 26 | 99.8 | | | | |
| 6/21/2020 | 9.26 | 164 | | | 0.5 | 39 | 99.7 | | | | |
| 6/22/2020 | 11.52 | 296 | | | 0.9 | 86 | 99.7 | 7.5 | 7.6 | 7.1 | 7.0 |
| 6/23/2020 | 13.47 | 168 | 42 | 4.9 | 1.2 | 135 | 99.3 | 7.5 | 7.7 | 7.0 | 7.1 |
| 6/24/2020 | 9.51 | 192 | | | 0.7 | 56 | 99.6 | 7.5 | 7.6 | 7.1 | 7.2 |
| 6/25/2020 | 8.42 | 196 | 41 | 4.2 | 0.6 | 42 | 99.7 | 7.5 | 7.7 | 7.1 | 7.2 |
| 6/26/2020 | 11.16 | 224 | | | 0.7 | 65 | 99.7 | 7.5 | 7.5 | 7.0 | 7.1 |
| 6/27/2020 | 17.72 | 92 | | | 2.7 | 399 | 97.1 | | | | |
| 6/28/2020 | 11.13 | 120 | | | 0.8 | 74 | 99.3 | | | | |
| 6/29/2020 | 12.00 | 218 | 52 | 12.8 | 0.9 | 90 | 99.6 | 7.6 | 7.5 | 7.2 | 7.2 |
| 6/30/2020 | 18.84 | 152 | 57 | 11.2 | 2.2 | 346 | 98.6 | 7.6 | 7.6 | 7.0 | 7.2 |
| Minimum | 6.93 | 92 | 31 | 3.1 | 0.2 | 12 | 97.1 | 7.4 | 7.4 | 6.8 | 7.0 |
| Maximum | 18.84 | 296 | 57 | 12.8 | 2.7 | 399 | 99.9 | 7.6 | 7.7 | 7.2 | 7.2 |
| Total | 283.75 | 6,120 | 563 | 92.7 | 19.7 | 1,906 | 2,988.1 | 150.5 | 143.4 | 140.3 | 128.7 |
| Average | 9.46 | 204 | 43 | 7.1 | 0.7 | 64 | 99.6 | 7.5 | 7.5 | 7.0 | 7.2 |

Downers Grove Sanitary District

June, 2020

MONTHLY OPERATIONS REPORT PAGE 5

| | Tertiary | Influent | Tertiary | Tertiary Effluent | Chlorine | Fecal |
|-----------|----------|-----------|-----------|-------------------|----------|-----------|
| | Flow | Ammonia-N | Ammonia-N | Ammonia-N Load | Residual | Coliform |
| Date | MGD | mg/l | mg/l | lbs/day | mg/l | col/100ml |
| 6/1/2020 | 9.15 | 16.10 | 0.10 | 7.6 | | |
| 6/2/2020 | 9.01 | 18.56 | 0.15 | 11.3 | 0.03 | 1 |
| 6/3/2020 | 9.00 | | | | 0.03 | 0 |
| 6/4/2020 | 8.65 | | | | | |
| 6/5/2020 | 8.11 | | | | | |
| 6/6/2020 | 7.65 | | | | | |
| 6/7/2020 | 7.52 | 17.80 | 0.10 | 6.3 | | |
| 6/8/2020 | 7.52 | | | | | |
| 6/9/2020 | 9.13 | 25.20 | 0.14 | 10.7 | 0.03 | 0 |
| 6/10/2020 | 9.85 | | | | 0.03 | 0 |
| 6/11/2020 | 8.52 | | | | | |
| 6/12/2020 | 7.67 | | | | | |
| 6/13/2020 | 7.51 | | | | | |
| 6/14/2020 | 7.35 | 20.64 | 0.10 | 6.1 | | |
| 6/15/2020 | 7.49 | | | | | |
| 6/16/2020 | 7.37 | 30.08 | 0.23 | 14.1 | 0.03 | 0 |
| 6/17/2020 | 7.52 | | | | 0.03 | 0 |
| 6/18/2020 | 7.04 | | | | | |
| 6/19/2020 | 6.93 | | | | | |
| 6/20/2020 | 7.73 | | | | | |
| 6/21/2020 | 9.26 | 15.02 | 0.10 | 7.7 | | |
| 6/22/2020 | 11.52 | | | | | |
| 6/23/2020 | 13.47 | 16.96 | 0.57 | 64.0 | 0.03 | 2 |
| 6/24/2020 | 9.51 | | | | 0.03 | 0 |
| 6/25/2020 | 8.42 | | | | | |
| 6/26/2020 | 11.16 | | | | | |
| 6/27/2020 | 17.72 | | | | | |
| 6/28/2020 | 11.13 | 10.32 | 0.10 | 9.3 | | |
| 6/29/2020 | 12.00 | | | | | |
| 6/30/2020 | 18.84 | 8.40 | 0.33 | 51.9 | 0.03 | 4 |
| | | | | | | |
| Minimum | 6.93 | 8.40 | 0.10 | 6.1 | 0.03 | 0.0 |
| Maximum | 18.84 | 30.08 | 0.57 | 64.0 | 0.03 | 4.0 |
| Total | 283.75 | 179.08 | 1.92 | 189.0 | 0.27 | 7.0 |
| Average | 9.46 | 17.91 | 0.19 | 18.9 | 0.03 | 2.0 |

| | | | Julie, 2020 |
|---------------------------------|-----------|---------|-------------------|
| SLUDGE DATA | | | |
| Primary Sludge | TS | 3.00 % | 982,615 Gallons |
| WAS to Digesters | TS | 2.58 % | 506,890 Gallons |
| Hauled Grease to Digs | TS | 8.54 % | 230,596 Gallons |
| Anaerobically Digested Sludge P | umping | | |
| Drying Beds | TS | % | Gallons |
| BFP | TS | 2.06 % | 1,074,750 Gallons |
| Lagoons | TS | % | 87,780 Gallons |
| Total | | | 1,162,530 Gallons |
| VS Destruction | | | 59.3 % |
| Biosolids Disposal | | | |
| Class A Distr | ribution | Jun | 255 Dry Tons |
| Class B I | Hauling | Jun | Dry Tons |
| | Total | Jun | 255 Dry Tons |
| Class A Distr | ribution | YTD | 479 Dry Tons |
| Class B I | Hauling | YTD | 448 Dry Tons |
| | Total | YTD | 927 Dry Tons |
| | | | |
| ENERGY DATA | | | |
| Total Digester 0 | as Prod | luction | 5,064,510 SCF |
| Gas Volume per Volat | ile Solid | s Load | 11.8 Cu.Ft./Lb. |
| Digester Gas Utilization | | | |
| He | at Exch | angers | 72,656 SCF |
| Б. | 1 110 | | 404.040.005 |

| ENERGY DATA | |
|-------------------------------------|------------------|
| Total Digester Gas Production | 5,064,510 SCF |
| Gas Volume per Volatile Solids Load | 11.8 Cu.Ft./Lb. |
| Digester Gas Utilization | |
| Heat Exchangers | 72,656 SCF |
| Dehumidification | 494,342 SCF |
| CHP | 3,194,291 SCF |
| Total | 3,761,288 SCF |
| <u>Digester Gas Flared</u> | 1,303,222 SCF |
| Natural Gas Consumed | |
| WWTC | 4,500 SCF |
| MSB | 1,933 SCF |
| Chemical Feed | 0 SCF |
| 5006 Walnut | 0 SCF |
| Kilowatt-hours Generated CHP | 235,299 KWH |
| Net energy from Comed | 127,389 KWH |
| Monthly net energy | 130 MWH |
| MISCELLANEOUS | |
| Grit Removal Jun | 20 Cu. Yds |
| Grit Removal YTD | 160 Cu. Yds |
| Anaerobic Supernate | 800,421 Gallons |
| Waste Activated Sludge | 133,117 Gals/Day |
| City Water Consumed | 138,106 Gallons |

Downers Grove Sanitary District

June, 2020

| | Tertiary Flow MGD | Influent Phosphorus | Tertiary Effluent | Influent Phosphorus | Tertiary Effluent | Phosphorus Removal % | Influent Nitrogen | Tertiary Effluent | Influent Nitrogen | Tertiary Effluent | Nitrogen Removal % | Tertiary Effluent |
|-----------|----------------------|------------------------|----------------------|------------------------|----------------------|-------------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|
| | | | Phosphorus | Load | Phosphorus Load | | | Nitrogen | Load | Nitrogen Load | | Nitrate Grab |
| Date | MGD | mg/l | mg/l | lbs/day | lbs/day | % | mg/l | mg/l | lbs/day | lbs/day | % | mg/l |
| 6/1/2020 | 9.15 | 4.38 | 2.41 | 316.0 | 183.9 | 45.0 | | | | | | |
| 6/2/2020 | 9.01 | | | | | | | | | | | |
| 6/3/2020 | 9.00 | | | | | | | | | | | |
| 6/4/2020 | 8.65 | | | | | | | | | | | 24.60 |
| 6/5/2020 | 8.11 | | | | | | | | | | | |
| 6/6/2020 | 7.65 | | | | | | | | | | | |
| 6/7/2020 | 7.52 | | | | | | | | | | | |
| 6/8/2020 | 7.52 | 5.48 | 3.39 | 347.1 | 212.5 | 38.1 | | | | | | |
| 6/9/2020 | 9.13 | | | | | | 32.6 | 21.3 | 2,422.4 | 1,622.7 | 33.0 | |
| 6/10/2020 | 9.85 | | | | | | | | | | | |
| 6/11/2020 | 8.52 | | | | | | | | | | | 25.64 |
| 6/12/2020 | 7.67 | | | | | | | | | | | |
| 6/13/2020 | 7.51 | | | | | | | | | | | |
| 6/14/2020 | 7.35 | | | | | | | | | | | |
| 6/15/2020 | 7.49 | 7.06 | 3.74 | 424.2 | 233.6 | 47.0 | | | | | | |
| 6/16/2020 | 7.37 | | | | | | | | | | | |
| 6/17/2020 | 7.52 | | | | | | | | | | | |
| 6/18/2020 | 7.04 | | | | | | | | | | | 26.34 |
| 6/19/2020 | 6.93 | | | | | | | | | | | |
| 6/20/2020 | 7.73 | | | | | | | | | | | |
| 6/21/2020 | 9.26 | | | | | | | | | | | |
| 6/22/2020 | 11.52 | 6.40 | 3.09 | 589.6 | 296.8 | 51.7 | | | | | | |
| 6/23/2020 | 13.47 | | | | | | | | | | | |
| 6/24/2020 | 9.51 | | | | | | | | | | | |
| 6/25/2020 | 8.42 | | | | | | | | | | | 26.06 |
| 6/26/2020 | 11.16 | | | | | | | | | | | |
| 6/27/2020 | 17.72 | | | | | | | | | | | |
| 6/28/2020 | 11.13 | | | | | | | | | | | |
| 6/29/2020 | 12.00 | 6.15 | 2.29 | 590.8 | 229.2 | 62.8 | | | | | | |
| 6/30/2020 | 18.84 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Minimum | 6.93 | 4.38 | 2.29 | 316.0 | 183.9 | 38.1 | 32.6 | 21.3 | 2,422.4 | 1,622.7 | 33.0 | 24.60 |
| Maximum | 18.84 | 7.06 | 3.74 | 590.8 | 296.8 | 62.8 | 32.6 | 21.3 | 2,422.4 | 1,622.7 | 33.0 | 26.34 |
| Total | 283.75 | 29.47 | 14.92 | 2,267.6 | 1,156.0 | 244.6 | 32.6 | 21.3 | 2,422.4 | 1,622.7 | 33.0 | 102.64 |
| Average | 9.46 | 5.89 | 2.98 | 453.5 | 231.2 | 48.9 | 32.6 | 21.3 | 2,422.4 | 1,622.7 | 33.0 | 25.66 |

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Amy Underwood, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: July 16, 2020

SUBJECT: June 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 June 2020.

Special projects in June included:

Aeration Tanks 1-4 – Restore Operation

Aeration tanks 1-4 have not been in service for several years. The last time they were in use we were experimenting with our first attempt of biological phosphorous removal. After that experiment, we improved our design and utilized Aeration tanks 5-7 for that purpose and continued the biological phosphorus removal.

In utilizing the Aeration tanks 5-7 for the biological phosphorous removal, we discovered that we were having some difficulties with nitrification and controlling our ammonia levels in aeration tanks 8-11. The most difficult time of the year is during the winter months.

In an effort to improve our nitrification for ammonia removal during the winter months, we decided to put Aeration tanks 1-4 back in service for this period. In late October, the first step was to modify existing air piping in the basement of the Operations Center. Dahme Mechanical completed a significant piping modification for us to have improved control of the required air distribution to Aeration tanks 1-4. In our usual cost saving measures, the District purchased all of the valves that were required for this piping modification and provided them to Dahme Mechanical for the installation.

In November and December, District staff removed the bulkhead plating on the north end of Aeration tanks 3 & 4 and installed new effluent weirs. In addition to the weir installation, we also replaced several hundred fine bubble diffusers in both tanks and also repaired the tank drain valves. Once all of this work was completed, we were able to test the operation of our existing Blower no. 4 to verify we would be able to supply enough air for the process. Aeration tanks 3 & 4 were then put online and we achieved the results we were expecting.

After Aeration tanks 3 & 4 were put online, the same modification work started on Aeration tanks 1 & 2 when weather and staffing would permit. Unfortunately, we were not able to complete all of the needed work throughout the winter months, and then the COVID-19 stay at home order occurred. I am pleased to report that all of the modifications and testing has now been completed and we have all 4 tanks available for operation next winter. The total cost for all of the improvements and piping modifications related to this project was \$17,859.31.

One additional item related to this process that still needs to be completed is to overhaul Aeration Blower 4. That work is budgeted and is anticipated to be completed this summer. It has been well over 25 years since it was last overhauled. This will improve its reliability for next winter's operation.

RAS System 2 Tunnel – Concrete Repairs

In preparation for our budgeted tunnel painting project later this year, we need to address water leaks that were coming from the concrete sidewalk above the tunnel. There were numerous cracks and deteriorated expansion joints that were likely the cause for the water leaking down into the tunnel during wet weather events.

The entire concrete surface between Aeration tanks 7 & 8 from the Blower building to Division box 3 was power washed, loose concrete and old expansion joint material was removed, and all stress cracks and expansion joints were repaired and re-sealed. After all of the repair work as completed, a coat of water sealer was applied to the entire concrete surface.

The majority of the concrete repair materials were purchased from McCann Industries at a cost of \$975.55, along with a few additional items from Home Depot at a cost of \$98.22. All of this work was completed in-house by our District Building & Grounds Technician, Chuck Preen, at a total cost of \$1,073.77.

Additional epoxy crack filling and concrete patching in the tunnel will be completed this summer ahead of the planned contract painting project occurring later this fall or early winter.

<u>Composting Pilot – Electrical Preparation</u>

In advance of the installation and start-up of our composting pilot project, a temporary electrical service had to be installed between the covered sludge storage (Big Top) and the sludge drying pad for the composting pilot electrical equipment.

District Electrician Rolf Flechsig installed power poles, an aerial electric cable and an electrical service panel from the Big Top to the location where the composting pilot equipment will be installed. The total cost for this composting pilot electrical service installation was \$1,042.34. This included items from Revere Electric, Home Depot and Grainger.

2015 Ford Transit Van – Engine & Brake Repairs

The System department's 2015 Ford Transit van had a check engine light that required attention. We ran an engine code scan on it and found the issue was a camshaft position indicator fault. For this type of repair it would be more appropriate to have it done at the Ford dealer.

When the van was diagnosed by the dealer they found that the wiring for the camshaft position sensors was chewed up by mice. This likely occurred during the lack of use after our inspector, Ernie Smith, retired and the van sat in the parking lot for long periods of time. To get to the camshaft sensors the mechanic had to remove the engine cowl. The dealer was able to repair the damaged wiring and didn't have to replace the sensors. They did recommend that since the mileage was getting close, that we consider replacing the spark plugs now since you would have to remove the engine cowl again in the future at an additional labor cost. I authorized the replacement of the spark plugs and they also re-surfaced the rear brake rotors that were warped and causing a pulsation. The total cost for all of the repairs by Packey Webb Ford was \$724.21.

Work Order Summary

Work Order Completion Dates from 6/1/2020 to 6/30/2020

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|---|-----------------|-----------------------------------|--|
| Exercise both 24" primary influent ratio valves | 01-Jun-20 | Tunnel From PS to Grit | |
| | | Tunnel/Chan Primary Clarifiers | |
| Replace bio-filter blower fan assembly. | 02-Jun-20 | Hobson Lift Station | Remove the old worn and rusted out blower, fabricate new piping adaptors, install new blower. |
| Troubleshoot east geothermal unit & air makeup system, not cooling. | | Laboratory | A-Formula found the water flow control valve on the geothermal unit was bad, replace with manual flow control valve. Replace ECM fan motor that was bad on east lab air handler. Also topped off the refrigerant on the 5 ton air makeup condensers. |
| Check Geothermal unit. A/C not working. | | Raw Sewage Pump Station | A-Formula found unit controller locked out. Perform a system reboot on main control board. System back on line and cooling. |
| Troubleshoot failure | | WWTC Main Gate | Found gate operator had backup battery failure. Purchase and install new backup batteries. |
| Troubleshoot switch gear PLC issues | 03-Jun-20 | Hobson Lift Station | Assist Compumation with troubleshooting the PLC that controls the automatic switch gear. Found PLC clock was off by 14 hours and program was not running. Reload program and set clock. |
| Re-establish the lead/lag controls | 05-Jun-20 | Plant Effluent Water Pump #1 | Install conduits, wiring, pressure and control switches between MCC and the effluent pumps in the micro strainer building. Complete all terminations and test operation. |
| | | Plant Effluent Water Pump #2 | |
| Exercising of Raw and Excess Influent valves | 07-Jun-20 | Excess Flow Pump Station | |
| | | Raw Sewage Pump Station | |
| Repair flat on Skid Steer #333 | 08-Jun-20 | 2019 Skid Steer | |
| 13,119/22,755 hours. Perform 1200 hour maintenance on engine and equip. | 09-Jun-20 | CHP Engine Genset #2 | Performed all tasks involved in a 1200 hour maintenance. Cleaned dump radiator, ordered replacement parts for stock. |
| Turn on and run Chlorine Contact Tank sweep arm | 10-Jun-20 | Chlorine Contact Tank | |
| Check V-Belt, Grease Pillow Block Bearing Heat Exchangers 2-5 | | Digester 1 Heat Exchanger | |
| | | Digester 2 Heat Exchanger | |
| | | Digester 3 Heat Exchanger | |
| | | Digester 4 Heat Exchanger | |
| | | Digester 5 Heat Exchanger | |
| Grease Raw Sewage And Excess Flow Pumps | | Excess Flow Pump 06 | |
| • | | Excess Flow Pump 07 | |
| | | Excess Flow Pump 08 | |
| | | Excess Flow Pump 09 | |

Friday, July 10, 2020 Page 1 of 4

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|--|--------------------|----------------------------------|---|
| Remove pump from service for complete overhaul. | | RAS Pump 5 | Complete overhaul on pump. Replace mechanical seal, shaft sleeve, seal gland plate, bearing and grease seals. Also machine reducer flange on pump discharge piping. |
| Grease Raw Sewage And Excess Flow Pumps | | Raw Sewage Pump 1 | |
| • | | Raw Sewage Pump 2 | |
| | | Raw Sewage Pump 3 | |
| | | Raw Sewage Pump 4 | |
| | | Raw Sewage Pump 5 | |
| Replace worn out wear plate on Auger #4 | 11-Jun-20 |) 2009 AUGER-DAWG G30A 91093 | |
| Change Pre-Filters Blowers 1 - 4. | | Blower Bag Room | |
| 4 MONTH GREASING FITTINGS ON GRIT CONVEYORS | | Grit Conveyor System | |
| CELLS CLEANING WITH MURIATIC ACID | | Hypochlorite OSEC Generator | Need clean electrodes, patch leak on #2 cell. Clean brine and water flow meters. |
| 3 Month Grease- Secondaries 1 & 2 | | Secondary Clarifier 1 | |
| | | Secondary Clarifier 2 | |
| Replace broken counter balance weight bolts on #333 skid steer | 13-Jun-20 | 2019 Skid Steer | Replaced 2 broken off bolts on cat skidsteer counter balance weights, right side. |
| Clean Office Roof Of All Debris | 15-Jun-20 | Administration Center | |
| Exercising of bar screen sluice gates 1 and 2 | | Bar Screen 1 | |
| | | Bar Screen 2 | |
| Replace ball valve on wash down hose for OPS | | Yard Piping - Plant Effluent | Replaced broken 1 1/2" ball valve on wash down hose/hydrant located near the Concentrators. |
| 3 month Greasing of 3 AUMA Actuators | 16-Jun-20 | Aeration Tank 11 | |
| | | Digester 1 Mixing Pump | |
| By-Weekly Fluid and Misc. Check of Generators | | Emergency Generator 1 | |
| | | Emergency Generator 2 | |
| | | Emergency Generator 3 | |
| Change Filters On Grit Blowers 1,2,3. | | Grit Blower 1 | |
| | | Grit Blower 2 | |
| Monthly Liquid Status of Under Ground Diesel Tank | 17-Jun-20 | Emerg Gen Diesel Storage Tank | |
| Replace strobe lights that were no longer working. | | WWTC Main Gate | Purchase and install 2 new red strobe lights. |
| Leak in front left tire. All tires dry rotted, get quote for replacement | 18-Jun-20 | 2012 Honda Civic CNG | Dropped off car at Just Tires. Had all four tires replaced and four wheel alignment. |
| Replace roof mounted exhaust fan motors that no longer work. | | Digester 4 - 5 Control Buildg | Replaced the motors on 2 of the roof mounted exhaust fans. Also restored operation of a couple of exterior lights. Photo eyes were bad. |
| Replace cross collector gear reducer with rebuilt from stock. | 19-Jun-20 | Excess Flow Clarifier 4 | Replace cross collector gear reducer with rebuilt unit from stock. Rebuilt leaking gear reducer for stock. |
| Exercising of secondaries 1 and 2 influent gates | | Secondary Clarifier 1 | |
| | | Secondary Clarifier 2 | |
| Restore operation on all 4 tanks. | 22-Jun-20 | Aeration Tank 01 | Replace all air diffusers, remove bulk heads and reinstall |

Friday, July 10, 2020 Page 2 of 4

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|--|-----------------|-------------------------------------|---|
| | | | weirs on north end of all tanks, repair tank drain valves, install new stop plates between tanks. Dahme Mechanical modified air piping in the basement of the operation center in January. |
| | | Aeration Tank 02 | • |
| | | Aeration Tank 03 | |
| | | Aeration Tank 04 | |
| 13,429/23,065 hours. Change oil and filters. | | CHP Engine Genset #2 | Changed oil and filters. Sent oil sample to lab for analysis. |
| Safety lane Vehicle 317 | 23-Jun-20 | 2009 Sterling LT 7500 | |
| Diagnose and resolve check engine light and rear brake noise. | | 2015 Ford Truck Transit Van | Scanned codes and then dropped off at Packey Webb Ford for repair. Camshaft sensor wiring repaired, spark plugs replaced, and rear brake rotors machined. |
| REPLACE OIL ABSORBENT PADS IN GREASE CABINET | | Administration Center | |
| Operate Relief Valves On Heat | | Digester 1 Heat | |
| Exchangers And Boilers | | Exchanger Digester 2 Heat Exchanger | |
| | | Digester 3 Heat Exchanger | |
| | | Digester 4 Heat Exchanger | |
| | | Digester 5 Heat Exchanger | |
| EXCESS 003- Exercise 30" and 24" DEZURIK Valves | | Excess Flow 003 Valves | |
| Operate Relief Valves On Heat Exchangers And Boilers | | Excess Flow Pump Station | |
| Six Month Oil Change Primaries 1 & 2 Long Collector | | Primary Clarifier 1 | |
| | | Primary Clarifier 2 | |
| Exercise Ratio Valve #2 | | Tunnel - System 2 RAS | |
| Check all life ring boxes and clean if needed. | 25-Jun-20 | | |
| SUBMIT SWPPP Inspection report | | WWTC Roadways | |
| Repair exterior concrete above tunnel from blower bldg to division box 3 | 26-Jun-20 | Tunnel - System 2 RAS | Power wash entire concrete surface, remove loose concrete and old expansion joint material, patch holes, reseal all joints and fill in cracks. Apply concrete sealer on entire walkway. |
| Replace the digital keypad that is no longer working. | | WWTC Main Gate | Replace digital keypad with new. |
| Safety lane Vehicle 353 | 29-Jun-20 | 2011 Freightliner M2 | |
| Clean Bar Screens With Flush Truck | | Bar Screen 1 | |
| | | Bar Screen 2 | |
| Diagnose and repair valve actuator for hot water loop feed/bypass | | CHP Heat Recovery System | Exercised valve to restore mechanical function replaced actuator with new. Ordered actuator for stock. |
| Replace broken sump in digester 2 basement | | Digester 1 and 2 Control Bldg | Replaced broken sump pump in the basement of digester 2. |
| Repair damaged from 2" effluent pipe that broke and flooded basement. | | Digester 4 - 5 Control Buildg | Repair damage when the 2" effluent pipe(installed by RJ O'Neil)broke and flooded basement. Cap broken pipe, pump out basement, open all electrical boxes to drain water, set up fans. Damaged items that required replacement. 8" Valve actuator, grease & seal |
| | | | |

Friday, July 10, 2020 Page 3 of 4

| Work Assignment | Completion Equipment Date | NOTATIONS |
|--|--|-----------|
| SWPPP Wet and Dry Weather Inspections-Quarterly | WWTC Roadways | |
| Change Oil In Carter Gear Drives On Moyno's In Belt Press | 30-Jun-20 Belt Press Sludge Fe Pump 1 | ed |
| | Belt Press Sludge Fe Pump 2 | ed |

Friday, July 10, 2020 Page 4 of 4

DOWNERS GROVE SANITARY DISTRICT MEMO

DATE: July 13, 2020

Amy Underwood General Manager TO:

FROM: Robert Swirsky Sewer System Maintenance Supervisor

RE: Monthly Report – June, 2020

Manhole inspections

7.

| KE: | Monthly Report – June, 2020 | | |
|-----|--|--------------------------------------|--|
| 1. | JULIE Line Markings: Received In District Marked Man Hours | Current 1509 1363 193 78 | Year to Date 5983 5583 1130 461 |
| 2. | Building Service: a. BSSRAP TV Inspections b. Emergency BSSRAP Repairs c. Total BSSRAP Repairs d. I&I inspections e. I&I C.O. installation f. Replace broken cleanout caps g. OHSP TV Inspections h. Post Rodding TV | Current 30 09 10 00 00 00 00 11 | Year to Date 88 42 58 01 04 00 03 35 |
| 3. | Sewer backups: a. Public sewer b. Private sewer c. Surcharged main d. Pump station Total | Current 0 18 0 0 18 18 Current | Year to Date 2 119 36 0 157 Year to Date |
| 4. | Sewer Cleaning (DGSD personnel): | 38,157 | 97,920 Ft. |
| | a. Sewer Cleaning (outside contractors): | 345 | 345 Ft. |
| 5. | Main Sewer Televising (DGSD personnel) | : 0 | 1,219 Ft. |
| | a. Sewer Televising (outside contractors): | 0 | 0 Ft. |
| 6. | LETS TV | 0 | 2 |

0

153

| 8. | Sewer and manhole repairs and replacements by Uno Construction: Replaced MH 1A-135 |
|----|--|
| 9. | Miscellaneous: (sewer system personnel) a. Upload Flow-Meters |
| | |
| | |
| | |
| | CC: WDVB, AES, PWC, RTJ, KJR, MS, AU, TTC, WCC, MCW |
| | CC: WDVD, AES, FWC, KIJ, KJK, WIS, AU, TIC, WCC, MCW |

DOWNERS GROVE SANITARY DISTRICT M E M O

DATE: July 13, 2020

TO: Amy R. Underwood

General Manager

FROM: Keith Shaffner

Sewer Construction Supervisor

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

| 1. | Per | mits issued: | Current | Year to Date |
|----|-----|-----------------|----------|--------------|
| | a. | Single family | 5 | 22 |
| | b. | Multiple family | 0 | 0 |
| | c. | Commercial | 2 | 9 |
| | d. | Repair | 0 | 2 |
| | e. | Disconnection | <u>1</u> | <u>15</u> |
| | | Total | 8 | 48 |
| 2. | Ins | pections made: | Current | Year to Date |

| 2. | Ins | pections made: | Current | Year to Date |
|----|------------|------------------------|-----------------|--------------|
| | a. | Connections | 8 | 34 |
| | b . | Finals | 6 | 35 |
| | c. | Repairs | 0 | 4 |
| | d. | Disconnects | 4 | 19 |
| | e. | Groundwork | 1 | 4 |
| | f. | Walk-Thru | 0 | 0 |
| | g. | Pre-connections | 0 | 6 |
| | h. | Overhead Sewer Program | 1 | 2 |
| | i. | Code Enforcement | 3 | 12 |
| | į. | Lateral testing | 7 | 34 |
| | J | Total | $3\overline{0}$ | 150 |

- 3. New Sewer Extension Construction:
 - a. None
- 4. New Sewer Extension Testing air, deflection, manhole, televising and lamping:
 - a. 5614 Katrine Extension Passed all testing
- 5. Code Enforcement:
 - a. 5440 Fairview Contractor installing gas main hit sanitary service
 - b. 2401 Warrenville Check for triple basin and condition
 - c. 214 Chicago Check status of house sanitary connection.

6. Plan & Permit Reviews:

- a. 1209 Curtiss Single Family Home Review
- b. 6301 Main 7/11 Gas Stations Commercial Review
- c. 4533 Wilson Single Family Home Review
- d. 6163 Woodward Single Family Septic Conversion Review
- 7. Building Sanitary Service Access Agreements:
 - a. 5521 Fairmount, Downers Grove
 - b. 4533 Wilson. Downers Grove
 - c. 819 Franklin, Downers Grove
 - d. 6163 Woodward, Downers Grove
- 8. Illinois EPA Permits:
 - a. 1 W Qunicy Quincy Station 193 PE
 - b. 6200 S Cass Market Centre Phase 2 42 PE
- 9. Waste Hauling Permits Issued:

None

- 10. Miscellaneous:
 - a. Possible special assessment Puffer Road General Manager Underwood had a telephone conversation with our State Representative Anne Stava-Murray regarding this project. Representative Stava-Murray has not been in contact with the Sanitary District since we have given her the project details and cost that she had requested May 15th.
 - b. Covid-19 pandemic The Code Enforcement Department has continued to function at a high level of service. Inspector Danny Jasso has continued to work in the field using safe social distancing and personal protective equipment as necessary to complete his 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: JUNE 2020

| YEAR | PERMIT # | ADDRESS | STREET | CITY | ISSUE | TYPE | TAP FEE | INSP FEE |
|------|----------|----------------|-----------|------|-----------|--------|------------|------------|
| 2020 | 32 | 4001 | DOUGLAS | DG | 6/10/2020 | SF-RB | | \$223.00 |
| 2020 | 44 | 1209 | CURTISS | DG | 6/10/2020 | DISCON | | |
| 2020 | 40 | 819 | FRANKLIN | DG | 6/15/2020 | SF-RB | | \$223.00 |
| 2020 | 41 | 6163 | WOODWARD | DG | 6/18/2020 | SF-SC | \$3,248.00 | \$223.00 |
| 2020 | 21 | 5521 | FAIRMOUNT | DG | 6/1/2020 | SF-RB | | \$223.00 |
| 2020 | 47 | 1 W | QUINCY | W | 6/3/2020 | COM | 135,270.85 | \$369.00 |
| 2020 | 46 | 4533 | WILSON | DG | 6/8/2020 | SF-RB | | \$223.00 |
| 2020 | 48 | 6301 | MAIN | DG | 6/10/2020 | COM | | \$369.00 |
| | | | | Т | OTAL: | \$138 | 3,518.85 | \$1,853.00 |

Permit Final Inspections: JUNE 2020

| YEAR | PERMIT # | ADDRESS | STREET | CITY | <u>FINAL</u> |
|----------|----------|----------------|----------|------|--------------|
| 2019 | 128 | 25 | 4TH ST | DG | 6/2/2020 |
| 2019 | 140 | 4504 | ELM | DG | 6/11/2020 |
| 2019 | 166 | 607 | DAVIS | DG | 6/11/2020 |
| 2019 | 130 | 4532 | HIGHLAND | DG | 6/12/2020 |
| 2019 | 126 | 1128 | SAYLOR | DG | 6/19/2020 |
| 2020 | 41 | 6163 | WOODWARD | DG | 6/23/2020 |

Progress Report

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

Date: July 15, 2020

Re: June 2020 Laboratory Report

We had 1 excess rain sampling event, which ran for only 2 hours.

Surcharge:

Due to Covid19 and the essential staffing mandate, we will not be surcharge sampling until the laboratory is fully staffed.

Pretreatment Activities:

Semi-Annual Sampling:

We completed our required semi-annual sampling of permitted industrial users during the month of June. All samples and results were acceptable for all parameters tested. All permitted users are in compliance at this time.

Dental Amalgam Rule:

We are in a holding situation due to Covid19 due to the ongoing staffing levels. I am following up in person, with local dentists, to complete this requirement. The final compliance date is due in October.

IWS (Industrial Waste Survey):

The IWS has been delayed due to Covid19 staffing and working from home at this time. This will be a priority mailing for me to complete as we transition back to normal operations in the coming months. The status of this project hasn't changed from last month.

Personnel:

The following schedule is still in place for laboratory staff at this time. Malwina Serpa and Kenny Lookingbill continue the laboratory rotation, by working 1 week and on standby the following week. They rotate, so there is only 1 lab technician in the laboratory at any one time. At this time we are fulfilling compliance requirements by working 1 lab analyst 5 days per week, which is a change from the previous 3 days per week. We started analyzing samples for operations on Tuesday and Thursday to support staff and decisions they may need to make on a daily basis.

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

Re: Engineering Report for the Month June, 2020

Date: July 16, 2020

I. Planning Projects & Studies

A. Flow Monitoring

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

B. Composting Pilot

The District and Sustainable Generation built the first heap on July 8, 2020. 37 tons of woodchips were used as well as 45 tons of biosolids. It can be anticipated that the operation moves from Phase 1 to Phase 2 the first week of August.





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 will be making a decision on this project before the August Board of Trustees Meeting.

II. Design Projects

A. Outfall 001 Sanitary Sewer Pipe Repair

Approximately 150 Lineal Feet of the 001 Discharge Sanitary Sewer that carries our treated Effluent from the Treatment Plant to the East Branch of the DuPage River is sagged. Baxter & Woodman has obtained a Stormwater Management Certification from DuPage County for the project. Please see the attached Client Status Report from Baxter & Woodman for more information.

Bids for this project were opened on June 11, 2020 with the apparent low bidder being Copenhaver Construction of Gilberts, Illinois in the amount of \$358,603.00. Copenhaver has sent a letter to B&W asking for their bid bond to be returned due to a clerical error in their bid. The District needs to make a decision on this project before the August Board of Trustees Meeting.

B. Sludge Storage Beds Cover

The Geotechnical Investigation has been completed and we are awaiting the final soil borings report. Please see the attached Client Status Report from Baxter & Woodman for more information.

C. 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.

Bids were opened for this project on June 10, 2020 and the apparent low bidder was Austin Tyler Construction of Elwood, Illinois in the amount of \$134,691.00. The District will be making a decision on this project at the July Board of Trustees Meeting.

D. CHP No.1 Replacement

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.

The Pre-Construction Meeting was held on July 16, 2020 with representatives from the District, Baxter & Woodman, Boller Construction, Dahme Mechanical, Homestead Electrical, and Complete Mechanical Systems.

III. Construction Projects

A. WWTC WAS Thickener

R.J. O'Neil submitted Pay Request No.5 this month.

| Current Payment Due | \$335,943.00 |
|-----------------------------|--------------|
| Less Previous Payments | \$135,432.00 |
| Total Earned Less Retainage | \$471,375.00 |
| Retainage | \$52,375.00 |
| Total Completed to Date | \$523,750.00 |
| Contract Sum to Date | \$587,700.00 |

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

We are awaiting a few miscellaneous items to be put in as well as finishing painting, electrical, and integration into our SCADA system.





B. Flow Basin 1K-028 Sanitary Sewer Replacement

Uno Construction did not submit a Payment Request this month.

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

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

C. WWTC Paving

A Pre-Paving Meeting was held with Meyer Paving on July 1, 2020. We are awaiting the beginning of work.

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.

The Pre-Construction conference was held at the Wastewater Treatment Center on July 15, 2020. It can be anticipated the lining will be done in the first week of September, 2020.

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: 7/16/2020

| Project Title/Job | Project Manager | Completion Date | Tasks Completed This Period | Tasks Pending This Period | Items Waiting On Client | Status Date |
|--|---|--------------------|---|--|------------------------------------|-------------|
| Flow Monitoring Job Number: [050739.90] | Shane Firsching (815) 459-1260 sfirsching@baxterwoodman.com | 12/30/2019 | None. | Assist District with analysis. | None | 6/18/2020 |
| Nutrient Study RAS Denit Job Number: [120501.33] | Derek Wold dwold@baxterwoodman.com | 12/31/2020 | No work during current period. | Evaluation of scenarios as requested by District. | Results after reinstating ATs 1-3. | 6/17/2020 |
| Outfall Sewer Sag Repair Job Number: [180237.40] | Shane Firsching (815) 459-1260 sfirsching@baxterwoodman.com | 12/31/2019 | Finalized Bid Documents. Prepared for Advertisement. Prepared Addenda. Assisted bidders. Attended Mandatory Pre-Bid Meeting. Attended Bid Opening. Prepared Award Recommendation. | Coordinate BNSF Railway permit. | None. | 6/18/2020 |
| WWTC WAS Thickener - Construction Services Job Number: [190153.60] | Ray Koenig (708) 478-2090 rkoenig@baxterwoodman.com | 1/31/2020 | Shop Drawing submittals and coordination. Major shop drawings are submitted. Methane piping in digester control buiding relocated. Odor control and ventilation piping on going. Relocating existing grinder and grease pump. Demo of grease pump pad complted. 50% of TWAS piping completed. | GCA, process shop drawings, monitor construction as needed. RJO waiting for additional materials to arrive, including valves, sludge pumping equipment, etc. | none | 6/17/2020 |
| 2020 Miscellaneous Engineering Services Job Number: [200044.00] | Derek Wold dwold@baxterwoodman.com | 12/31/2020 | None this month | Assistance as requested. | None | 6/17/2020 |

Page: 1 of 2 (Run Date: 7/16/2020 12:19:06 PM) Job# Sort (v2)

| Project Title/Job | Project Manager | Completion Date | Tasks Completed This Period | Tasks Pending This Period | Items Waiting On Client | Status Date |
|--|---|--------------------|--|---|--|-------------|
| CHP No. 1 Design Build Job Number: [200328.50] | Eider Alvarez-Puras (708) 478-2090 ealvarez- puras@baxterwoodman.com | 3/9/2021 | Ordered CHP equipment. Coordinated delivery of radiator. | Shop Drawing Review and Approval. Preconstruction meeting on 7/16. | None | 7/16/2020 |
| Sludge Storage Building Job Number: [200381.40] | Chuck Brunner (815) 459-1260 cbrunner@baxterwoodman.com | 12/31/2020 | Coordination with alternate fabric building manufacturer. | Review geotechnical investigation report, determination of location of staging area size and location, finalize preliminary site and structure plans for alternate building manufacturer. | Authorization to continue work upon receipt of geotechnical investigation. | 6/17/2020 |
| Stanley Avenue Sanitary Sewer Rehabilitation Job Number: [200410.40] | Shane Firsching (815) 459-1260 sfirsching@baxterwoodman.com | 12/31/2020 | Revise bid documents per District and Village review comments. Prepare EOPC. Perform internal QAQC review. Advertise for bidding. Attend bid opening. Prepare Recommendation to Award. | None. | None. | 6/18/2020 |
| Sherman Street Sanitary Sewer Replacement Job Number: [200411.40] | Shane Firsching (815) 459-1260 sfirsching@baxterwoodman.com | 12/31/2020 | Prepare EOPC. Submit to IEPA for permit review. Perform internal QAQC reviews. Prepare Final Bid Documents. Attend Bid Opening. Prepare Recommendation to Award. | Receive IEPA permit. | None. None. | 6/18/2020 |



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 | Υ | Υ | N | Υ | Υ | N/A | 19 | 8% |
| 1B | Υ | Υ | N | N | N | N/A | 1 | 0% |
| 2A | Υ | Υ | Υ | Υ | Υ | N | 81 | 36% |
| 2B | Υ | Υ | Υ | Υ | Υ | N | 17 | 7% |
| 2D | Υ | Υ | Υ | N | N | N | 3 | 1% |
| 3A | Υ | Υ | Υ | Υ | N | N | 4 | 2% |
| 4 | Υ | Υ | N | N | N | N | 38 | 17% |
| 4A | N | N | N | N | N/A | N | 4 | 2% |
| 5 | Υ | N | N | N | N | N | 0 | 0% |
| 5A | Υ | Υ | N | N | N | N | 12 | 5% |
| 5AX | Υ | Υ | N | N | N | N | 0 | 0% |
| 5B | Υ | N | N | N | N | N | 12 | 5% |
| 5BX | Υ | N | N | N | N | N | 1 | 0% |
| 0 | N | N | N | N | N | N | 30 | 13% |
| X | - | - | - | - | - | - | 5 | 2% |
| 5X | - | - | - | - | - | - | 1 | 0% |
| <u>Ca</u> | ategory Descript | tion: | | | | | 228 | 100% |

Category Description:

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

1B - All PVC no Cleanout

2A - Cleanout installed, ready for rehab

2B - Ready for rehab

2D - BSSRAP/OHSP TV done

3A - Released to contractor for cleanout installation

4 - Inspection completed (Program application needed)

4A - Has an existing cleanout

5 - Inspections scheduled

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

5AX - Violation, BSSRAP needed

5B - Unable to TV

5BX - Unable to TV Violation

0 - Inspection Needed

X - Demolished

5X - Inspection done - Violation not corrected

2015 Basin I&I Ranking = 1

2016 Basin I&I Ranking = 27

2018 Basin I&I Ranking = 6

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

11% Complete

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE DATE 6/30/2020

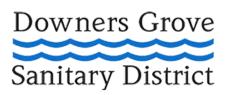
| | | | | | | | PREVIOUS MONTH | | | | |
|-------|--------------------------------------|--|------------------|---------------------------------------|---------------------|------------------------|--------------------------|----------------------------|----------------------|------------------------|---------------------|
| CAS | H BALANCES | | | | _ | TOTAL BALANCE | | | | | |
| ۸۵۵۵ | DUNT NAME | ACCOUNT NUM | DED | BALANCE PER BANK STATEMENT | | PER BANK | MONTHLY EARNINGS CREDIT | EARNINGS CREDIT PERCENTAGE | | | |
| DEF | POSIT | XXXXXXXXX111 | 6 | \$1,291,797.92 | | STATEMENTS | EARNINGS CREDIT | PERCENTAGE | | | |
| FLE | BURSEMENT XIBLE BENEFITS 'ROLL | XXXXXXXXXX111 XXXXXXXXXX602 XXXXXXXXX111 | 25 | 158,072.17 20,821.05 201,147.36 | | | | | | | |
| | TY CASH ER REFUNDS | XXXXXXXXX111 XXXXXXXXXX111 | | 3,328.68 5,677.06 | | | | | | | |
| TOTA | AL - CASH AT BANK | | | \$1,680,844.24 | | \$1,113,657.00 | \$151.15 | 0.0136% | | | |
| INVE | ESTMENTS | | | | ANNHIAI | GENERAL | IMPROVEMENT | CONCEDUCTION | PUBLIC | SEWER | INTEREST EARNED |
| TYPE | FINANCIAL INSTITUTION | TERM | MATURITY | AMOUNT | ANNUAL INT. RATE | CORPORATE FUND (01) | IMPROVEMENT FUND (02) | CONSTRUCTION FUND (03) | BENEFIT FUND (05) | EXTENSION FUND (71) | 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 |
| TOTA | AL 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 |
| | | | | | CURRENT RATE OF | | | | | | ESTIMATED ANNUAL |
| TYPE | FINANCIAL INSTITUTION | TERM | LAST ACTION DATE | AMOUNT* | RETURN | | | | | | RETURN |
| MM | AXOS BANK | ONGOING | 2/15/2019 | \$1,181.72 | 0.300% | \$1,181.72 | | | | | \$3.55 |
| MM | BANKFINANCIAL | ONGOING | 3/13/2013 | \$15,533.37 | 0.300% | \$15,533.37 | | | | | \$46.60 |
| MM | CIT BANK | ONGOING | 11/9/2016 | \$5,000.00 | 0.450% | \$5,000.00 | | | | | \$22.50 |
| MM | LIMESTONE BANK | ONGOING | 9/9/2013 | \$1,077.54 | 0.100% | \$1,077.54 | | | | | \$1.08 |
| MM | LISLE SAVINGS BANK | ONGOING | 9/2/2015 | \$1,002.83 | 0.200% | \$1,002.83 | | | | | \$2.01 |
| MM | LUANA SAVINGS BANK | ONGOING | 2/15/2019 | \$2,516.60 | 0.400% | \$2,516.60 | | | | | \$10.07 |
| MM | ROYAL SAVINGS BANK | ONGOING | 12/4/2012 | \$153.06 | 0.000% | \$153.06 | | | | | \$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 |
| TOTA | AL MM ACCOUNTS | | | \$281,619.21 | 0.474% | \$276,465.12 | \$5,154.09 | \$0.00 | \$0.00 | \$0.00 | \$1,335.79 |
| ILLIN | OIS FUNDS - MONEY MARKET | | | \$3,261,129.45 | 0.451% | \$1,842,690.45 | \$606,957.42 | \$811,481.58 | \$0.00 | \$0.00 | \$14,707.69 |
| TOT | AL - ALL INVESTMENTS | | | \$5,286,738.66 | 0.783% | \$3,313,155.57 | \$1,119,820.96 | \$811,481.58 | \$35,260.73 | \$7,019.82 | \$41,371.19 |

TOTAL CASH AND INVESTMENTS

\$6,967,582.90

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

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



General Manager Amy R. Underwood

Legal CounselMichael G. Philipp

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

 $Providing\,a\,Better\,Environment for\,South\,Central\,DuPage\,County$

Memo

To: Board of Trustees

From: Amy R. Underwood, General Manager

Date: July 17, 2020

Subject: Treasurer's Report for June 2020

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

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

| Year-to-date | Income | Expense |
|---------------------|--------------------------|--------------------------|
| General Fund | \$ 1,895,612.66 (page 1) | \$ 1,494,078.00 (page 6) |
| Improvement Fund | \$ 73,162.54 (page 7) | \$ 0.00 (page 7) |
| Construction Fund | \$ 143,503.47 (page 8) | \$ 0.00 (page 9) |
| Public Benefit Fund | \$ 88.37 (page 10) | \$ 0.00 (page 10) |
| TOTAL | \$ 2,112,367.04 | \$ 1,494,078.00 |

C: BOLI, WCC, MGP

Downers Grove Sanitary District Date: 07/14/2020

Treasurer's Report Recap for Month Ending 06/30/20

Page: 1

| Fund number & Description | Ending |
|-------------------------------|----------------|
| | Fund Balance |
| | |
| Fund 01 : GENERAL FUND | \$4,639,442.73 |
| Fund 02 : IMPROVEMENT FUND | \$1,212,358.54 |
| Fund 03 : CONSTRUCTION FUND | \$1,176,413.23 |
| Fund 05 : PUBLIC BENEFIT FUND | \$37,413.35 |
| | |
| Recap Totals | \$7,065,627.85 |

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 1 FUND 01 GENERAL FUND

| COST NUMBER DESCRIPTION | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | ACTUAL- BUDGET VARIANCE | VAR | TOTAL BUDGET |
|---|----------------------------|----------------------|------------------|-----------------|-------------------------------|---------------|-----------------|
| NUMBER DESCRIPTION | | | | | | | |
| DEPT 05 REVENUES | | | | | | | |
| 3000 PROPERTY TAXES | 619,333.45- | 637,160- | 634,864.69- | 637,160- | 2,295.31 | .4- | 1,254,500- |
| 3001 USER RECEIPTS | 254,147.32- | 250,198- | 467,544.80- | 534,906- | 67,361.20 | 12.6- | 3,451,000- |
| 3002 SURCHARGES | 22,809.80- | 31,250- | 51,558.86- | 62,500- | 10,941.14 | 17.5- | 375,000- |
| 3004 PLAN REVIEW FEES | .00 | 0 | .00 | 500- | 500.00 | 100.0- | 2,000- |
| 3005 CONSTRUCTION INSPECTION FEES | .00 | 0 | .00 | 120- | 120.00 | 100.0- | 500- |
| 3006 PERMIT INSPECTION FEES | 1,853.00- | 1,833- | 4,367.00- | 3,666- | 701.00- | 19.1 | 22,000- |
| 3007 INTEREST ON INVESTMENTS | 2,597.99- | 3,167- | 5,898.78- | 6,334- | 435.22 | 6.9- | 38,000- |
| 3013 SAMPLING AND MONITORING | 7,245.04- | 6,038- | 16,542.42- | 12,080- | 4,462.42- | 36.9 | 72,500- |
| 3014 REPLACEMENT TAXES | .00 | 0 | 12,033.18- | 11,900- | 133.18- | 1.1 | 75,000- |
| 3015 MISCELLANEOUS INCOME | 428.00- | 833- | 428.00- | 1,666- | 1,238.00 | 74.3- | 10,000- |
| 3021 TELEVISION INSPECTION | .00 | 0 | .00 | 0 | .00 | .0 | 150- |
| 3023 PROPERTY LEASE PAYMENTS | 2,878.78- | 2,904- | 5,757.56- | 5,808- | 50.44 | .9- | 34,850- |
| 3024 MONTHLY SERVICE FEES | 353,983.72- | 317,302- | 671,540.92- | 642,846- | 28,694.92- | 4.5 | 4,120,800- |
| 3027 GREASE WASTE | 12,455.00- | 16,667- | 25,076.45- | 33,334- | 8,257.55 | 24.8- | 200,000- |
| 3040 RENEWABLE ENERGY CREDITS | .00 | 0 | .00 | 0 | .00 | .0 | 3,000- |
| DEPT 05 TOTALS | 1,277,732.10- | 1,267,352- | 1,895,612.66- | 1,952,820- | 57,207.34 | 2.9- 9 | ,659,300- |
| FUND REVENUE TOTAL | 1,277,732.10- | 1,267,352- | 1,895,612.66- | 1,952,820- | 57,207.34 | 2.9- 9 | ,659,300- |
| SECT A SALARIES AND WAGES A001 TRUSTEES | .00 | 0 | 4,500.00 | 4,500 | .00 | .0 | 18,000 |
| A002 BOLI | .00 | 0 | .00 | 225 | 225.00- | 100.0- | 900 |
| A003 GENERAL MANAGEMENT | 18,333.75 | 19,536 | 46,926.20 | 43,955 | 2,971.20 | 6.8 | 244,200 |
| A004 FINANCIAL RECORDS | 16,274.19 | 15,552 | 39,464.20 | 34,992 | 4,472.20 | 12.8 | 194,400 |
| A005 ADMINISTRATIVE RECORDS | 2,144.34 | 2,024 | 5,060.33 | 4,554 | 506.33 | 11.1 | 25,300 |
| A006 ENGINEERING | 211.28 | 988 | 581.02 | 2,223 | 1,641.98- | 73.9- | 12,350 |
| A007 CODE ENFORCEMENT | 37,321.41 | 29,792 | 82,155.65 | 67,032 | 15,123.65 | 22.6 | 372,400 |
| A008 SAFETY ACTIVITIES | 2,260.38 | 1,780 | 5,318.93 | 4,005 | 1,313.93 | 32.8 | 22,250 |
| A030 BUILDING AND GROUNDS | 580.00 | 120 | 580.00 | 270 | 310.00 | 114.8 | 1,500 |
| A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE | 775.00 | 0 | 775.00 ====== | 0 ======= | 775.00 ======= | .0 :====== | 0 |
| SECT A TOTALS | 77,900.35 | 69,792 | 185,361.33 | 161,756 | 23,605.33 | 14.6 | 891,300 |
| SECT B OPERATIONS AND MAINTENANCE | _ | | | | _ | | - |
| B100 ELECTRICITY | 152.76 | 400 | 623.94 | 800 | 176.06- | 22.0- | 4,000 |
| B101 NATURAL GAS | 107.79 | 150 | 222.03 | 300 | 77.97- | 26.0- | 3,000 |
| B102 WATER, GARBAGE AND OTHER UTILITIES | .00 | 0 | 37.19 | 190 | 152.81- | 80.4- | 1,200 |
| B110 BANK CHARGES | 1,638.89 | 1,500 | 3,251.97 | 3,000 | 251.97 | 8.4 | 18,000 |
| B112 COMMUNICATION | 2,299.13 | 1,608 | 4,494.62 | 3,216 | 1,278.62 | 39.8 | 19,300 |
| B113 EMERGENCY/SAFETY EQUIPMENT | 139.06 | 3,500 | 2,245.25 | 7,000 | 4,754.75- | 67.9- | 42,000 |
| B115 EQUIPMENT/EQUIPMENT REPAIR | 11,079.96 | 6,100 | 13,064.71 | 12,200 | 864.71 | 7.1 | 93,000 |
| B116 SUPPLIES | 107.11 | 625 | 386.91 | 1,250 | 863.09- | 69.1- | 7,500 |
| B117 EMPLOYEE/DUTY COSTS | 50.76 | 1,667 | 339.74 | 3,334 | 2,994.26- | 89.8- | 20,000 |
| B118 BUILDING AND GROUNDS | 1,425.37 | 4,000 | 3,431.81 | 8,000 | 4,568.19- | 57.1- | 34,000 |
| - | , | , | | , | | • | |

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 2 FUND 01 GENERAL FUND

B401 CHEMICALS - DISINFECTION

| FUND UI GENERAL FUND | | | | | | | |
|---|----------------------|------------|--|------------------|--------------------|---------------|----------------------|
| | ACTUAL | BUDGET | | | ACTUAL- | | |
| COST | CURRENT | CURRENT | ACTUAL | BUDGET | BUDGET | VAR | TOTAL |
| NUMBER DESCRIPTION | MONTH | MONTH | Y-T-D | Y-T-D | VARIANCE | % | BUDGET |
| HONDER DEBORT FOR | | | | | | | |
| B119 POSTAGE | 1,062.44 | 792 | 1,062.44 | 1,584 | 521.56- | 32.9- | |
| B120 PRINTING/PHOTOGRAPHY | 4,098.00 | 7,500 | 4,098.00 | 7,800 | 3,702.00- | 47.5- | 12,000 |
| B121 USER BILLING MATERIALS | 5,346.09 | 6,333 | 9,844.78 | 12,666 | 2,821.22- | 22.3- | 76,000 |
| B124 CONTRACT SERVICES | 15,263.88 | 8,500 | 15,570.98 | 17,000 | 1,429.02- | 8.4- | 102,000 |
| B137 MEMBERSHIPS/SUBSCRIPTIONS | 219.00 | 0 | 219.00 | 1,000 | 781.00- | 78.1- | 11,100 |
| | ======== | | ======== | ======= | | | ======= |
| SECT B TOTALS | 42,990.24 | 42,675 | 58,893.37 | 79,340 | 20,446.63- | 25.8- | 452,600 |
| | | | ======== | ======= | ========= | | ======= |
| SECT C VEHICLES | | | | | | | |
| C222 GAS/FUEL | 21.24 | 125 | 60.76 | 350 | 289.24- | 82.6- | 2,000 |
| C225 OPERATION/REPAIR | 162.25 | 0 | 170.58 | 650 | 479.42- | 73.8- | 2,600 |
| | | | | | ========= | | |
| SECT C TOTALS | 183.49 | 125 | 231.34 | 1,000 | 768.66- | | 4,600 |
| | | | | | ========= | | |
| DEPT 11 TOTALS | 121,074.08 | 112,592 | ====================================== | 242,096 | 2,390.04 | | ======= 1,348,500 |
| DEFI II IOIALS | • | | | | =========== | | |
| DEPT 12 O & M EXPENSES - WWTC | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | |
| A006 ENGINEERING | 2,354.88 | 2,920 | 8,866.51 | 6,570 | 2,296.51 | 35.0 | 36,500 |
| A009 OPERATIONS MANAGEMENT | 8,127.16 | 8,328 | 16,276.68 | 18,738 | 2,461.32- | 13.1- | 104,100 |
| A010 MAINTENANCE - BUDGET | .00 | 42,404 | .00 | 95,409 | 2,401.35- | 2.5- | 530,050 |
| A011 MAINTENANCE - WWTC | 24,451.73 | 0 | 56,028.20 | 0 | .00 | .0 | 0 |
| A013 MAINTENANCE - ENERGY RECOVERY | 1,815.52 | 0 | 2,953.98 | 0 | .00 | .0 | 0 |
| A014 MAINTENANCE - ELECTRICAL | 15,105.47 | 0 | 34,025.47 | 0 | .00 | .0 | 0 |
| A020 WWTC - BUDGET | .00 | 46,112 | .00 | 103,752 | 23,576.17 | 22.7 | 576,400 |
| A021 WWTC - OPERATIONS | 33,231.74 | 0 | 80,896.86 | 0 | .00 | .0 | 0 |
| A022 WWTC - SLUDGE HANDLING | 17,995.77 | 0 | 44,612.41 | 0 | .00 | .0 | 0 |
| A023 WWTC - ENERGY RECOVERY | 879.33 | 0 | 1,818.90 | 0 | .00 | .0 | 0 |
| A030 BUILDING AND GROUNDS | 8,334.34 | 10,988 | 19,233.13 | 24,723 | 5,489.87- | 22.2- | 137,350 |
| A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE | 87.50 | 0 | 87.50 | 0 | 87.50 | .0 | 0 |
| | ======== | | ======== | ======= | | :====== | ======= |
| SECT A TOTALS | 112,383.44 | 110,752 | 264,799.64 | 249,192 | 15,607.64 | 6.3 | 1,384,400 |
| | ========== | | ======== | ======= | | :====== | ======= |
| SECT B OPERATIONS AND MAINTENANCE | 6 441 02 | 10.000 | 10 505 06 | 00.000 | 1 404 04 | п. о | 100 000 |
| B100 ELECTRICITY | 6,441.93 | | 18,595.96 | 20,000 | 1,404.04- | | • |
| B101 NATURAL GAS | 423.84 | 200 | 975.30 | 700 | 275.30 | 39.3 38.7- | 10,000 |
| B102 WATER, GARBAGE AND OTHER UTILITIES | 2,251.57 | 1,350 | 3,740.16 | 6,100 | 2,359.84- | | , |
| B103 ODOR CONTROL | .00 | 200 | .00 | 400 | 400.00- | 100.0- | • |
| B104 FUEL - GENERATORS | .00 | 1 667 | 215.80 | 3,500 | 3,284.20- | 93.8- | • |
| B112 COMMUNICATION | 1,540.94 | 1,667 | 3,042.74 | 3,334 | 291.26- | 8.7- | |
| B113 EMERGENCY/SAFETY EQUIPMENT | 410.30 2,241.80 | 792 | 2,193.30 | 1,584 | 609.30 | 38.5 | |
| B116 SUPPLIES | • | 2,692 | 3,533.00 | 5,384 | 1,851.00- | 34.4- | |
| B117 EMPLOYEE/DUTY COSTS B124 CONTRACT SERVICES | 309.85 209,816.00 | 2,600 0 | 532.76 209,816.00 | 4,700 209,800 | 4,167.24- 16.00 | 88.7- | 26,000 209,800 |
| B130 NPDES PERMIT FEES | 209,816.00 | 0 | .00 | 209,800 | .00 | .0 | 53,000 |
| B131 SLUDGE HAULING/DISPOSAL SERVICES | .00 | 0 | 46,777.50 | 0 | 46,777.50 | | 80,000 |
| B400 CHEMICALS - BUDGET | .00 | 10,054 | .00 | 20,108 | 6,851.61- | | |
| PIOO CHEMICARD DODGET | .00 | 10,034 | .00 | 20,100 | 0,001.01- | 24.1- | 120,030 |

5,927.81 0 8,861.28 0 .00 .0 0

DATE 07/14/20 MONTH ENDED 06/30/20 FUND 01 GENERAL FUND

ACTUAL BUDGET ACTUAL-COST CURRENT CURRENT ACTUAL BUDGET BUDGET VAR TOTAL NUMBER DESCRIPTION MONTH MONTH Y-T-DY-T-DVARIANCE 8 BUDGET ______ B402 CHEMICALS - SLUDGE DEWATERING 2,142.54 0 4,395.11 0 .00 .0 B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS 27,050 79,100 52,857.96-66.8- 216,126 1,242.04 26,242.04 1,293 23,511 B502 EOPT/EOPT REPAIR - DISINFECTION 2.146.92 4,019.97 2,586 1,433.97 55.5 707 126.79 B503 EOPT/EOPT REPAIR - EXCESS FLOW .00 1,414 1,287.21- 91.0- 23,487 884 510.00 1,768 1,258.00- 71.2- 38,859 B504 EOPT/EOPT REPAIR - GRIT REMOVAL .00 3,094 .00 12,188 12,188.00- 100.0- 43,132 B505 EQPT/EQPT REPAIR - INFLUENT PUMPING .00 51.020 B506 EQPT/EQPT REPAIR - PRIMARY TREATMENT .00 2.210 4.723.63 4.420 303.63 6.9 B507 EQPT/EQPT REPAIR - SECONDARY TREATMENT 5,293,90 23.315 5,293,90 46.630 41.336.10-88.7- 141.276 40,000 1,137.18 40,000 38,862.82- 97.2- 504,244 B508 EQPT/EQPT REPAIR - SLUDGE CONCENTRATION 1,137,18 B509 EOPT/EOPT REPAIR - SLUDGE DEWATERING 2,242.50 17,769 2,242.50 19,537 17,294.50-88.5- 687,168 B510 EOPT/EOPT REPAIR - SLUDGE DIGESTION 774.41 3,625 774.41 13.750 12.975.59-94.4-99,997 2,652.00- 100.0-B511 EQPT/EQPT REPAIR - TERTIARY TREATMENT .00 1,326 .00 2,652 28,414 B512 EOPT/EOPT REPAIR - WWTC GENERAL 721.06 1,043 968.54 7,711 6,742.46-87.4-35,010 B513 EQPT/EQPT REPAIR - WWTC UTILITIES 35,400 63,900 1,171.53 1,286.63 62,613.37-98.0- 795,606 B801 BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS .00 292 .00 584 584.00- 100.0- 3,500 B802 BLDG AND GROUNDS - DISINFECTION .00 100 .00 15,100 15,100.00- 100.0- 29,811 B803 BLDG AND GROUNDS - EXCESS FLOW 0 .00 3,560 3,560.00- 100.0- 3,560 .00 .00 176 176.00-B804 BLDG AND GROUNDS - GRIT REMOVAL 88 .00 100.0-1,061 B805 BLDG AND GROUNDS - INFLUENT PUMPING .00 664 . 00 1,328 1,328.00-100.0-7.963 884 .00 .00 100.0-B806 BLDG AND GROUNDS - PRIMARY TREATMENT 442 884.00-5.305 .00 B807 BLDG AND GROUNDS - SECONDARY TREATMENT 88 .00 176 176.00- 100.0-1,061 B809 BLDG AND GROUNDS - SLUDGE DEWATERING .00 715 .00 1,430 1,430.00- 100.0- 15,561 34.55 B810 BLDG AND GROUNDS - SLUDGE DIGESTION 310 620 94.4- 23.713 34.55 585 45-378.35 755.65-B811 BLDG AND GROUNDS - TERTIARY TREATMENT 321.95 567 1,134 66.6-6,805 B812 BLDG AND GROUNDS - WWTC GENERAL 4,125.64 22,470 6,117.46 44,940 38,822.54-86.4- 202,019 .00 B813 BLDG AND GROUNDS - WWTC UTILITIES .00 266 266.00- 100.0-1,591 133 ______ SECT B TOTALS 250,718.26 213.140 356,534.86 641,464 284,929.14- 44.4-3,714,050 ______ SECT C VEHICLES C222 GAS/FUEL 1,026.08 2,417 1,705.22 4,834 3.128.78-64.7-667 95.89 92.8-C225 OPERATION/REPAIR 70.90 1.334 1.238.11-8.000 .00 C226 VEHICLE PURCHASES Ω .00 5,000 5,000.00- 100.0-10.000 SECT C TOTALS 3,084 1,801.11 11,168 9,366.89- 83.9-1.096.98 ______ ______ DEPT 12 TOTALS 364,198.68 326,976 623,135.61 901,824 278,688.39- 30.9- 5,145,450 ______ DEPT 13 O & M EXPENSES - LABORATORY SALARIES AND WAGES A009 OPERATIONS MANAGEMENT 8,084.58 6,580 15,296.53 14,805 491.53 3.3 82,250 .00 13,356 .00 30,051 577.81 166.950 A040 LABORATORY - BUDGET 1.9 A041 LAB - WWTC 0 29,392.71 0 12,318.66 .00 . 0 0 .00 A042 LAB - PRETREATMENT 872.63 0 0 .00 . 0 Ο A048 LAB - ENERGY RECOVERY 363.47 0 120.90 Ω 0 .00 . 0 ______ SECT A TOTALS 20,524.14 19,936 45,925.34 44,856 1,069.34 2.4 249,200

PAGE 3

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 4 FUND 01 GENERAL FUND

| COST | ACTUAL CURRENT | BUDGET CURRENT | ACTUAL | BUDGET | ACTUAL- BUDGET | VAR | TOTAL |
|--|-------------------|-------------------|-----------|---------|-----------------------|---------|-----------|
| NUMBER DESCRIPTION | MONTH | MONTH | Y-T-D | Y-T-D | VARIANCE | ૪ | BUDGET |
| ======================================= | ======== | ======== | | ======= | ======== | ======= | ======= |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | |
| B114 CHEMICALS | 1,264.30 | 1,487 | 1,264.30 | 2,970 | 1,705.70- | 57.4- | 17,800 |
| B115 EQUIPMENT/EQUIPMENT REPAIR | 148.83 | 1,333 | 462.83 | 2,666 | 2,203.17- | 82.6- | 16,000 |
| B116 SUPPLIES | 1,717.26 | 1,758 | 1,777.56 | 3,516 | 1,738.44- | 49.4- | 21,100 |
| B117 EMPLOYEE/DUTY COSTS | .00 | 467 | .00 | 934 | 934.00- | 100.0- | 5,600 |
| B122 MONITORING EQUIPMENT | .00 | 0 | .00 | 2,250 | 2,250.00- | 100.0- | 9,000 |
| B123 OUTSIDE LAB SERVICES | 655.61 | 1,642 | 2,498.89 | 3,284 | 785.11- ======== | 23.9- | 19,700 |
| SECT B TOTALS | 3,786.00 | 6,687 | 6,003.58 | 15,620 | 9,616.42- ======== | 61.6- | 89,200 |
| SECT C VEHICLES | | | | | | | |
| C222 GAS/FUEL | 11.40 | 46 | 46.67 | 92 | 45.33- | 49.3- | 550 |
| C225 OPERATION/REPAIR | 16.20 | 0 | 16.20 | 50 | 33.80- | 67.6- | 200 |
| | ======== | ======== | | ======= | ======== | ======= | |
| SECT C TOTALS | 27.60 | 46 | 62.87 | 142 | 79.13- | 55.7- | 750 |
| = | ========= | | ======== | ======= | ========= | ======= | |
| DEPT 13 TOTALS | 24,337.74 | 26,669 | 51,991.79 | 60,618 | 8,626.21- | 14.2- | 339,150 |
| DEPT 14 O & M EXPENSES - SEWER SYSTEM | ======== | ======== | ======== | ======= | ======== | ======= | |
| SECT A SALARIES AND WAGES | | | | | | | |
| A006 ENGINEERING | 1,918.75 | 1,228 | 2,083.51 | 2,763 | 679.49- | 24.6- | 15,350 |
| A050 SEWER MAINTENANCE - BUDGET | .00 | 16,280 | .00 | 36,630 | 11,577.36 | 31.6 | 203,500 |
| A051 SEWER MAINTENANCE | 19,121.67 | 0 | 45,282.36 | 0 | .00 | .0 | 0 |
| A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 1,024.99 | 0 | 2,925.00 | 0 | .00 | .0 | 0 |
| A060 INSPECTION - BUDGET | .00 | 19,568 | .00 | 44,028 | 14,372.76- | 32.6- | 244,600 |
| A061 INSPECTION - NEW CONSTRUCTION | 157.80 | 0 | 860.02 | 0 | .00 | .0 | 0 |
| A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 3,554.45 | 0 | 7,318.65 | 0 | .00 | .0 | 0 |
| A063 INSPECTION - PERMIT INSPECTIONS | 694.32 | 0 | 1,909.38 | 0 | .00 | .0 | 0 |
| A064 INSPECTION - MISCELLANEOUS | 315.60 | 0 | 1,326.18 | 0 | .00 | .0 | 0 |
| A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES | 6,733.16 | 0 | 15,650.98 | 0 | .00 | .0 | 0 |
| A066 INSPECTION - CODE ENFORCEMENT | 646.98 | 0 | 2,590.03 | 0 | .00 | .0 | 0 |
| A070 SEWER INVESTIGATIONS - BUDGET | .00 | 820 | .00 | 1,845 | 1,845.00- | 100.0- | 10,250 |
| A090 WORK FROM HOME REIMBURSEMENT ALLOWANCE | 225.00 | 0 | 225.00 | 0 | 225.00 | .0 | 0 |
| SECT A TOTALS | 34,392.72 | 37,896 | 80,171.11 | 85,266 | 5,094.89- | 6.0- | 473,700 |
| = SECT B OPERATIONS AND MAINTENANCE | ======== | ======== | ======== | ======= | ========= | ======= | |
| B112 COMMUNICATION | 564.97 | 958 | 1,129.94 | 1,916 | 786.06- | 41.0- | 11,500 |
| B113 EMERGENCY/SAFETY EQUIPMENT | .00 | 363 | 502.00 | 726 | 224.00- | 30.9- | 4,350 |
| B115 EQUIPMENT/EQUIPMENT REPAIR | .00 | 4,954 | 4,219.82 | 9,908 | 5,688.18- | 57.4- | 59,450 |
| | | | | | | | |
| B116 SUPPLIES | 176.27 | 333 | 288.23 | 666 | 377.77- 2,141.52- | | 4,000 |
| B117 EMPLOYEE/DUTY COSTS | 67.80 | 1,125 | 108.48 | 2,250 | • | 95.2- | 13,500 |
| B124 CONTRACT SERVICES | .00 | 8,750 | .00 | 17,500 | 17,500.00- | 100.0- | 105,000 |
| B127 JULIE SYSTEM | .00 | 1,396 | .00 | 2,792 | 2,792.00- | 100.0- | 16,750 |
| B128 OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM | 1,750.00 | 1,250 | 1,750.00 | 2,500 | 750.00- | 30.0- | 15,000 |
| B129 REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE | .00 | 1,000 | .00 | 2,000 | 2,000.00- | 100.0- | 12,000 |
| B900 SEWER SYSTEM REPAIRS - BUDGET | .00 | 110,000 | .00 | 160,000 | 86,698.18- | | 1,631,600 |
| B902 SEWER SYSTEM REPAIRS - REPLACEMENT | 2,285.00 | 0 | 2,285.00 | 0 | .00 | .0 | 0 |

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 5 FUND 01 GENERAL FUND

| COST NUMBER DESCRIPTION | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | ACTUAL- BUDGET VARIANCE | VAR | TOTAL BUDGET |
|---|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|---------|-----------------|
| | | | ======== | ======= | ========= | ====== | |
| B903 SEWER SYSTEM REPAIRS - REHABILITATION | 395.00 | 0 | 395.00 | 0 | .00 | .0 | 0 |
| B910 SEWER SYSTEM REPAIRS - BSSRAP PROGRAM | 38,193.80 | 0 | 70,621.82 | 0 | .00 | .0 | 0 |
| | ======== | | | ======= | ========= | ======= | |
| SECT B TOTALS | 43,432.84 | 130,129 | 81,300.29 | 200,258 | 118,957.71- | 59.4- 1 | 1,873,150 |
| | ========== | | ======== | ======= | ========= | ======= | |
| SECT C VEHICLES | | | | | | | |
| C222 GAS/FUEL | 548.85 | 2,167 | 1,263.44 | 4,334 | 3,070.56- | 70.9- | 26,000 |
| C225 OPERATION/REPAIR | 28.90 | 558 | 70.55 | 1,116 | 1,045.45- | 93.7- | 6,700 |
| C226 VEHICLE PURCHASES | .00 | 44,500 | .00 | 44,500 | 44,500.00- | 100.0- | 44,500 |
| | ======== | | ======== | ======= | ========= | ======= | |
| SECT C TOTALS | 577.75 | 47,225 | 1,333.99 | 49,950 | 48,616.01- | 97.3- | 77,200 |
| | ========= | | ======== | ======= | ========= | ======= | |
| | | | | | ========= | | |
| DEPT 14 TOTALS | 78,403.31 | 215,250 | 162,805.39 | 335,474 | 172,668.61- | 51.5- 2 | 2,424,050 |
| | ========= | | ======== | ======= | | ======= | |
| DEPT 15 O & M EXPENSES - LIFT STATIONS | | | | | | | |
| | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | |
| A006 ENGINEERING | .00 | 312 | .00 | 702 | 702.00- | 100.0- | 3,900 |
| A009 OPERATIONS MANAGEMENT | .00 | 792 | .00 | 1,782 | 1,782.00- | 100.0- | 9,900 |
| A030 BUILDING AND GROUNDS | .00 | 736 | .00 | 1,656 | 1,656.00- | 100.0- | 9,200 |
| A080 LIFT STATION MAINTENANCE | 1,711.27 | 6,192 | 5,921.08 | 13,932 | 8,010.92- | 57.5- | 77,400 |
| | | | | | ========= | | |
| SECT A TOTALS | 1,711.27 | 8,032 | 5,921.08 | 18,072 | 12,150.92- | 67.2- | 100,400 |
| | | | ======== | ======= | | | |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | |
| B100 ELECTRICITY | 11,354.77 | 10,625 | 18,053.62 | 21,250 | 3,196.38- | 15.0- | 127,500 |
| B104 FUEL - GENERATORS | .00 | 0 | .00 | 1,125 | 1,125.00- | 100.0- | 4,500 |
| B112 COMMUNICATION | 358.62 | 500 | 717.20 | 1,000 | 282.80- | 28.3- | 6,000 |
| B113 EMERGENCY/SAFETY EQUIPMENT | .00 | 0 | .00 | 500 | 500.00- | 100.0- | 1,000 |
| B116 SUPPLIES | .00 | 0 | .00 | 100 | 100.00- | 100.0- | 400 |
| B520 EQPT/EQPT REPAIR - BUTTERFIELD | 451.47 | 100 | 451.47 | 200 | 251.47 | 125.7 | 2,294 |
| B521 EQPT/EQPT REPAIR - CENTEX | 103.16 | 330 | 103.16 | 660 | 556.84- | 84.4- | 5,033 |
| B522 EQPT/EQPT REPAIR - COLLEGE | 103.16 | 927 | 429.79 | 1,854 | 1,424.21- | 76.8- | 12,697 |
| B523 EQPT/EQPT REPAIR - EARLSTON | 103.16 | 100 | 103.16 | 200 | 96.84- | 48.4- | 2,183 |
| B524 EQPT/EQPT REPAIR - HOBSON | 4,325.97 | 0 | 4,337.57 | 9,750 | 5,412.43- | 55.5- | 19,947 |
| B525 EQPT/EQPT REPAIR - LIBERTY PARK | 103.16 | 120 | 103.16 | 240 | 136.84- | 57.0- | 3,748 |
| B526 EQPT/EQPT REPAIR - NORTHWEST | 103.16 | 425 | 103.16 | 850 | 746.84- | 87.9- | 6,674 |
| B527 EQPT/EQPT REPAIR - VENARD | 451.47 | 120 | 451.47 | 240 | 211.47 | 88.1 | 5,404 |
| B528 EQPT/EQPT REPAIR - WROBLE | 103.16 | 110 | 103.16 | 220 | 116.84- | 53.1- | 10,472 |
| B529 EQPT/EQPT REPAIR - LIFT STATIONS GENERAL | .00 | 2,260 | 152.00 | 11,020 | 10,868.00- | 98.6- | 36,848 |
| B820 BLDG AND GROUNDS - BUTTERFIELD | 157.75 | 0 | 220.85 | 0 | 220.85 | .0 | 0 |
| B821 BLDG AND GROUNDS - CENTEX | 157.75 | 0 | 220.85 | 0 | 220.85 | .0 | 0 |
| B823 BLDG AND GROUNDS - EARLSTON | 157.75 | 0 | 220.85 | 0 | 220.85 | .0 | 0 |
| B824 BLDG AND GROUNDS - HOBSON | 157.75 | 0 | 332.12 | 0 | 332.12 | .0 | 0 |
| B825 BLDG AND GROUNDS - LIBERTY PARK | 157.75 | 0 | 220.85 | 0 | 220.85 | .0 | 0 |
| B826 BLDG AND GROUNDS - NORTHWEST | 157.75 | 0 | 220.85 | 0 | 220.85 | .0 | 25,000 |
| B827 BLDG AND GROUNDS - VENARD | 157.75 | 0 | 220.85 | 0 | 220.85 | .0 | 0 |
| B828 BLDG AND GROUNDS - WROBLE | 157.75 | 0 | 220.85 | 0 | 220.85 | .0 | 5,000 |
| B829 BLDG AND GROUNDS - LIFT STATIONS GENERAL | .00 | 2,142 | .00 | 6,284 | 6,284.00- | | 27,700 |
| SECT B TOTALS | 18,823.26 | 17,759 | 26,986.99 | 55,493 | 28,506.01- | 51.4- | 302,400 |
| | | | | | ========== | | |

TREASURER'S REPORT

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 6 FUND 01 GENERAL FUND

| | COST | ACTUAL CURRENT | BUDGET CURRENT | ACTUAL | BUDGET | ACTUAL- BUDGET | VAR | TOTAL |
|-------------|-------------------------------------|-------------------|-------------------|---|---|-------------------|--------------|----------|
| NUMBER | DESCRIPTION | MONTH | MONTH | Y-T-D | Y-T-D | VARIANCE | % | BUDGET |
| ======== | | | | ======================================= | ======================================= | | :====== | |
| DEPT 1 | L5 TOTALS | • | • | • | • | 40,656.93- | | · |
| DEPT 17 | O & M EXPENSES - INSURANCE & EMPLOY | | ======= | ======= | ======= | ======== | ====== | ======= |
| SECT E | INSURANCE AND EMPLOYEE BENEFITS | | | | | | | |
| E452 LIABII | LITY/PROPERTY | 3,450.91 | 0 | 207,171.82 | 208,000 | 828.18- | .4- | 208,000 |
| E455 EMPLOY | YEE GROUP HEALTH | 39,210.61 | 42,833 | 76,278.57 | 85,666 | 9,387.43- | 11.0- | 514,000 |
| E460 IMRF | | 25,144.66 | 26,235 | 51,445.71 | 58,274 | 6,828.29- | 11.7- | 318,000 |
| E461 SOCIAL | SECURITY | | • | • | 41,967 | 1,888.00 | | 232,000 |
| SECT E | I TOTALS | 86,411.74 | | | | 15,155.90- | | |
| DEPT 1 | 17 TOTALS | 86,411.74 | 87,721 | 378,751.10 | 393,907 | 15,155.90- | 3.9- 1 | ,272,000 |
| DEPT 91 | SA EXPENSE | | | | | | | |
| DEPT 9 | P1 TOTALS | .00 | 0 | .00 | 0 | .00 | ·====== (| • |
| FUND E | EXPENSE TOTAL | 694,960.08 | 794,999 | 1,494,078.00 | 2,007,484 | 513,406.00- | 25.6-10 | ,931,950 |
| FUND (| 01 TOTALS | | 472,353- | 401,534.66- | 54,664 | 456,198.66- | 834.6- 1 | ,272,650 |

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 7

FUND 02 IMPROVEMENT FUND

| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | TOTAL BUDGET | |
|-------------|------------------|-------------------------------|-----------------------|----------------------|-----------------|--------------|-----------------|--|
| DEPT 05 | REVENUES | | | | | | | |
| | EST ON INVESTMEN | CHARGES | 604.48- 70,883.33- | 7,500- | 70,883.33- | · | 90,000- | |
| DEPT (| 05 TOTALS | | 71,487.81- | 8,908- | 73,162.54- | 17,816- | 106,900- | |
| DEPT 30 | CAPITAL EXP - | = - ARRA - LOAN REPAYMENTS | ======== | :======== | ======== | ======= | :======= | |
| 0500 PROJE | CT BUDGET | | .00 | 0 | .00 | 0 | 93,200 | |
| DEPT : | 30 TOTALS | = | .00 | 0 | .00 | 0 | 93,200 | |
| DEPT 36 | CAPITAL EXP - | = - LIBERTY PARK LIFT STAT | | ======== | ======= | ======= | :======= | |
| DEPT : | 36 TOTALS | _ | .00 | 0 | .00 | 0 | 0 | |
| DEPT 47 | CAPITAL EXP - | = - CENTEX LIFT STATION UP | | | | | | |
| 0502 DESIG | N ENGINEERING/AF | | .00 | 0 | .00 | 0 | 50,000 | |
| DEPT 4 | 47 TOTALS | = | .00 | 0 | .00 | 0 | 50,000 | |
| DEPT 74 | CAPITAL EXP - | = - SEWER - UNSEWERED AREA | | :======= | ======== | ======= | :======= | |
| 0500 PROJEC | CT BUDGET | | .00 | 0 | .00 | 0 | 7,500 | |
| DEPT ' | 74 TOTALS | | .00 | 0 | .00 | 0 | 7,500 | |
| FUND 1 | EXPENSE TOTAL | | .00 | 0 | .00 | 0 | 150,700 | |
| FUND (| 02 TOTALS | = | 71,487.81- | | 73,162.54- | 17,816- | 43,800 | |

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 8

CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT

FUND 03 CONSTRUCTION FUND

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL NUMBER DESCRIPTION MONTH MONTH Y-T-DY-T-D BUDGET 295.19- 1,371- 808.62- 2,742- 16,450-3007 INTEREST ON INVESTMENTS 3009 SEWER PERMIT FEES 138,518.85- 20,833- 142,694.85- 41,666- 250,000-______ 138,814.04- 22,204- 143,503.47- 44,408- 266,450-DEPT 05 TOTALS ______ DEPT 30 CAPITAL EXP - ARRA - LOAN REPAYMENTS 0500 PROJECT BUDGET .00 0 28,900 .00 ______ DEPT 30 TOTALS .00 0 28,900 ______ DEPT 31 CAPITAL EXP - WWTC - CHP BIOGAS ______ DEPT 31 TOTALS .00 0 .00 0 CAPITAL EXP - WWTC - SECOND TURBOBLOWER ______ DEPT 32 TOTALS .00 0 ______ DEPT 33 CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING ______ 0 .00 DEPT 33 TOTALS 0 0 ______ DEPT 34 CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP ______ 0 .00 0 DEPT 34 TOTALS . 0.0 ______ DEPT 35 CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2 ______ DEPT 35 TOTALS .00 0 0 0 ______ DEPT 37 CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2 ______ DEPT 37 TOTALS 0 0 .00 ______ DEPT 38 CAPITAL EXP - WWTC - PROPERTY ACQUISITION ______ .00 0 DEPT 38 TOTALS 0 .00 ______

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 9

FUND 03 CONSTRUCTION FUND

| | | ACTUAL | BUDGET | | | | |
|----------|-------------------------------------|---------------|-----------|-------------|----------|----------|---|
| | COST | CURRENT | CURRENT | ACTUAL | BUDGET | TOTAL | |
| NUMBER | DESCRIPTION | MONTH | MONTH | Y-T-D | Y-T-D | BUDGET | |
| ======== | | | ======== | | .======= | ======== | |
| | | ========== | ======== | | .======= | | |
| DEPT 3 | 9 TOTALS | .00 | 0 | .00 | 0 | 0 | |
| DEPT 40 | CAPITAL EXP - WWTC - LOAN REPAYMENT | ======== r | | ======= | | | |
| | | ========== | :======== | ========= | :======= | ======== | ======================================= |
| DEPT 4 | 0 TOTALS | .00 | 0 | .00 | 0 | 0 | |
| FUND E | XPENSE TOTAL | .00 | 0 | .00 | 0 | 28,900 | |
| FUND 0 | 3 TOTALS | 138,814.04- | 22,204- | 143,503.47- | 44,408- | 237,550- | |

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 10 FUND 05 PUBLIC BENEFIT FUND

FUND EXPENSE TOTAL

FUND 05 TOTALS

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL Y-T-DY-T-D BUDGET NUMBER DESCRIPTION MONTH MONTH ------44.91- 46- 88.37- 92- 550-3007 INTEREST ON INVESTMENTS 550-DEPT 05 TOTALS 44.91- 46-88.37- 92-______ DEPT 59 CAPITAL EXP - SEWER - SEWER EXTENSIONS ______ .00 0 .00 0 DEPT 59 TOTALS ______ DEPT 65 CAPITAL EXP - SEWER - REIMB FOR ADDED DEPTH ______ DEPT 65 TOTALS .00 0 .00 0 ______

0

.00

44.91- 46- 88.37- 92- 550-

0

0

DATE 07/14/20 MONTH ENDED 06/30/20 PAGE 11

FUND 71 SEWER EXTENSIONS ESCROW

FUND 71 TOTALS

| | COST | ACTUAL CURRENT | BUDGET CURRENT | ACTUAL | BUDGET | TOTAL | |
|-------------|-------------------|-------------------|-------------------|----------------|----------|---------|--|
| NUMBER | DESCRIPTION | MONTH | MONTH | Y-T-D | Y-T-D | BUDGET | |
| DEPT 05 | REVENUES | | | | | | |
| 3007 INTERE | ST ON INVESTMENTS | 8.92- | - 0 | 17.55- | 0 | 0 | |
| DEPT 0 | 5 TOTALS | 8.92 | - 0 | 17.55- | 0 | 0 | |
| DEPT 92 | SEWER EXPENSE | | | | | | |
| | | ========= | ========= | | | ======= | |
| DEPT 9 | 2 TOTALS | .00 | 0 ========= | .00 ======= | 0 | 0 | |
| FUND E | EXPENSE TOTAL | .00 | 0 | .00 | 0 | 0 | |
| | | ========= | | | ======== | ======= | |

8.92- 0 17.55- 0 0



MASTER PLAN FOR SALT CREEK AT FULLERSBURG WOODS

FACT SHEET

HISTORY OF THE GRAUE MILL DAM AT FULLERSBURG WOODS

The Graue Mill dam is located on Salt Creek adjacent to Graue Mill in the Fullersburg Woods Forest Preserve in the Village of Oak Brook. The dam is owned by the Forest Preserve District of DuPage County (FPDDC).

In the 1830s a brushwood dam was constructed on the site. This dam was destroyed a few years later by flooding (ASME 1981)[1]. A log dam replaced the brushwood dam in 1844, which in turn was replaced by a plank and crib dam in 1879. The plank and crib dam washed away in 1916.

In 1933, the site was purchased by the FPDDC and in 1934 the Civilian Conservation Corps built the much shorter concrete dam that exists at the site today. This dam has a crest length of 132 ft. (40.3 m) and stands 6.2 ft. (1.9 m) high. The impoundment created by the dam spans 16 acres and is approximately 3,900 linear feet in length. The current dam is not a recreation of an earlier period dam nor is correctly sized to power the mill wheel reliably.

The adjacent mill was originally constructed in 1852 and was heavily refurbished by the Civilian Conservation Corps in 1934 (ASME 1981). Since 1934, additional work has occurred at the Mill including converting the gristmill operations to electricity.

[1] The American Society of Mechanical Engineers. May 2, 1981. Old Graue Mill: An Illinois Historic Mechanical Engineering Landmark.



DID YOU KNOW...?

The Graue Mill gristmill still operates today, but it does not rely on the waterwheel for power. Instead, the internal gears and millstones are turned by an electric motor.



WHY REMOVE THE DAM?

The Illinois Environmental Protection Agency (IEPA) monitors Clean Water Act compliance via surveys of water chemistry and aquatic life (fish and insects). If the surveys identify any water quality problems, the stream is listed as impaired and enforcement actions are issued via permits for the wastewater treatment plants (WWTPs) that discharge to stream.

Salt Creek is listed as impaired for biology (lacking fish and insects) and in 2004 tighter restrictions were suggested for area WWTPs as a remedy. If implemented, these would cost utility and taxpayers an estimated \$213 Million[2] (B&W 2018 in 2020 dollars) in capital costs alone.

Evidence suggests that, despite these costs, the tighter restrictions on the WWTPs will not move the Creek significantly towards compliance with the Clean Water Act. Local sampling and studies identified three (3) primary reasons why the river segment is failing to meet biological requirements:

BLOCKAGE OF FISH PASSAGE

There is a large decrease in fish biodiversity as we move upstream of the dam. This decrease is due to the physical barrier of the dam. Sixteen (16) native river fish species including blackside darter, emerald shiner, johnny darter, northern pike and rock bass are absent upstream of the dam. The modification of the dam will allow these fish to establish themselves in the watershed up to the Busse Woods Dam in Schaumburg.

LOW DISSOLVED OXYGEN (DO)

DO is the amount of oxygen that is present in the water. Just like humans, all of Salt Creek's living creatures – from fish to insects – need oxygen to survive. The lowest DO levels in Salt Creek are consistently associated with the Graue Mill dam.

POOR IN-STREAM AND RIPARIAN HABITAT CONDITIONS

River fish and macroinvertebrates (bugs) need flowing water, gravel bottoms, and low levels of muddy sediment. The habitat behind the dam consists of stagnant water and sediment. The poor habitat explains the drop in insect species upstream of the dam.

Each of these issues is directly associated with the presence of the dam. State and Federal Agencies have agreed to allow local partners to implement an alternative local plan that will be more efficient with public money. These local partners, working together as the DuPage River Salt Creek Workgroup (DRSCW), have developed an alternative plan for the entire watershed, which includes dam removals and promises not only public savings, but greater environmental benefits as well.

[2] Baxter & Woodman. December 5, 2018. Technical Memorandum - Planning Level Cost Estimate for Additional BOD & Ammonia Removal at WRRFs Tributary to Salt Creek.



SALT CREEK IS AN IMPAIRED STREAM ACCORDING TO THE IEPA.

To increase the diversity of fish and insects in the stream without removing the dam, upgrades to WWTPs would cost an estimated \$213 million. However, this great expense to taxpayers would still not be enough to meet Clean Water Act requirements.





The Master Plan for Salt Creek at Fullersburg Woods honors history while improving water quality, enhancing recreational opportunities, and saving taxpayer dollars.

MASTER PLAN FOR SALT CREEK AT FULLERSBURG WOODS

The Master Plan for Salt Creek at Fullersburg Woods goes beyond dam removal, it is a full stream corridor restoration project. The Master Plan for Salt Creek at Fullersburg Woods will improve water quality, recreation and education on Salt Creek while saving taxpayer money.

WATER QUALITY IMPROVEMENTS

The Master Plan relies on the benefits of healthy, naturally free-flowing rivers to improve water quality in Salt Creek beyond what could be achieved through additional public spending on wastewater treatment. The project will replace the Graue Mill dam with a rock riffle structure that will create safe passage for paddlers and allow fish to travel for 17 miles upstream of the dam for the first time in nearly 90 years. The removal of the dam will not necessitate any alteration to the historic millhouse, which has used an electric motor for its milling operations for several years.

Additionally, over a mile of river upstream of the dam will be restored by creating wetlands, planting native vegetation, enhancing in-stream habitat and more. These enhancements will be designed to improve the aquatic habitat of Salt Creek and promote healthy populations of fish, macroinvertebrates, birds, and reptiles.

RECREATION AND EDUCATION OPPORTUNITIES

The project benefits go beyond ecology. The Master Plan for Salt Creek at Fullersburg Woods includes education and recreational elements to complement the water quality improvements. Proposed amenities include canoe/kayak launches, fishing stations that provide access to the creek and educational signs. Content for the educational signs will focus on the benefits of dam removal and stream restoration as well as honoring the history of the site and its milling operations.

SAVE TAXPAYERS MONEY

The Master Plan will allow upstream communities to forgo hugely expensive upgrades at their wastewater treatment plants. Analysis shows that improvements to water quality due to dam removal are more effective and cheaper than plant upgrades. Plant upgrades have been estimated at \$213 million in capital costs and \$8 million a year in increased running costs. Such upgrades will marginally increase water quality upgrades but cannot restore the river's fish biodiversity.



PROJECT HIGHLIGHTS

- Creating a 30% increase in fish diversity in the 17 miles north of the dam
- Improved water quality in the area upstream of the dam
- Avoidance of large unproductive costs for public entities
- Maintained aesthetic and auditory experiences of falling and flowing water at the water feature at the site
- Increased recreation and educational opportunities provided by safe access to Salt Creek, canoe launches and educational signs
- Maintaining water flow in the millrace

RESTORE SALT CREEK

This project includes much more than the area around Graue Mill. The restoration of Salt Creek will revitalize over one mile upstream of Graue Mill by stabilizing the stream bank, diversifying habitat for aquatic life, and planting native vegetation along the stream.



PUBLIC INPUT ON THE MASTER PLAN

The DRSCW is seeking public input on the plan to restore Salt Creek. Visit **RestoreSaltCreek.org** to learn more about the project and the Master Plan for Salt Creek at Fullersburg Woods. There you'll find recorded presentations and registration for a live webinar on Tuesday, July 7, 2020 at 7pm or Thursday, July 9, 2020 at 11am. A survey will be available to submit comments on the project following the July 7th webinar.

WWTC Operations Data – May

The DMR for May indicates that the final effluent averaged 1.10 mg/l CBOD, 0.80 mg/l suspended solids and 0.30 mg/l ammonia nitrogen over a daily average flow of 15.46 MGD. There was 1 excursion on May 17th over our total suspended solids (TSS) limit on our 003 outfall. The grab sample result for the 9.1 hour event was 31.6 mg/L TSS in comparison to our monthly average limit of 30 mg/L TSS.

Sewer Permits – May

There were 10 sewer permits issued in May -3 single family, 3 commercial, and 4 disconnections.

Financial Data - May

In May, the District received \$617,881 in the General fund, including \$213,397 in user charges, \$28,749 in surcharges, and \$317,557 in monthly fees. General fund expenses totaled \$799,118. The Improvement fund had revenues of \$1,675 and expenses of \$0. The Construction fund had revenues of \$4,689 and expenses of \$0.

Employee T-Shirt Orders

Like last year, we will again be utilizing the online T-Shirt ordering process through the DGSD Employee Portal for employees. This will allow employees the flexibility of selecting their desired quantities and colors, and the corresponding amount will be deducted from each employee's annual reimbursement amount. This will be available to employees no later than Tuesday, June 23 (an email will go out notifying you of its availability) and the deadline for orders will be Tuesday, June 30.

TopHealth

The July issue of TopHealth is enclosed.

COVID-19 Response

At the June 16 Board of Trustees meeting, the Trustees thanked everyone for good work under some difficult and unusual circumstances and that we have been able to keep good operations going in spite of all the remote operations. The Trustees commend everyone at the District on your continued patience and thank you for remaining safe.

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

Bids were opened for this project on June 11th. The bids came in over budget. Staff and B&W are in the process of analyzing the bids and intend to make a recommendation on how to proceed to the Board of Trustees at the July Board meeting.

2) WWTC WAS Mechanical Thickening

R.J. O'Neil has set the thickener in place in the basement. The pumps are expected to arrive in early July. Thank you to all employees who responded when the basement flooded and assisted in the cleanup.

3) Composting Pilot

The control panel for the pilot has arrived. The pilot is expected to start the week after July 4th.

4) Paving Contract

The paving contract has been awarded to Meyer Paving.

5) Sludge Drying Beds Cover

Baxter & Woodman is currently preparing plans and specifications for a cover over the Sludge Drying Beds. The design has been placed on hold until the soils reports is completed.

6) Stanley Avenue Sanitary Sewer Rehabilitation

On June 16, the Board of Trustees awarded the Stanley Avenue Sanitary Sewer Rehabilitation Project to Insituform Technologies USA, LLC of Chesterfield, Missouri in the amount of \$102,812.

7) Sherman Street Sanitary Sewer Replacement

Bids were opened for this project on June 10th. A decision on whether to award the project will be made before the August Board of Trustees meeting.

8) CHP #1 Replacement

CHP #1 will be replaced with a new 375-kW Nissen unit. The work will be performed design-build by Baxter & Woodman & Boller Construction Company LLC. The agreement was signed on June 19, and the Notice to Proceed was issued.

9) BSSRAP Contract Amendment

On May 19, the Board of Trustees approved renewal of the District's BSSRAP contract with Uno Construction Co., Inc. of Downers Grove, IL for the 2020-2021 contract year with a 3% increase in unit costs for a total contract award of \$1,193,470.84.

10) 2020 Painting Services

The 2020 painting services will be advertised on June 25^{th} , and bids will be opened on July 14^{th} .

Personnel

With Ted Cherwak's last day with the District on June 30, Keith Shaffner has been promoted to the position of Sewer Constructions Supervisor effective July 1. We wish Ted the best in his well-earned retirement and congratulate Keith in his new role here at the District!

DRSCW Workgroup Info

Our NPDES permit has a special condition which requires completion of a list of projects being managed by the DuPage River Salt Creek Workgroup (DRSCW). By agreeing to complete these projects, we were able to push back the date when we would get a phosphorus limit. The Graue Mill dam removal and stream restoration project at Fullersburg Woods is in the public notice phase. Live webinars are being hosted on Tuesday, July 7th at 7:00 p.m. and Thursday, July 9th at 11:00 a.m. to present the project to the public. If you are interested in learning more about the project, you may register for either webinar at www.restoresaltcreek.org. There will be a survey available after July 7th to submit comments on the project.

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.

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2) WWTC WAS Mechanical Thickening

R.J. O'Neil is waiting for a few miscellaneous items to arrive so they can finish the installation.

3) Composting Pilot

Representatives from Sustainable Generation will be at the WWTC next week to set up the composting equipment and assist staff with building the first composting pile.

4) Paving Contract

The paving contract has been awarded to Meyer Paving. A pre-paving walkthrough was held this morning. Meyer is expecting to start within the next two weeks.

5) Sludge Drying Beds Cover

Baxter & Woodman is currently preparing plans and specifications for a cover over the Sludge Drying Beds. The design has been placed on hold until the soils report is completed.

6) Stanley Avenue Sanitary Sewer Rehabilitation

On June 16, the Board of Trustees awarded the Stanley Avenue Sanitary Sewer Rehabilitation Project to Insituform Technologies USA, LLC of Chesterfield, Missouri in the amount of \$102,812. A pre-construction meeting will be scheduled within the next couple of weeks.

7) Sherman Street Sanitary Sewer Replacement

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8) CHP #1 Replacement

CHP #1 will be replaced with a new 375-kW Nissen unit. The work will be performed design-build by Baxter & Woodman & Boller Construction Company LLC. The agreement was signed on June 19, and the Notice to Proceed was issued. A pre-construction meeting will be scheduled for mid-July.

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10) 2020 Painting Services

The 2020 painting services was advertised on June 25th, and bids will be opened on July 14th. Painting contractors will be visiting the WWTC this week and next week in preparation for their bids.

GENERAL MANAGER'S REPORT TO EMPLOYEES

WWTC Operations Data – June

The DMR for June indicates that the final effluent averaged 1.1 mg/l CBOD, 0.7 mg/l suspended solids and 0.19 mg/l ammonia nitrogen over a daily average flow of 9.46 MGD. There was one permit excursion in June.

Sewer Permits – June

There were 8 sewer permits issued in June -5 single family, 2 commercial, and 1 disconnection.

Financial Data – June

In June, the District received \$1,277,732 in the General fund, including \$254,147 in user charges, \$619,333 in property taxes, \$22,810 in surcharges, and \$353,984 in monthly fees. General fund expenses totaled \$694,960. The Improvement fund had revenues of \$71,488 and expenses of \$0. The Construction fund had revenues of \$138,814 and expenses of \$0.

Personnel

Kenny Lookingbill, Laboratory Analyst for the District, has provided the District with a letter of resignation. His last day with the District will be July 31. We wish Kenny well on his future endeavors.

The District is now hiring a Laboratory Analyst position at the WWTC. 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

If you have been traveling from the following states, you will be asked to quarantine prior to returning to work: Alabama, Arkansas, Arizona, California, Florida, Georgia, Idaho, Iowa, Louisiana, Mississippi, North Carolina, Nevada, Oklahoma, South Carolina, Tennessee, Texas, and Utah. Thank you for your continued patience and understanding in following measures to keep all employees safe.

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.

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R.J. O'Neil is waiting for the hopper to arrive. Once the hopper is installed, the thickener will be ready of startup.

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Representatives from Sustainable Generation were at the WWTC last week to set up the composting equipment and assist staff with building the first composting pile.

4) Paving Contract

The paving contract has been awarded to Meyer Paving. We are awaiting a start date from Meyer.

5) Sludge Drying Beds Cover

The design has been placed on hold until the soils report is completed.

6) Stanley Avenue Sanitary Sewer Rehabilitation

On June 16, the Board of Trustees awarded the Stanley Avenue Sanitary Sewer Rehabilitation Project to Insituform Technologies USA, LLC of Chesterfield, Missouri in the amount of \$102,812. A pre-construction meeting was held this week. Cleaning is expected to be completed next week, and the lining is expected to be completed in early September.

7) Sherman Street Sanitary Sewer Replacement

Bids were opened for this project on June 10th. The contract award will be presented to the Board for approval at the meeting next week.

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Articles

Utilizing The Potential Of Wastewater: From Energy Consumer To Energy Producer

Frederikke Rørvang Mikkelsen and Jens Enevoldsen



Producing energy and being more energy efficient are not only economically wise decisions, they also demonstrate local responsibility, create a sense of pride among employees, and reduce the global carbon footprint.

With pumps, aeration diffusers, motors, and blowers running 24/7, the water sector naturally accounts for a great deal of total energy use and thereby greenhouse gas (GHG) emissions. From a U.S. perspective, the EPA estimates that the U.S. water stream accounts for 45 million tons of GHG annually, with energy use corresponding to 2 percent of national consumption. On an economic level, energy consumption related to operating wastewater and water plants, on average, accounts for approximately 35 percent of a typical U.S. municipality's energy budget.

Initiatives to save energy and thereby reduce operational costs take many forms — from investing in highly efficient equipment such as variable frequency drives (VFDs), efficient

blowers, better controls with mechanical mixers, etc. to switching to LED lighting and sensors at the facility's buildings.

However, saving energy will only take you so far. To become energy-neutral and then to start producing energy, some utilities even install solar panels to provide renewable energy onsite — but there lies an immense, and often unused, opportunity for plants to generate energy and heat through the intelligent use of carbon. Multiple utilities have found a way to utilize this opportunity and have realized both economic and environmental impacts.

The Danish Way: Produce More Than You Use

The Danish water sector is among the most sustainable in the world, and, before 2030, the water sector aims to be climate-and energy-neutral. The ambitious goal is a part of the climate initiative by the Danish government, which has pledged to reduce the country's carbon dioxide (CO2) emissions 70 percent by 2030.

However, the journey toward sustainable wastewater management has been in progress for years. Aarhus Vand and VCS Denmark are two of the progressive Danish utilities that have been working strategically to develop energy-neutral utilities for decades. It all started with a challenge to save energy and become more efficient, and now, after years of continuous work, Aarhus Vand is able to announce that GHG emissions are now 77 percent lower than in 2008.

"At our WWTP [wastewater treatment plant] in Marselisborg, we now produce 50 percent more energy than we use. By implementing energy-efficient solutions and producing biogas from the sludge, we are almost able to cover the energy consumption for the whole water cycle from the groundwater extraction to pump stations, water distribution, and wastewater treatment," Claus Homann, chief operating officer at Aarhus Vand, said.

Per Henrik Nielsen, project director at VCS Denmark, recognizes the initiatives made at Aarhus Vand, as they too have been working diligently to optimize their operations for decades. Today, VCS Denmark has already achieved neutrality as a water and wastewater utility, including office buildings, vehicles, etc. Like Aarhus Vand, they are not adding solar, fats/oils/grease (FOG), or other external carbon sources into the mix.

He points out that the urge to become a sustainable utility stems from three factors: economy, responsibility, and curiosity.

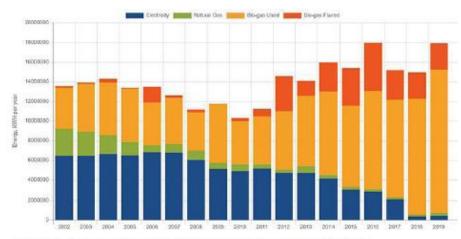
"First of all, it has to be a good investment seen from an economical perspective. Second, we have a responsibility as a utility to provide healthy and drinkable water for our community. And third, we have to keep empowering our employees and giving them an urge to optimize and do better, instead of just meeting the requirements. Innovation and curiosity are key factors in driving a sustainable utility — but for those utilities where sustainability is not the goal, then doing better, at least, should be," Nielsen explains.

Since 2014, U.S. utilities have been visiting Denmark through the Danish Water Technology Alliance's outreach program. Denmark is not the U.S., but the experience is clear — best and next practices from Denmark are also applicable in the U.S.

Downers Grove: A Rewarded Net-Zero Facility In Illinois

One of the U.S. utilities that has participated in a delegation tour to Denmark is Downers Grove Sanitary District in Illinois — and they have already seen the benefits of saving and producing energy. Twelve years ago, they started what turned out to be a journey toward being a net-zero facility when high-efficiency turbo blowers and fine-bubble aeration diffusers were installed at the plant.

"The most obvious perk is the money saved on the plant's electricity bills. Additional perks are the good public perception of our district and the employee pride and morale. We received grant money from the Illinois Clean Energy Community Foundation for being a net-zero-energy facility. As part of the grant program, we created a Net-Zero Education Center, which will be used during tours of the plant to teach students as well as the public about energy efficiency," Amy Underwood, general manager at Downers Grove Sanitary District, explained.



Downers Grove's history of energy use at the treatment plant (Source: https://www.dgsd.org/net-zero/)

Downers Grove's history of energy use at the treatment plant >>

Apart from implementing the energy-efficient solutions, one of the main components in reducing the energy use and GHG emissions has been the installation of cost-efficient Danish combined heat and power (CHP) units to start producing energy. Running the CHPs has changed some of the focus from the wastewater treatment, as some of the mechanics have been trained to maintain and

operate the CHPs with a focus on co-digestion and gas cleaning. The transformation has presented a few initial challenges, but in the end, Underwood emphasizes that the changes have been worth it on several levels.

"The employees' mindsets changed for the better after we had hard numbers on how much electricity we can save and produce and the resulting money we are saving. Giving tours to the public also helped with the employees' mindsets, as visitors are quite impressed with codigestion and turning grease into electricity. Overall, it's a lot more work, but now there is a sense of pride about the great things that we are doing," Underwood stated.

Data-Driven Operations And Control Systems

In the process of becoming energy-neutral facilities, the three utilities all mention data control and automation as important tools. Measuring the process at all times presents insights that are invaluable in controlling the operations. Through the insights, it is possible to adjust operations and make sure that you do not use more energy than you actually need. At Downers Grove, they have implemented multiple data-driven solutions to measure the process at all times and automatically adjust the operations to meet the requirements.

"The duty raw sewage pumps operate on variable frequency drives. The plant has high-efficiency turbo blowers providing air to the aeration tanks. The blower speed is controlled using feedback from DO [dissolved oxygen] probes and an ammonia analyzer to ensure that we are only providing as much oxygen as required for the process. Some of the return activated sludge pumps are on VFDs, and some plant equipment switches between high- and low-flow modes," Underwood explained.

The three utilities have all increased automation in their operations as a part of the strategic work with sustainability. However, they highlight that it has more benefits than just being sustainable — because, as they have started to control their operations through data-driven decisions and have optimized their processes to become energy-neutral, they are also able to cut operational costs. Furthermore, in times such as these with a global pandemic, they have been able to maintain operations with a limited amount of staff due to the automatized operations.

Actually, according to Nielsen, data is not just key - it is a prerequisite.

"Operating your plant without data is like driving a car in the night without the lights on. You need the light to maneuver your car securely on the road, just as you need to collect data and use it to automatize and optimize your operations in a secure manner," Nielsen said.

Those Who Can, Must

Developing a sustainable WWTP and unlocking the potential of wastewater is not something you do overnight. It requires hard work, vast investments, and employee development. Furthermore, it can be difficult for small utilities to produce energy, as the amount of wastewater might not be enough to make a good business case. However, the benefits of at least optimizing the operations and becoming more energy-efficient are a good place to start.

"The small utilities can save energy through process optimization, by becoming better at controlling biological processes, and perhaps chemical processes as well. However, utilities with a capacity of more than 200,000 PE [population equivalent] should start producing energy. The technology to do so is out there; now we just need to make it happen," Homann advised.

About The Authors



Frederikke Rørvang Mikkelsen

Frederikke Rørvang Mikkelsen is the PR and communications advisor of the Energy and Environment Team at the Trade Council of Denmark in North America. Based in Houston, she primarily supports the activities of the Danish public-private partnership — the Water Technology Alliance (WTA) — which aims to share Danish know-how and foster collaboration. Prior to joining the Trade Council, Frederikke worked as a communications assistant at the Danish Society of Natural Conservation.

Jens Enevoldsen is a senior technical advisor of the Danish Water Technology Alliance. For the past 20 years, Jens has been engaged as a manager in optimizing resource utilization for



Jens Enevoldsen »

operating companies, primarily wastewater utilities. Due to a constant level of regulation from the secretariat of public utility (-2 percent/year on both OPEX and CAPEX), Jens has developed a solid understanding of optimization and utilization of a utility's present status by increasing automation and improving data accessibility.