

DOWNERS GROVE SANITARY DISTRICT
GENERAL MANAGER'S REPORT
September 13, 2019

September Board Meeting

Copies of the following items are enclosed for the September 17, 2019 meeting:

- 1) Proposed Agenda
- 2) Minutes of the August 20, 2019 regular meeting
- 3) Claim Ordinance 1881
- 4) Operations Report - SCADA

BOLI Meeting

There is no BOLI meeting scheduled this month.

Operations Reports

Copies of the following are enclosed for August operations:

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

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 August 31, 2019 is enclosed.

The Treasurer's Report for August 2019 covering the first four months of FY 19-20 is included here, along with a summary cover memo.

Meetings

I attended the following meetings since the August 16, 2019 General Manager's report:

-August 28 attended DRSCW executive committee meeting in Lombard. Larry and Amy U. also attended.
-August 29 attended Village of Downers Grove Administrators' lunch meeting. Amy U. also attended.
-September 10 attended ComEd Wastewater Seminar/Workshop on Biological Nutrient Removal in Gurnee.
-September 11 and 12 attended the IAWA Annual Meeting in Itasca. Wally, Amy U. and Clay also attended.

Miscellaneous

Copies of the following items are enclosed:

- 1) General Manager's Reports to Employees dated August 30 and September 13, 2019.
- 2) Lease agreement for cell tower.

NJM:ARU

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

**DOWNERS GROVE SANITARY DISTRICT
BOARD OF TRUSTEES MEETING
SEPTEMBER 17, 2019 – 7:00 PM**

PROPOSED AGENDA

- I. APPROVAL OF MINUTES - REGULAR MEETING – AUGUST 20, 2019
- II. APPROVAL OF CLAIM ORDINANCE NO. 1881
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
 - A. OPERATIONS REVIEW - SCADA

MINUTES

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, August 20, 2019, convening at 7:00 p.m. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were President Wallace D. Van Buren, Trustee Amy S. Sejnost, and Trustee Paul W. Coultrap, General Manager Nicholas J. Menninga, Assistant General Manager Amy R. Underwood, Administrative Supervisor W. Clay Campbell, Information Coordinator Alyssa J. Caballero and Attorney Michael G. Philipp. Also present was Brad Porter, auditor with the firm of Lauterbach & Amen, LLP.

Minutes of Regular Meeting – July 16, 2019

A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the minutes of the regular meeting held on July 16, 2019 as presented and authorizing the President and Clerk to sign same. The motion carried.

Claim Ordinance No. 1880

A motion was made by Trustee Sejnost seconded by Trustee Coultrap adopting Claim Ordinance No. 1880 in the total amount of \$641,320.99 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 – None

New Business:

Contract Approval – WAS Thickener

General Manager Menninga reviewed the bids received on August 14 for the WAS Thickener project. Five bids were received. He recommended that the contract be awarded to the lowest responsible, responsive bidder R.J. O'Neil of Montgomery, Illinois, in the amount of \$587,700. A motion was made by Trustee Coultrap seconded by Trustee Sejnost to award the contract for the WAS Thickener project to the lowest responsible, responsive bidder, R.J. O'Neil of Montgomery, Illinois, in the amount of \$587,700 and to authorize the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

Cell Tower Lease Agreement

General Manager Menninga presented a property lease agreement with a cell phone tower leasing company, Central States Tower IV, LLC, about locating a cell phone tower on our property adjacent to the I-355 corridor. In exchange for access to and use of the property, Central States would make monthly lease payments of \$750 for the first 5 years, with a 10% renewal escalator at 5-year intervals, with a total schedule envisioned of 25 years. He recommended approval of the property lease agreement with Central States Tower IV, LLC, with an initial monthly rent payment of \$750. A motion was made by Trustee Sejnost seconded by Trustee Coultrap accepting the property lease agreement with Central States Tower IV, LLC, with an initial monthly rent payment

of \$750 and to authorize the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

Open House Arrangements

Administrative Supervisor Campbell and Information Coordinator Caballero presented the invitation, map, invitation list and press release for the annual Open House to be held on October 5, 2019 focusing on the District's sanitary sewer system. The invitations will be mailed and emailed August 30, and press releases distributed to local papers shortly thereafter.

Review of Prior Executive Session Minutes

The Board reviewed the minutes of executive sessions held on January 15, 2019, March 19, 2019, April 15, 2019 and June 18, 2019, which have not previously been made available for public inspection or not previously reviewed. A motion was made by Trustee Coultrap seconded by Trustee Sejnost determining that the need for confidentiality no longer exists as to the executive session minutes of January 15, 2019, March 19, 2019, April 15, 2019 and June 18, 2019. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.) A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving destruction of the verbatim record of the executive session held on January 16, 2018 as provided by state statute. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

Audit Report for Fiscal Year 2018-2019

Brad Porter, auditor with the firm of Lauterbach & Amen, LLP, presented the Annual Financial Report for Fiscal Year 2018-2019. He reviewed the report, the notes to the financial statements and the supplemental information. A motion was made by Trustee Coultrap seconded by Trustee Sejnost accepting the Annual Financial Report for Fiscal Year 2018-2019 as presented. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

Annexation Ordinance No. AO 2019-04 – 5614 Katrine Ave., Downers Grove

General Manager Menninga presented Annexation Ordinance No. AO 2019-04 for the annexation of one lot located at 5614 Katrine Ave., Downers Grove. A motion was made by Trustee Sejnost seconded by Trustee Coultrap accepting the Petition for Annexation, adopting Annexation Ordinance No. AO 2019-04 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes—Van Buren, Sejnost and Coultrap.)

Other New Business

Trustee Van Buren welcomed Amy Underwood as the District's new Assistant General Manager. He also inquired about the repairs to Wroble Lift Station from the recent automobile accident noted in Maintenance Supervisor Barta's monthly progress report. Lastly, he inquired about the walnut tree grove at the wastewater treatment center.

Trustee Sejnost welcomed Amy Underwood as the District's new Assistant General Manager. She commented on the one rain excursion in July, the tree purchase from The Conservation Foundation and the WWTC's net energy usage during July, all noted in Operation Supervisor Majewski's monthly report. Lastly, she commended staff for their work with the Building Sanitary Service Repair Assistance Program in regards to the email received from a satisfied customer.

Trustee Coultrap welcomed Amy Underwood as the District's new Assistant General Manager. He expressed his condolences to Adrienne Kasper, the District's Billing Coordinator, for her recent loss. He also congratulated Jessie Gwozdz on her new position as part-time Administrative Assistant/Safety Coordinator. He commended staff on their work for the open house arrangements. Lastly, he inquired about the status of the Puffer, Belmont, and Grant and Lee special assessments.

A motion was made by Trustee Coultrap seconded by Trustee Sejnost to adjourn the regular meeting at 7:47 p.m. The motion carried.

Approved: September 17, 2019

President

Attest: _____
Clerk

Downers Grove, Illinois

Date: September 17, 2019

Claim Ordinance No. 1881

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 **\$750,896.49** being in words and figures as follows:

GENERAL LEDGER RECAP

DATE 08/15/19

PERIOD END 08/10/19

PAGE 6

Payroll Ending Date: 08/10/19

Payroll Paid Date: 08/16/19

GL Date: 09/30/19

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 51152.24- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 8729.84- |
| 01-00.2001 | STATE TAX WITHHELD | | 3661.13- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 5994.94- |
| 01-00.2003 | IMRF WITHHELD | | 3467.55- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 2114.31- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 2522.42- |
| 01-00.2017 | VOLUNTARY GROUP LIFE | | 208.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 396.23- |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE | | 192.31- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 952.50- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 337.80- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 40.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 136.85- |
| 01-11.A003 | GENERAL MANAGEMENT | 859.44 | |
| 01-11.A004 | FINANCIAL RECORDS | 6490.36 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 1131.60 | |
| 01-11.A006 | ENGINEERING | 172.76 | |
| 01-11.A007 | CODE ENFORCEMENT | 6845.87 | |
| 01-11.A008 | SAFETY ACTIVITIES | 96.00 | |
| 01-12.A006 | ENGINEERING | 1554.84 | |
| 01-12.A011 | MAINTENANCE - WWTC | 12031.55 | |
| 01-12.A012 | MAINTENANCE - VEHICLES | 64.36 | |
| 01-12.A013 | MAINTENANCE - ENERGY RECOVERY | 156.74 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 3094.91 | |
| 01-12.A021 | WWTC - OPERATIONS | 11899.01 | |
| 01-12.A022 | WWTC - SLUDGE HANDLING | 9696.87 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 306.51 | |
| 01-12.A030 | BUILDING AND GROUNDS | 2094.07 | |
| 01-13.A041 | LAB - WWTC | 4752.59 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 247.61 | |
| 01-14.A006 | ENGINEERING | 635.51 | |
| 01-14.A051 | SEWER MAINTENANCE | 5578.64 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 351.41 | |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 1587.67 | |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS | 673.29 | |
| 01-14.A064 | INSPECTION - MISCELLANEOUS | 1138.68 | |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | 5208.57 | |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT | 631.58 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 2605.68 | |
| | | 79906.12 | 79906.12- |

GENERAL LEDGER RECAP

DATE 08/19/19

PERIOD END 08/15/19

PAGE 4

Payroll Ending Date: 08/15/19

Payroll Paid Date: 08/19/19

GL Date: 09/30/19

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 19837.53- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 3262.63- |
| 01-00.2001 | STATE TAX WITHHELD | | 1446.99- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 2518.14- |
| 01-00.2003 | IMRF WITHHELD | | 1481.24- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 800.00- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 1762.39- |
| 01-00.2020 | DEFERRED COMPENSATION WITHHELD - ICMARC | | 300.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 62.83- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 281.83- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 285.62- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 1050.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 77.06- |
| 01-11.A003 | GENERAL MANAGEMENT | 8998.23 | |
| 01-11.A004 | FINANCIAL RECORDS | 529.22 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 184.04 | |
| 01-11.A007 | CODE ENFORCEMENT | 9390.23 | |
| 01-12.A009 | OPERATIONS MANAGEMENT | 4527.19 | |
| 01-12.A011 | MAINTENANCE - WWTC | 2841.43 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 157.62 | |
| 01-12.A021 | WWTC - OPERATIONS | 737.72 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 127.78 | |
| 01-12.A030 | BUILDING AND GROUNDS | 815.89 | |
| 01-13.A009 | OPERATIONS MANAGEMENT | 3872.50 | |
| 01-15.A009 | OPERATIONS MANAGEMENT | 168.52 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 815.89 | |
| | | 33166.26 | 33166.26- |

GENERAL LEDGER RECAP

DATE 08/28/19

PERIOD END 08/24/19

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Payroll Ending Date: 08/24/19

Payroll Paid Date: 08/30/19

GL Date: 09/30/19

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 52408.92- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 9088.29- |
| 01-00.2001 | STATE TAX WITHHELD | | 3746.70- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 6134.74- |
| 01-00.2003 | IMRF WITHHELD | | 3566.32- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 2114.31- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 2618.89- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 396.23- |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE | | 192.31- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 952.50- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 337.80- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 40.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 136.85- |
| 01-11.A003 | GENERAL MANAGEMENT | 1178.55 | |
| 01-11.A004 | FINANCIAL RECORDS | 6316.28 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 713.60 | |
| 01-11.A006 | ENGINEERING | 271.48 | |
| 01-11.A007 | CODE ENFORCEMENT | 7035.64 | |
| 01-11.A008 | SAFETY ACTIVITIES | 398.00 | |
| 01-12.A006 | ENGINEERING | 1227.83 | |
| 01-12.A011 | MAINTENANCE - WWTC | 10571.79 | |
| 01-12.A013 | MAINTENANCE - ENERGY RECOVERY | 96.54 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 4912.61 | |
| 01-12.A021 | WWTC - OPERATIONS | 13016.03 | |
| 01-12.A022 | WWTC - SLUDGE HANDLING | 8394.84 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 288.71 | |
| 01-12.A030 | BUILDING AND GROUNDS | 2865.67 | |
| 01-13.A041 | LAB - WWTC | 4878.24 | |
| 01-13.A043 | LAB - SURCHARGE PROGRAM | 159.39 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 215.85 | |
| 01-14.A006 | ENGINEERING | 475.09 | |
| 01-14.A051 | SEWER MAINTENANCE | 6348.40 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 354.23 | |
| 01-14.A061 | INSPECTION - NEW CONSTRUCTION | 462.42 | |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 1581.63 | |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS | 532.18 | |
| 01-14.A064 | INSPECTION - MISCELLANEOUS | 1175.79 | |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | 4217.72 | |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT | 343.22 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 3702.13 | |
| | | 81733.86 | 81733.86- |

GENERAL LEDGER RECAP

DATE 09/04/19

PERIOD END 08/31/19

PAGE 4

Payroll Ending Date: 08/31/19

Payroll Paid Date: 09/04/19

GL Date: 09/30/19

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 24062.96- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 4116.55- |
| 01-00.2001 | STATE TAX WITHHELD | | 1741.41- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 2994.56- |
| 01-00.2003 | IMRF WITHHELD | | 1761.50- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 800.00- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 1760.26- |
| 01-00.2017 | VOLUNTARY GROUP LIFE | | 80.00- |
| 01-00.2020 | DEFERRED COMPENSATION WITHHELD - ICMARC | | 300.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 62.83- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 281.83- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 285.62- |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | | 1050.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 77.06- |
| 01-11.A003 | GENERAL MANAGEMENT | 13176.40 | |
| 01-11.A004 | FINANCIAL RECORDS | 497.45 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 202.25 | |
| 01-11.A007 | CODE ENFORCEMENT | 9260.37 | |
| 01-11.A008 | SAFETY ACTIVITIES | 134.99 | |
| 01-12.A006 | ENGINEERING | 832.36 | |
| 01-12.A009 | OPERATIONS MANAGEMENT | 4744.83 | |
| 01-12.A011 | MAINTENANCE - WWTC | 5002.11 | |
| 01-12.A021 | WWTC - OPERATIONS | 1185.87 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 87.70 | |
| 01-12.A030 | BUILDING AND GROUNDS | 51.83 | |
| 01-13.A009 | OPERATIONS MANAGEMENT | 3313.10 | |
| 01-13.A042 | LAB - PRETREATMENT | 248.76 | |
| 01-13.A043 | LAB - SURCHARGE PROGRAM | 473.17 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 163.39 | |
| | | 39374.58 | 39374.58- |

GENERAL LEDGER RECAP

DATE 09/11/19

PERIOD END 09/07/19

PAGE 5

Payroll Ending Date: 09/07/19

Payroll Paid Date: 09/13/19

GL Date: 09/30/19

| G/L NUMBER | COST DESCRIPTION | DEBIT | CREDIT |
|------------|---|----------|-----------|
| 01-00.1001 | CASH - PAYROLL ACCOUNT | | 51408.39- |
| 01-00.2000 | FEDERAL TAX WITHHELD | | 8792.98- |
| 01-00.2001 | STATE TAX WITHHELD | | 3685.35- |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | | 6030.45- |
| 01-00.2003 | IMRF WITHHELD | | 3529.87- |
| 01-00.2013 | CREDIT UNION WITHHELD | | 2114.31- |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | | 2545.42- |
| 01-00.2017 | VOLUNTARY GROUP LIFE | | 208.00- |
| 01-00.2021 | FLEXIBLE ACCOUNT WITHHELD - MEDICAL | | 396.23- |
| 01-00.2022 | FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE | | 192.31- |
| 01-00.2024 | FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION | | 952.50- |
| 01-00.2025 | EMPLOYEE INS PREM CONTRIBUTION - POST TAX | | 337.80- |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | | 40.00- |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | | 136.85- |
| 01-11.A003 | GENERAL MANAGEMENT | 960.09 | |
| 01-11.A004 | FINANCIAL RECORDS | 6270.20 | |
| 01-11.A005 | ADMINISTRATIVE RECORDS | 924.55 | |
| 01-11.A006 | ENGINEERING | 320.84 | |
| 01-11.A007 | CODE ENFORCEMENT | 7100.25 | |
| 01-11.A008 | SAFETY ACTIVITIES | 96.00 | |
| 01-12.A006 | ENGINEERING | 592.32 | |
| 01-12.A011 | MAINTENANCE - WWTC | 12982.65 | |
| 01-12.A013 | MAINTENANCE - ENERGY RECOVERY | 257.44 | |
| 01-12.A014 | MAINTENANCE - ELECTRICAL | 3832.32 | |
| 01-12.A021 | WWTC - OPERATIONS | 11481.20 | |
| 01-12.A022 | WWTC - SLUDGE HANDLING | 9473.85 | |
| 01-12.A023 | WWTC - ENERGY RECOVERY | 233.82 | |
| 01-12.A030 | BUILDING AND GROUNDS | 2915.75 | |
| 01-13.A041 | LAB - WWTC | 4591.75 | |
| 01-13.A043 | LAB - SURCHARGE PROGRAM | 600.36 | |
| 01-13.A048 | LAB - ENERGY RECOVERY | 188.72 | |
| 01-14.A006 | ENGINEERING | 1061.24 | |
| 01-14.A051 | SEWER MAINTENANCE | 7824.01 | |
| 01-14.A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | 259.63 | |
| 01-14.A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | 1676.23 | |
| 01-14.A063 | INSPECTION - PERMIT INSPECTIONS | 287.57 | |
| 01-14.A064 | INSPECTION - MISCELLANEOUS | 2280.79 | |
| 01-14.A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | 2342.74 | |
| 01-14.A066 | INSPECTION - CODE ENFORCEMENT | 635.76 | |
| 01-15.A080 | LIFT STATION MAINTENANCE | 1180.38 | |
| | | 80370.46 | 80370.46- |

| ===== VENDOR ===== | | | ===== INVOICE ===== | | | | | |
|--------------------------------|---------|----------|---------------------|------------|---------------------------|----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| A-FORMULA MECHANICAL CORP | A000065 | 09/05/19 | 41497 | 01-12.B812 | Geothermal Condensor Coil | 682.50 | 682.50 | 061845 |
| AFC INTERNATIONAL INC | A000066 | 08/30/19 | 56452 | 01-14.B115 | SS Equipment | 1965.54 | 1965.54 | 101576 |
| AT & T MOBILITY | A000085 | 09/03/19 | 831873915 | 01-15.B112 | LS Cell Dialer | 54.48 | 54.48 | 061846 |
| ADVOCATE OCCUPATIONAL HEALTH | A000150 | 08/30/19 | 743910 | 01-11.B117 | Drug Screening | 27.00 | | |
| | | 08/30/19 | 743910 | 01-12.B117 | Drug Screening | 62.00 | 89.00 | 061847 |
| ADVANCED DISPOSAL | A000153 | 08/31/19 | T80002322490 | 01-12.B102 | Garbage & Recycling | 290.72 | 290.72 | 061848 |
| ALEXANDER CHEMICAL CORPORATION | A000200 | 08/22/19 | SLS10083174 | 01-12.B401 | Hypochlorite Solution | 3301.43 | 3301.43 | 101577 |
| ALLIED WASTE SERVICE | A000255 | 08/15/19 | 551014545667 | 01-12.B102 | Grit Scrn Dmpstr Pick Up | 901.21 | 901.21 | 061849 |
| ALTORFER INDUSTRIES, INC. | A000292 | 08/20/19 | P60C0233316 | 01-12.B513 | Emer Gen 1 Repair | 709.88 | 709.88 | 101578 |
| SYNCHB/AMAZON | A000295 | 08/29/19 | 433968969597 | 01-14.B113 | SS Harness - Safety | 208.78 | | |
| | | 08/09/19 | 436733695675 | 01-12.B117 | T-Shirts for RF | 109.90 | | |
| | | 08/23/19 | 437635478784 | 01-12.B513 | Ops Supplies | 103.40 | | |
| | | 09/06/19 | 483567343968 | 01-11.B116 | Paper & Keyboard/Mouse | 38.82 | | |
| | | 09/01/19 | 557653386544 | 01-14.B117 | SS Hi Viz Shirts | 209.93 | | |
| | | 08/19/19 | 767787673955 | 01-12.B513 | SCADA Part | 149.95 | | |
| | | 08/23/19 | 768333935537 | 01-12.B116 | Ops Supplies | 67.12 | | |
| | | 09/09/19 | 856896684888 | 01-14.B117 | SS Hi Viz Shirts | 248.60 | 1136.50 | 061850 |
| | | | | | | | | |
| AUTOZONE - AZ COMMERCIAL | A000600 | 08/09/19 | 2576364491 | 01-11.C225 | Admin Vehicle Auto Parts | 45.30 | | |
| | | 08/26/19 | 2576379476 | 01-14.C225 | SS Truck Air Filter | 12.99 | | |
| | | 09/03/19 | 2576386484 | 01-12.B512 | Press Washer/Welder Parts | 101.69 | | |
| | | 09/06/19 | 2576389130 | 01-11.C225 | Auto Parts | 193.22 | | |
| | | 09/10/19 | 2576392996 | 01-11.C225 | Auto Parts | 40.99 | | |
| | | 09/11/19 | 2576393922 | 01-11.C225 | Auto Parts | 40.99 | 435.18 | 061851 |
| BAXTER & WOODMAN, INC. | B000120 | 07/19/19 | 0207334 | 01-14.B124 | Flow Monitoring | 30.42 | | |
| | | 07/19/19 | 0207335 | 01-14.B902 | Outfall Sewer Sag Repair | 2721.25 | | |
| | | 07/19/19 | 0207336 | 01-11.B124 | Misc Engineering Service | 3057.60 | | |
| | | 07/19/19 | 0207337 | 01-12.B508 | WWTC WAS Thickener | 15571.11 | | |
| | | 07/19/19 | 0207338 | 01-14.B903 | Warren Ave Sewer Rehab | 1149.36 | | |
| | | 08/15/19 | 0207859 | 01-14.B902 | Outfall Sewer Sag Repair | 2995.00 | | |
| | | 08/15/19 | 0207860 | 01-11.B124 | Misc Engineering Service | 525.80 | | |
| | | 08/19/19 | 0208057 | 01-12.B508 | WWTC WAS Thickener | 3060.01 | 29110.55 | 101579 |
| BERRYMAN EQUIPMENT CO. | B000160 | 08/28/19 | 19-0822 | 01-12.B116 | Ops Supplies | 206.18 | 206.18 | 061852 |
| ALEX BIELAWA | B000196 | 09/12/19 | Reimburse | 01-11.B117 | Travel Reimbursement | 829.75 | 829.75 | 101580 |
| BILL KAY CHEVROLET | B000198 | 08/07/19 | 26029691/1 | 01-13.C225 | Lab Van Repair | 1164.45 | 1164.45 | 061853 |
| BIOTEK CORPORATION | B000220 | 08/12/19 | 70773 | 01-12.B116 | Bioscrub | 290.67 | 290.67 | 061854 |
| BRUCKER COMPANY | B000400 | 08/30/19 | 149316 | 01-12.B507 | Filters | 671.20 | 671.20 | 061855 |
| CSWEA | C000060 | 09/10/19 | Registration | 01-12.B117 | Ops Training & Seminar | 400.00 | 400.00 | 061902 |
| CALLONE | C000073 | 09/15/19 | 121446811398 | 01-11.B112 | Admin Phone Service | 549.26 | | |
| | | 09/15/19 | 121446811398 | 01-12.B112 | WWTC Phone Service | 298.68 | 847.94 | 061856 |
| WILLIAM C CAMPBELL | C000075 | 08/20/19 | Reimburse | 01-11.B117 | Flowers/Card AK Spouse | 164.13 | 164.13 | 101581 |
| WILLIAM C CAMPBELL | C000075 | 09/12/19 | Reimburse1 | 01-12.B116 | Open House Promo Items | 1037.18 | 1037.18 | 101627 |
| CINTAS #344 | C000300 | 08/23/19 | 344225532 | 01-12.B117 | WWTC Uniform Rental | 47.21 | | |
| | | 08/23/19 | 344225532 | 01-14.B117 | SS Uniform Rental | 10.10 | | |
| | | 08/30/19 | 4028882936 | 01-12.B117 | WWTC Uniform Rental | 35.63 | | |
| | | 08/30/19 | 4028882936 | 01-14.B117 | SS Uniform Rental | 9.60 | | |
| | | 09/06/19 | 4029675855 | 01-12.B117 | WWTC Uniform Rental | 35.63 | | |

01 GENERAL FUND STANDARD CHECK REGISTER FOR 09/17/19

Date: 09/13/19

Time: 1:52pm

| ===== VENDOR ===== | | ===== INVOICE ===== | | | | | | |
|-----------------------------|---------|---------------------|--------------|------------|--------------------------|---------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| | | 09/06/19 | 4029675855 | 01-14.B117 | SS Uniform Rental | 9.60 | | |
| | | 09/13/19 | 4030188485 | 01-12.B117 | WWTC Uniform Rental | 35.63 | | |
| | | 09/13/19 | 4030188485 | 01-14.B117 | SS Uniform Rental | 9.60 | 193.00 | 061857 |
| CINTAS FIRST AID & SAFETY | C000320 | 08/29/19 | 5014564500 | 01-11.B116 | Admin First Aid | 109.19 | | |
| | | 08/29/19 | 5014564500 | 01-12.B113 | WWTC First Aid | 183.49 | | |
| | | 08/29/19 | 9061121576 | 01-12.B117 | WWTC Empl Conf Spc Train | 463.30 | | |
| | | 08/29/19 | 9061121576 | 01-13.B117 | Lab Empl Conf Spc Train | 92.66 | | |
| | | 08/29/19 | 9061121576 | 01-14.B117 | SS Empl Conf Spc Train | 139.04 | 987.68 | 061858 |
| CLOVERLEAF TOOL CO | C000335 | 08/30/19 | 47463 | 01-14.B115 | Vac-Con Part | 745.84 | 745.84 | 101582 |
| COMCAST | C000373 | 09/10/19 | 877120120055 | 01-11.B112 | Internet Service | 146.85 | 146.85 | 061859 |
| COMED | C000380 | 08/13/19 | 0055025057 | 01-15.B100 | College LS Elec | 659.48 | | |
| | | 08/13/19 | 0068029014 | 01-15.B100 | Centex LS Elec | 98.69 | | |
| | | 08/14/19 | 0120089072 | 01-15.B100 | Wroble LS Elec | 664.24 | | |
| | | 08/13/19 | 0458029046 | 01-15.B100 | Lib Park LS Elec | 378.76 | | |
| | | 08/20/19 | 0562080004 | 01-15.B100 | Venard LS Elec | 259.90 | | |
| | | 08/13/19 | 1095091170 | 01-15.B100 | Northwest LS Elec | 969.06 | | |
| | | 08/28/19 | 1108062005 | 01-11.B100 | Admin Elec | 187.75 | | |
| | | 08/28/19 | 1108062005 | 01-12.B100 | WWTC Elec | 2930.04 | | |
| | | 08/13/19 | 1810068039 | 01-15.B100 | Earlston LS Elec | 317.09 | | |
| | | 08/13/19 | 3240038012 | 01-15.B100 | Butterfield LS Elec | 138.60 | | |
| | | 08/13/19 | 4657083017 | 01-15.B100 | Hobson LS Elec | 2309.35 | | |
| | | 08/22/19 | 6770572011 | 01-12.B100 | Walnut House Elec | 67.04 | | |
| | | 08/22/19 | 8762083052 | 01-12.B100 | Big Top Elec | 29.01 | 9009.01 | 061860 |
| CONCENTRIC INTEGRATION, LLC | C000410 | 08/16/19 | 0208037 | 01-11.B115 | Admin Support | 876.03 | | |
| | | 08/16/19 | 0208037 | 01-12.B513 | WWTC Support | 2651.86 | | |
| | | 08/16/19 | 0208037 | 01-15.B527 | Venard LS Support | 349.13 | | |
| | | 08/28/19 | 0208129 | 01-11.B115 | Admin Support Services | 3663.00 | | |
| | | 08/28/19 | 0208129 | 01-12.B513 | WWTC Support Services | 7437.00 | 14977.02 | 101583 |
| G COOPER OIL COMPANY INC. | C000470 | 09/09/19 | 32353 | 01-12.B116 | Oil Delivery | 608.11 | 608.11 | 061861 |
| CORE & MAIN LP | C000485 | 08/22/19 | K826039 | 01-15.B526 | Northwest LS Parts | 1551.00 | 1551.00 | 061862 |
| CURRENT INNOVATION, NFP | C000651 | 08/19/19 | 1057 | 01-11.B137 | Membership | 1500.00 | 1500.00 | 061863 |
| CURTIS MARTIN GROUP, INC. | C000660 | 08/23/19 | 7239 | 01-11.B115 | Annual Renewal BBX | 832.00 | | |
| | | 09/06/19 | 7256 | 01-11.B115 | PR Program Fix | 180.00 | 1012.00 | 101584 |
| DAHME MECHANICAL INDUSTRIES | D000030 | 09/03/19 | 20190338 | 01-15.B522 | College LS Pump & Rail | 9106.90 | 9106.90 | 101585 |
| DELTA INDUSTRIES, INC. | D000210 | 08/30/19 | 155529 | 01-12.B116 | Grit Compressor Oil | 647.00 | 647.00 | 101586 |
| DELTA SONIC | D000220 | 08/23/19 | 9949876 | 01-12.C225 | WWTC Vehicle Washes | 52.48 | | |
| | | 08/23/19 | 9949876 | 01-14.C225 | SS Vehicle Washes | 7.50 | 59.98 | 061864 |
| DISCOUNT FENCE COMPANY, INC | D000240 | 06/13/19 | 309590 | 01-12.B812 | WWTC Fence | 4045.00 | 4045.00 | 101587 |
| DORNER VALVES & AUTOMATION | D000315 | 08/09/19 | 149058-IN | 01-12.B810 | Dig 1 Mixing Sys Parts | 520.44 | 520.44 | 061865 |
| VILLAGE OF DOWNERS GROVE | D000480 | 09/13/19 | 154913 | 01-11.C222 | Admin Vehicle Fuel | 61.47 | | |
| | | 09/13/19 | 154913 | 01-12.B812 | Gas Can Fuel | 135.28 | | |
| | | 09/13/19 | 154913 | 01-12.C222 | WWTC Vehicle Fuel | 2206.33 | | |
| | | 09/13/19 | 154913 | 01-13.C222 | Lab Vehicle Fuel | 33.46 | | |
| | | 09/13/19 | 154913 | 01-14.C222 | SS Vehicle Fuel | 1361.76 | | |
| | | 08/30/19 | C2027270001 | 01-12.B102 | WWTC Water Usage | 442.34 | | |
| | | 08/30/19 | C2027271001 | 01-11.B102 | Admin Center Water Usage | 195.79 | 4436.43 | 061866 |

| ===== VENDOR ===== | | | ===== INVOICE ===== | | | | | |
|---------------------------|---------|----------|---------------------|------------|---------------------------|----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| DUPAGE COUNTY RECORDER | D000620 | 08/12/19 | 40058964 | 01-11.B121 | Lien Release Docs | 12.00 | 12.00 | 061867 |
| EJ EQUIPMENT, INC. | E000030 | 08/29/19 | P19432 | 01-14.B115 | SS Equip Parts | 156.66 | 156.66 | 061868 |
| ECLIPSE INC. | E000070 | 08/29/19 | 5249197347 | 01-12.B510 | TAG Booster 2 Part | 2095.50 | 2095.50 | 101588 |
| EXODUS TECHNOLOGY SERVICE | E000480 | 09/04/19 | 19-180 | 01-11.B115 | Network Support Service | 937.50 | 937.50 | 061869 |
| EYE MED VISION CARE | E000600 | 09/01/19 | 164015300 | 01-17.E455 | Vision Insurance | 449.89 | 449.89 | 061870 |
| FASTENAL COMPANY | F000060 | 08/12/19 | ILWES70788 | 01-12.B116 | MSB Supplies | 21.89 | | |
| | | 09/04/19 | ILWES71312 | 01-12.B506 | Grit ODS Part | 27.51 | | |
| | | 09/09/19 | ILWES71393 | 01-12.B509 | Belt Press Sldg Pmp 1 Prt | 26.45 | | |
| | | 09/10/19 | ILWES71409 | 01-12.B507 | Sec Clarifier 4&5 Parts | 535.55 | 611.40 | 101589 |
| FIRST ENVIRONMENTAL LAB | F000140 | 08/30/19 | 150006 | 01-13.B123 | August Sulfates | 43.20 | | |
| | | 09/06/19 | 150125 | 01-13.B123 | Surcharge FOG | 403.20 | 446.40 | 101590 |
| MARY FRENCH | F000384 | 09/12/19 | Rebate 54 | 01-00.2007 | SA 54 Rebate | 277.09 | 277.09 | 061903 |
| FULLIFE LLC | F000440 | 08/17/19 | 50321 | 01-12.B113 | Safety Supplies | 374.73 | 374.73 | 061871 |
| G.P. MAINTENANCE SERVICES | G000070 | 08/31/19 | 2019 | 01-12.B503 | Exc Flow Pmp 10-12 Paint | 38000.00 | | |
| | | 08/31/19 | 2019 | 01-12.B507 | Secondary 5 Painting | 15000.00 | | |
| | | 08/31/19 | 2019 | 01-12.B810 | Dig 4&5 Staircase Paint | 8500.00 | 61500.00 | 101591 |
| JANICE GADBOIS | G000110 | 09/12/19 | Rebate 55 | 01-00.2007 | SA 55 Rebate | 598.60 | 598.60 | 061904 |
| JOANN GARDNER | G000135 | 09/12/19 | Rebate 55 | 01-00.2007 | SA 55 Rebate | 307.14 | 307.14 | 061905 |
| GEORGE'S LANDSCAPING | G000260 | 08/31/19 | Mowing | 01-11.B118 | Admin Center Mowing | 487.25 | | |
| | | 08/31/19 | Mowing | 01-12.B812 | WWTC Mowing | 3098.05 | | |
| | | 08/31/19 | Mowing | 01-15.B820 | Butterfield LS Mowing | 155.50 | | |
| | | 08/31/19 | Mowing | 01-15.B821 | Centex LS Mowing | 155.50 | | |
| | | 08/31/19 | Mowing | 01-15.B823 | Earlston LS Mowing | 155.50 | | |
| | | 08/31/19 | Mowing | 01-15.B824 | Hobson LS Mowing | 155.50 | | |
| | | 08/31/19 | Mowing | 01-15.B825 | Liberty Park LS Mowing | 155.50 | | |
| | | 08/31/19 | Mowing | 01-15.B826 | Northwest LS Mowing | 155.50 | | |
| | | 08/31/19 | Mowing | 01-15.B827 | Venard LS Mowing | 155.50 | | |
| JAVIER & AMALIA GODINEZ | G000421 | 09/12/19 | Rebate 57 | 01-00.2007 | SA 57 Rebate | 256.76 | 256.76 | 061906 |
| | | 08/15/19 | 926431511 | 01-12.B113 | See Sheet | 1098.38 | | |
| W. W. GRAINGER, INC. | G000520 | 08/16/19 | 9265751595 | 01-15.B528 | See Sheet | 300.86 | | |
| | | 08/16/19 | 9265753534 | 01-15.B528 | See Sheet | 20.32 | | |
| | | 08/16/19 | 9265753542 | 01-11.B118 | See Sheet | 6.57 | | |
| | | 08/20/19 | 9267836469 | 01-12.B116 | See Sheet | 8.61 | | |
| | | 08/20/19 | 9268538718 | 01-12.B116 | See Sheet | 65.70 | | |
| | | 08/22/19 | 9270927677 | 01-12.B116 | See Sheet | 121.28 | | |
| | | 08/22/19 | 9271588544 | 01-12.B507 | See Sheet | 133.58 | | |
| | | 08/28/19 | 9277253820 | 01-12.B512 | See Sheet | 370.00 | | |
| | | 08/30/19 | 9279400817 | 01-13.B116 | See Sheet | 282.20 | | |
| | | 09/06/19 | 9285106853 | 01-12.B116 | See Sheet | 6.70 | | |
| | | 09/09/19 | 9286623542 | 01-12.B113 | See Sheet | 113.40 | | |
| | | 09/10/19 | 9287901897 | 01-12.B512 | See Sheet | 241.14 | 2768.74 | 101593 |
| HML, INC. | H000035 | 08/15/19 | 71848 | 01-13.B123 | May Biosolid | 1000.00 | 1000.00 | 061872 |
| HACH COMPANY | H000040 | 08/23/19 | 11606561 | 01-12.B507 | Phosphax Analyzer | 22378.30 | | |
| | | 08/30/19 | 11616338 | 01-13.B114 | Lab Chemicals | 1069.79 | | |
| | | 09/09/19 | 11627602 | 01-13.B114 | Lab Chemicals | 372.75 | 23820.84 | 101594 |

| ===== VENDOR ===== | | | ===== INVOICE ===== | | | | | |
|-------------------------------|---------|----------|---------------------|------------|---------------------------|---------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| ANDREW & SUSAN HARRIS | H000094 | 09/12/19 | Rebate 54 | 01-00.2007 | SA 54 Rebate | 230.49 | 230.49 | 061907 |
| HOME DEPOT | H000400 | 08/20/19 | 1020222 | 01-14.B113 | See Sheet | 34.90 | | |
| | | 08/20/19 | 1020222 | 01-14.B116 | See Sheet | 9.44 | | |
| | | 09/06/19 | 4013112 | 01-12.B116 | See Sheet | 55.46 | | |
| | | 09/06/19 | 4013112 | 01-15.B113 | See Sheet | 149.00 | | |
| | | 09/06/19 | 4374079 | 01-12.B116 | See Sheet | 99.95 | | |
| | | 08/26/19 | 5010344 | 01-13.B115 | See Sheet | 73.40 | | |
| | | 08/16/19 | 5011262 | 01-11.B118 | See Sheet | 74.85 | | |
| | | 08/16/19 | 5011262 | 01-15.B525 | See Sheet | 41.72 | | |
| | | 08/26/19 | 5012131 | 01-13.B115 | See Sheet | 27.56 | | |
| | | 08/23/19 | 8011819 | 01-15.B828 | See Sheet | 35.36 | | |
| | | 08/23/19 | 8011868 | 01-12.B507 | See Sheet | 72.68 | | |
| | | 08/23/19 | 8146594 | 01-11.B116 | See Sheet | 15.98 | | |
| | | 08/23/19 | 8936609 | 01-11.B116 | See Sheet | 22.97 | | |
| | | 08/22/19 | 9020382 | 01-12.B116 | See Sheet | 153.63 | | |
| | | 08/22/19 | 9856072 | 01-11.B116 | See Sheet | 11.98 | 878.88 | 061873 |
| HONDA OF LISLE | H000460 | 08/14/19 | 586060 | 01-11.C225 | Auto Parts | 110.08 | 110.08 | 061874 |
| IDEA MARKETING GROUP | I000030 | 09/09/19 | 4779 | 01-11.B115 | Website Maintenance | 187.50 | 187.50 | 061875 |
| ILLINOIS SEC. AMERICAN WATER | I000360 | 09/05/19 | 200045892 | 01-11.B117 | J Gwozdz Safety Seminar | 30.00 | 30.00 | 061876 |
| IMPACT NETWORKING INC. | I000400 | 08/20/19 | 1527272 | 01-11.B115 | Copies | 58.55 | | |
| | | 08/28/19 | 1535891 | 01-11.B116 | Copy Paper | 127.96 | 186.51 | 101595 |
| INFOSEND, INC. | I000415 | 07/31/19 | 157296 | 01-11.B121 | Customer Bill Mailings | 3705.58 | 3705.58 | 101596 |
| JLC INTERNATIONAL | J000018 | 08/16/19 | 23228 | 01-12.B507 | RAS Sys 2 Flow to AT 7 | 6990.00 | 6990.00 | 101597 |
| JACQUELINE M JOYCE | J000221 | 09/12/19 | Rebate 55 | 01-00.2007 | SA 55 Rebate | 307.14 | 307.14 | 061908 |
| JUST TIRES | J000300 | 09/10/19 | 198862 | 01-11.C225 | 2014 Honda Civic Tires | 512.32 | 512.32 | 061877 |
| KANSAS CITY LIFE INSURANCE CO | K000045 | 09/01/19 | 14887 | 01-17.E455 | Life Insurance | 304.75 | 304.75 | 101598 |
| KUBIS AUTO BODY SHOP INC | K000310 | 09/04/19 | Repair | 01-14.B115 | Vac-Con Repair | 40.00 | 40.00 | 061878 |
| LAI, LTD | L000012 | 08/20/19 | 19-16649 | 01-15.B526 | NW Pump 2 Parts | 2893.12 | | |
| | | 09/09/19 | 19-16701 | 01-12.B510 | Dig 5 Slge Recirc Sleeve | 1289.54 | | |
| | | 08/20/19 | 19-16710 | 01-12.B507 | RAS #2 TO AT #7 Valve | 1072.00 | 5254.66 | 101599 |
| LAUTERBACH & AMEN, LLP | L000070 | 08/15/19 | 38920 | 01-11.B124 | OPEB Report | 2600.00 | | |
| | | 08/23/19 | 39086 | 01-11.B124 | Audit Services | 2000.00 | 4600.00 | 101600 |
| LEE AUTO PARTS | L000150 | 08/28/19 | 470-147946 | 01-12.B116 | Auto Parts | 119.52 | 119.52 | 061879 |
| LISLE AUTO PLAZA | L000246 | 09/05/19 | HOC515427 | 01-11.C225 | 2014 Honda Civic Repair | 624.55 | 624.55 | 061909 |
| LOU'S GLOVES | L000300 | 09/06/19 | 030393 | 01-12.B113 | Gloves | 282.00 | 282.00 | 101601 |
| MBM SERVICES INC. | M000010 | 09/01/19 | 31809 | 01-11.B118 | Admin Cleaning Service | 350.00 | 350.00 | 101602 |
| MAILFINANCE | M000106 | 08/24/19 | N7882140 | 01-11.B115 | Postage Meter Lease | 432.81 | 432.81 | 101603 |
| MARCOTT ENTERPRISES, INC. | M000115 | 08/15/19 | 18452 | 01-12.B509 | Delivery of Sand | 926.88 | | |
| | | 08/21/19 | 18456 | 01-12.B509 | Delivery of Sand | 947.04 | | |
| | | 09/06/19 | 18460 | 01-12.B509 | Delivery of Sand | 957.84 | 2831.76 | 101604 |
| MCCANN INDUSTRIES, INC. | M000340 | 07/08/19 | P05163 | 01-12.B812 | Concrete Repair | 200.25 | | |
| | | 07/09/19 | P08046 | 01-12.B807 | Blower Bldg Masonry Rehab | 225.20 | | |
| | | 07/18/19 | P08822 | 01-12.B807 | Blower Bldg Masonry Rehab | 107.52 | 532.97 | 061880 |
| MCMaster-CARR SUPPLY COMPANY | M000360 | 08/20/19 | 13659582 | 01-12.B507 | Secondary 5 Part | 176.34 | | |
| | | 08/27/19 | 14291372 | 01-12.B507 | Secondary 4 Parts | 227.80 | | |
| | | 08/28/19 | 14431021 | 01-12.B509 | Belt Press Pump 1 Part | 277.40 | | |

| ===== VENDOR ===== | | | ===== INVOICE ===== | | | | | |
|-------------------------------|---------|----------|---------------------|------------|---------------------------|---------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| | | 09/05/19 | 15081718 | 01-12.B501 | Skidsteer Tie Down Rings | 155.29 | | |
| | | 09/10/19 | 15456358 | 01-12.B507 | Secondary 4&5 Parts | 356.20 | | |
| | | 09/11/19 | 15590871 | 01-12.B513 | CHP 1&2 Parts | 33.28 | | |
| | | 09/11/19 | 15593465 | 01-12.B502 | Hypo Piping Parts | 42.62 | 1268.93 | 101605 |
| NICK MENNINGA | M000450 | 09/05/19 | Reimburse | 01-11.B117 | IDFPR License Renewal | 61.35 | 61.35 | 061881 |
| METROPOLITAN INDUSTRIES, INC. | M000500 | 08/28/19 | INV009005 | 01-12.B507 | RAS Pump 4 Part | 989.00 | 989.00 | 061882 |
| MICRO CENTER | M000550 | 08/16/19 | 4806034 | 01-11.B116 | Admin Supplies | 69.99 | | |
| | | 09/09/19 | 4823484 | 01-11.B116 | USB Port | 21.99 | 91.98 | 101606 |
| MOBILE WELDING LLC | M000651 | 09/06/19 | 272082 | 01-15.B828 | Elevator Shaft Hole Repr | 680.00 | 680.00 | 061910 |
| MOTION INDUSTRIES, INC. | M000750 | 08/25/19 | IL10-669498 | 01-12.B507 | RAS Pump 4 Parts | 648.74 | | |
| | | 08/25/19 | IL10-669499 | 01-12.B507 | RAS Pump 4 Parts | 1002.93 | | |
| | | 08/25/19 | IL10-669500 | 01-12.B507 | RAS Pump 4 Parts | 430.52 | | |
| | | 08/30/19 | IL10-669889 | 01-12.B509 | Belt Press Sldg Pmp 2 | 181.14 | | |
| | | 08/30/19 | IL10-669890 | 01-12.B509 | Belt Press Moyno 2 Parts | 147.53 | | |
| | | 08/30/19 | IL10-669958 | 01-12.B506 | Prim 8 Cross Collection | 1164.96 | 3575.82 | 101607 |
| NCPERS GROUP LIFE INSURANCE | N000010 | 08/14/19 | 3266092019 | 01-00.2017 | Voluntary Life Insurance | 288.00 | 288.00 | 061883 |
| NATIONAL SAFETY COUNCIL | N000140 | 08/20/19 | INV-1712837 | 01-11.B117 | J Gwozdz Class | 1295.00 | 1295.00 | 061884 |
| NICOR GAS | N000330 | 08/16/19 | 2833584 | 01-12.B101 | Walnut House Gas | 36.16 | | |
| | | 08/15/19 | 3892638 | 01-11.B101 | Admin Center Gas | 36.66 | | |
| | | 08/16/19 | 4440979 | 01-12.B101 | Plant Gas | 123.42 | | |
| | | 08/14/19 | 4664113 | 01-12.B101 | Chem Feed Gas | 36.74 | 232.98 | 061885 |
| NISSAN ENERGY INC | N000350 | 09/11/19 | 159 | 01-12.B513 | CHP 2 Parts | 1097.00 | | |
| | | 09/13/19 | 160 | 01-12.B513 | CHP 2 Parts | 2093.00 | 3190.00 | 101608 |
| NOVAK BUSINESS FORMS, INC. | N000700 | 09/04/19 | 150793 | 01-11.B120 | Petty Cash Chking Checks | 82.57 | 82.57 | 061886 |
| OFFICIAL PAYMENTS | O000300 | 08/22/19 | 1000009536 | 01-11.B110 | OLR Payment Fees | 35.40 | 35.40 | 101609 |
| PACE ANALYTICAL | P000010 | 08/21/19 | 1940070870 | 01-13.B123 | August NPDES Samples | 100.00 | 100.00 | 101610 |
| PACKEY WEBB FORD | P000020 | 08/27/19 | C49658 | 01-14.C225 | SS Truck Repair | 349.88 | | |
| | | 09/05/19 | C50131 | 01-14.C225 | SS Vehicle Repair | 355.36 | 705.24 | 101611 |
| PERIMETER ACCESS | P000280 | 08/15/19 | 1907949-IN | 01-12.B812 | WWTC Main Gate Parts | 333.11 | 333.11 | 061887 |
| PETTY CASH | P000350 | 09/12/19 | Cash Box | 01-11.B116 | Admin Supplies | 25.16 | | |
| | | 09/12/19 | Cash Box | 01-11.B117 | Supervisor Lunch | 87.12 | | |
| | | 09/12/19 | Cash Box | 01-11.B119 | Postage Due | 6.25 | | |
| | | 09/12/19 | Cash Box | 01-12.C225 | Safety Lane Check | 30.00 | | |
| | | 09/12/19 | Cash Box | 01-15.B525 | Lib Park LS Part | 24.99 | 173.52 | 061888 |
| PIPE-VIEW LLC | P000375 | 08/29/19 | 00007 | 01-14.B124 | SS Televising | 4808.25 | 4808.25 | 061889 |
| POLYDYNE INC. | P000395 | 08/29/19 | 1383772 | 01-12.B402 | Belt Press Polymer | 2142.54 | 2142.54 | 101612 |
| PRINCIPAL LIFE INSURANCE CO | P000650 | 08/18/19 | 1093099 | 01-17.E455 | Dental Insurance | 2513.77 | 2513.77 | 101613 |
| RAINBOW ELECTRIC CO. | R000070 | 08/25/19 | MRINV9311 | 01-12.B503 | Excess Flow Clar 1 Parts | 3015.47 | 3015.47 | 101614 |
| RAPTOR TECH INC. | R000105 | 09/13/19 | 12386 | 01-12.B506 | Prim Cross Coll U-Joints | 864.00 | 864.00 | 101615 |
| RED WING SHOE STORE | R000180 | 09/04/19 | 45-1-73760 | 01-14.B117 | AL Boots | 118.99 | 118.99 | 101616 |
| RENTAL MAX L.L.C. | R000250 | 08/29/19 | 377802-5 | 01-12.B116 | Fork Lift Propane | 27.49 | 27.49 | 061890 |
| RIGGS BROS. OF DOWNERS GROVE | R000330 | 09/09/19 | 145102 | 01-14.C225 | Inspect Truck Window Tint | 195.00 | 195.00 | 061911 |
| RUNCO OFFICE SUPPLY | R000565 | 08/27/19 | 758872-0 | 01-11.B118 | Desk For Asst GM | 1128.00 | 1128.00 | 061891 |
| SAFETY-KLEEN SYSTEMS, INC. | S000050 | 08/26/19 | 80562735 | 01-12.B116 | MSB Supplies | 284.30 | 284.30 | 101617 |
| SEAWAY SUPPLY CO. | S000200 | 08/16/19 | 147291 | 01-13.B116 | Lab Supplies | 58.00 | | |
| | | 08/22/19 | 147439 | 01-12.B116 | MSB Supplies | 300.59 | | |

| ===== VENDOR ===== | | | ===== INVOICE ===== | | | | | |
|------------------------------|---------|----------|---------------------|------------|---------------------------|-----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| | | 08/22/19 | 147440 | 01-13.B116 | Lab Supplies | 29.00 | | |
| | | 08/26/19 | 147505 | 01-12.B116 | MSB Supplies | 58.00 | | |
| | | 09/12/19 | 148033 | 01-12.B116 | MSB Supplies | 192.86 | 638.45 | 101618 |
| SELECTIVE INSURANCE COMPANY | S000210 | 08/25/19 | 417-147-515 | 01-17.E452 | Inspect Truck Add To Pol | 484.00 | 484.00 | 061892 |
| SHERWIN-WILLIAMS CO. | S000320 | 09/10/19 | 0878-1 | 01-12.B513 | Ops Paint | 89.14 | | |
| | | 08/19/19 | 4713-0 | 01-12.B507 | Secondary Clar 5 Paint | 354.52 | | |
| | | 09/06/19 | 5863-2 | 01-12.B507 | Secondary Clar 5 Paint | 176.00 | 619.66 | 101619 |
| SOUND INCORPORATED | S000480 | 08/20/19 | D1340297 | 01-11.B115 | Voicemail Support | 115.50 | | |
| | | 08/22/19 | D1340712 | 01-11.B115 | Desk Top Phone | 586.25 | 701.75 | 101620 |
| STAPLES INC. | S000640 | 08/31/19 | 8055611135 | 01-11.B116 | Admin Supplies | 209.13 | 209.13 | 061893 |
| STEPHENS PLUMBING AND | S000680 | 08/21/19 | 213184 | 01-14.B910 | Shear Repair | 299.85 | | |
| | | 09/04/19 | 213530 | 01-14.B910 | Shear Repair | 355.90 | 655.75 | 061894 |
| TERRACE SUPPLY COMPANY | T000250 | 08/31/19 | 01003209 | 01-12.B116 | Cylinder Rentals | 52.70 | 52.70 | 101621 |
| TRI-COUNTY TRUCK ACCESSORIES | T000525 | 08/22/19 | AR-18089A | 01-14.C225 | Truck Cap - Inspector Trk | 859.00 | 859.00 | 061912 |
| TRIO VISION, LLC | T000580 | 08/22/19 | V028541 | 01-14.B115 | Annual Supp TV Software | 2600.00 | 2600.00 | 101622 |
| USABLUBOOK | U000150 | 08/08/19 | 975042 | 01-15.B527 | Freight Credit | 43.91- | | |
| | | 08/14/19 | 980468 | 01-12.B116 | Ops Supplies | 91.86 | 47.95 | 061895 |
| UNDERCUTTERS | U000190 | 09/05/19 | Tree Service | 01-12.B812 | Sldg Dry Beds Tree Remova | 2150.00 | 2150.00 | 061896 |
| UNISON SOLUTIONS, INC. | U000192 | 08/29/19 | 2019-7043 | 01-12.B404 | Iron Sponge | 7950.00 | 7950.00 | 101623 |
| UNITED PARCEL SERVICE | U000300 | 08/24/19 | 3Y0091349 | 01-12.B510 | Overnight Sludge Sample | 69.06 | 69.06 | 061897 |
| UNO CONSTRUCTION CO., INC. | U000450 | 08/31/19 | 2 | 01-14.B910 | August BSSRAP Jobs | 70118.20 | 70118.20 | 101624 |
| VWR INTERNATIONAL INC. | V000030 | 09/03/19 | 8087489999 | 01-13.B114 | Lab Chemicals | 251.06 | | |
| | | 09/03/19 | 8087491960 | 01-13.B114 | Lab Chemicals | 58.73 | 309.79 | 061898 |
| VERIZON WIRELESS | V000135 | 09/01/19 | 542042956 | 01-12.B112 | WWTC Tablet Service | 118.05 | | |
| | | 09/01/19 | 542042956 | 01-14.B112 | SS Tablet Service | 103.28 | | |
| | | 09/01/19 | 542042956 | 01-15.B112 | LS Tablet Service | 36.01 | | |
| | | 08/28/19 | 785846626 | 01-11.B112 | Admin Cell Service | 438.94 | | |
| | | 08/28/19 | 785846626 | 01-12.B112 | WWTC Cell Service | 851.68 | | |
| | | 08/28/19 | 785846626 | 01-14.B112 | SS Cell Service | 471.55 | | |
| | | 08/28/19 | 785846626 | 01-15.B112 | LS Cell Service | 271.73 | 2291.24 | 061899 |
| WAGNER COMMUNICATIONS, INC | W000070 | 09/01/19 | 190900365 | 01-11.B112 | Answering Service | 291.36 | 291.36 | 101625 |
| CYNTHIA WALLACE | W000090 | 09/12/19 | Rebate 57 | 01-00.2007 | SA 57 Rebate | 275.09 | 275.09 | 061913 |
| WESTFAX | W000350 | 08/31/19 | 1345464 | 01-11.B112 | EFax Service | 8.99 | 8.99 | 101626 |
| WEST SIDE TRACTOR SALES CO. | W000380 | 08/16/19 | N83630 | 01-12.B501 | Loader Parts | 122.54 | 122.54 | 061900 |
| VILLAGE OF WESTMONT | W000450 | 09/05/19 | 715864 | 01-11.B121 | Meter Readings | 370.01 | 370.01 | 061901 |
| G. GEOFFREY WOOD | W000675 | 09/12/19 | Rebate 54 | 01-00.2007 | SA 54 Rebate | 230.49 | 230.49 | 061914 |
| | | | | | | ===== | ===== | |
| Total Payments: | | | | | | 342044.69 | 342044.69 | |
| ACH Payments Total: | | | | | | 289550.02 | .00 | |
| Check Payments Total: | | | | | | 52494.67 | 342044.69 | |

01 GENERAL FUND MANUAL CHECK REGISTER FOR 09/17/19

Date: 09/13/19

Time: 1:52pm

| ===== VENDOR ===== | | | ===== INVOICE ===== | | | | | |
|--|---------|----------|---------------------|------------|---------------------------|-----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| AT&T | A000075 | 08/30/19 | 081267687508 | 01-11.B112 | DSL Back Up Internet | 87.17 | 87.17 | 101552 |
| CHASE | B000050 | 08/19/19 | PR 08/10/19 | 01-00.2000 | Fed Tax | 8729.84 | | |
| | | 08/19/19 | PR 08/10/19 | 01-00.2002 | Empl Soc Sec Tax | 5994.94 | | |
| | | 08/19/19 | PR 08/10/19 | 01-17.E461 | Emplr Soc Sec Tax | 5994.92 | 20719.70 | 101543 |
| CHASE | B000050 | 08/19/19 | SPR 08/15/19 | 01-00.2000 | Fed Tax | 3262.63 | | |
| | | 08/19/19 | SPR 08/15/19 | 01-00.2002 | Empl Soc Sec Tax | 2518.14 | | |
| | | 08/19/19 | SPR 08/15/19 | 01-17.E461 | Emplr Soc Sec Tax | 2518.10 | 8298.87 | 101547 |
| CHASE | B000050 | 09/03/19 | PR 08/24/19 | 01-00.2000 | Federal Tax | 9088.29 | | |
| | | 09/03/19 | PR 08/24/19 | 01-00.2002 | Empl Soc Sec Tax | 6134.74 | | |
| | | 09/03/19 | PR 08/24/19 | 01-17.E461 | Emplr Soc Sec Tax | 6134.76 | 21357.79 | 101554 |
| CHASE | B000050 | 09/06/19 | SPR 08/31/19 | 01-00.2000 | Federal Tax | 4116.55 | | |
| | | 09/06/19 | SPR 08/31/19 | 01-00.2002 | Empl Soc Sec Tax | 2994.56 | | |
| | | 09/06/19 | SPR 08/31/19 | 01-17.E461 | Emplr Soc Sec Tax | 2994.58 | 10105.69 | 101559 |
| CHASE | B000050 | 09/16/19 | PR 09/07/19 | 01-00.2000 | Federal Tax | 8792.98 | | |
| | | 09/16/19 | PR 09/07/19 | 01-00.2002 | Empl Soc Sec Tax | 6030.45 | | |
| | | 09/16/19 | PR 09/07/19 | 01-17.E461 | Emplr Soc Sec Tax | 6030.45 | 20853.88 | 101572 |
| D.G. SANIT DIST #XXXXXXXXX1117 D000400 | | 09/18/19 | Reimburse | 01-00.1001 | Payroll Account Reimburse | 198870.04 | 198870.04 | 101570 |
| D.G. SANIT DIST #XXXXXXXXX1112 D000440 | | 09/18/19 | Reimburse | 01-11.B112 | Phone Case ARU | 64.98 | | |
| | | 09/18/19 | Reimburse | 01-12.B116 | Name Badges | 60.00 | | |
| | | 09/18/19 | Reimburse | 01-14.B117 | AH Polo Shirt | 33.91 | | |
| | | 09/18/19 | Reimburse | 01-14.B910 | BSSRAP Rodding Refund | 371.32 | | |
| | | 09/18/19 | Reimburse | 01-14.C226 | Title Fee Adjustment | 45.00 | | |
| | | 09/18/19 | Reimburse | 01-17.E452 | KS Notary | 10.00 | 585.21 | 101571 |
| DUPAGE CREDIT UNION | D000650 | 08/16/19 | PR 08/10/19 | 01-00.2013 | Empl Authorized W/Holding | 2114.31 | 2114.31 | 101545 |
| DUPAGE CREDIT UNION | D000650 | 08/19/19 | SPR 08/15/19 | 01-00.2013 | Empl Authorized W/Holding | 800.00 | 800.00 | 101549 |
| DUPAGE CREDIT UNION | D000650 | 08/30/19 | PR 08/24/19 | 01-00.2013 | Empl Authorized W/Holding | 2114.31 | 2114.31 | 101556 |
| DUPAGE CREDIT UNION | D000650 | 09/04/19 | SPR 08/31/19 | 01-00.2013 | Empl Authorized W/Holding | 800.00 | 800.00 | 101561 |
| DUPAGE CREDIT UNION | D000650 | 09/13/19 | PR 09/07/19 | 01-00.2013 | Empl Authorized W/Holding | 2114.31 | 2114.31 | 101574 |
| FULL SOURCE, LLC | F000510 | 08/21/19 | FS7169863PQ | 01-11.B117 | Admin Polo Shirts | 149.82 | | |
| | | 08/21/19 | FS7169863PQ | 01-12.B117 | WWTC Polo Shirts | 69.93 | | |
| | | 08/21/19 | FS7169863PQ | 01-14.B117 | SS Polo Shirts | 313.04 | 532.79 | 061838 |
| HEALTH CARE SERVICE CORP. | H000190 | 08/28/19 | 165585 | 01-17.E455 | Health Insurance | 39438.74 | 39438.74 | 101553 |
| HUDSON ENERGY SERVICES, LLC | H000495 | 08/26/19 | Various | 01-15.B100 | LS Electric | 4033.01 | 4033.01 | 061840 |
| HUDSON ENERGY SERVICES, LLC | H000495 | 09/04/19 | 4000003459 | 01-15.B100 | Venard LS Elec | 293.72 | 293.72 | 061842 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/19/19 | PR 08/10/19 | 01-00.2001 | State Tax | 3661.13 | 3661.13 | 101544 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 08/19/19 | SPR 08/15/19 | 01-00.2001 | State Tax | 1446.99 | 1446.99 | 101548 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 09/03/19 | PR 08/24/19 | 01-00.2001 | State Tax | 3746.70 | 3746.70 | 101555 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 09/06/19 | SPR 08/31/19 | 01-00.2001 | State Tax | 1741.41 | 1741.41 | 101560 |
| ILLINOIS DEPARTMENT OF REVENUE | I000240 | 09/16/19 | PR 09/07/19 | 01-00.2001 | State Tax | 3685.35 | 3685.35 | 101573 |
| ILLINOIS MUNICIPAL | I000300 | 09/09/19 | Pension | 01-00.2003 | Empl Pension Deposit | 13442.45 | | |
| | | 09/09/19 | Pension | 01-00.2014 | Empl Vol Pension Deposit | 11151.51 | | |
| | | 09/09/19 | Pension | 01-17.E460 | Emplr Pension Deposit | 26675.82 | 51269.78 | 101564 |
| INVOICE CLOUD | I000750 | 09/10/19 | 607-2019-8 | 01-11.B121 | Biller Portal Fees | 351.00 | 351.00 | 101565 |
| KIMES STEEL | K000150 | 08/22/19 | S-QUO1238 | 01-12.B503 | Excess Flow Rails | 310.60 | 310.60 | 061839 |
| LINKEDIN | L000244 | 09/04/19 | 4055594286 | 01-11.B117 | Admin PT Position | 364.33 | 364.33 | 101566 |
| MAILCHIMP | M000104 | 08/29/19 | 33050954 | 01-11.B115 | Website Plug In | 150.00 | 150.00 | 101569 |

01 GENERAL FUND MANUAL CHECK REGISTER FOR 09/17/19

Date: 09/13/19
Time: 1:52pm

| ===== VENDOR ===== | | | ===== INVOICE ===== | | | | | |
|------------------------------|---------|----------|---------------------|------------|---------------------------|-----------|-----------|----------|
| NAME | NUMBER | DATE | NUMBER | G/L NUMBER | EXPENSE DESCRIPTION | EXPENSE | CHECK AMT | CHECK NO |
| MIDAMERICA ADMIN HRA ACCOUNT | M000557 | 09/03/19 | HRA Funding | 01-17.E455 | HRA Acct Funding | 700.00 | 700.00 | 101558 |
| SIGNS NOW | S000390 | 09/09/19 | SN195-34723 | 01-15.B828 | Wroble LS Sign Deposit | 1854.50 | 1854.50 | 061843 |
| CBT SUPPLY, INC | S000430 | 08/22/19 | 54019.PR.2 | 01-11.B116 | Desktop Partion Clamps | 61.00 | 61.00 | 101542 |
| TRANSAMERICA RETIREMENT | T000415 | 08/16/19 | PR 08/10/19 | 01-00.2027 | Def Comp IPPFA Roth | 40.00 | | |
| | | 08/16/19 | PR 08/10/19 | 01-00.2028 | Def Comp Loan Repay IPPFA | 136.85 | 176.85 | 101546 |
| TRANSAMERICA RETIREMENT | T000415 | 08/19/19 | SPR 08/15/19 | 01-00.2026 | Def Comp IPPFA | 1050.00 | | |
| | | 08/19/19 | SPR 08/15/19 | 01-00.2028 | Def Comp Loan Repay IPPFA | 77.06 | 1127.06 | 101550 |
| TRANSAMERICA RETIREMENT | T000415 | 08/30/19 | PR 08/24/19 | 01-00.2027 | Def Comp Roth IPPFA | 40.00 | | |
| | | 08/30/19 | PR 08/24/19 | 01-00.2028 | Def Comp Loan Repay IPPFA | 136.85 | 176.85 | 101557 |
| TRANSAMERICA RETIREMENT | T000415 | 09/04/19 | SPR 08/31/19 | 01-00.2026 | Def Comp IPPFA | 1050.00 | | |
| | | 09/04/19 | SPR 08/31/19 | 01-00.2028 | Def Comp Loan Repay IPPFA | 77.06 | 1127.06 | 101562 |
| TRANSAMERICA RETIREMENT | T000415 | 09/13/19 | PR 09/07/19 | 01-00.2027 | Def Comp Roth IPPFA | 40.00 | | |
| | | 09/13/19 | PR 09/07/19 | 01-00.2028 | Def Comp Loan Repay IPPFA | 136.85 | 176.85 | 101575 |
| TRI-COUNTY TRUCK ACCESSORIES | T000525 | 08/19/19 | AR18089A | 01-14.C225 | SS Truck Cap | 859.00 | 859.00 | 061837 |
| U.S. POSTAL SERVICE | U000130 | 09/05/19 | Refill | 01-11.B119 | Postage Meter Refill | 1000.00 | 1000.00 | 101568 |
| VANTAGEPOINT TRANSFER AGENTS | V000120 | 08/19/19 | SPR 08/15/19 | 01-00.2020 | Def Comp ICMARC | 300.00 | 300.00 | 101551 |
| VANTAGEPOINT TRANSFER AGENTS | V000120 | 09/04/19 | SPR 08/31/19 | 01-00.2020 | Def Comp ICMARC | 300.00 | 300.00 | 101563 |
| WATER ENVIRONMENT FEDERATION | W000180 | 08/30/19 | Weftec | 01-11.B117 | JG Expo Registration | 50.00 | | |
| | | 08/30/19 | Weftec | 01-12.B117 | WWTC Expo Registration | 675.00 | | |
| | | 08/30/19 | Weftec | 01-13.B117 | Lab Expo Registration | 100.00 | | |
| | | 08/30/19 | Weftec | 01-14.B117 | SS Expo Registration | 100.00 | 925.00 | 061841 |
| WEATHERTECH DIRECT LLC | W000210 | 09/12/19 | 715100678-1 | 01-14.C225 | Floor Mats Inspect Truck | 220.80 | 220.80 | 061844 |
| | | | | | | ===== | ===== | |
| Total Payments: | | | | | | 408851.80 | 408851.80 | |
| ACH Payments Total: | | | | | | 399822.38 | .00 | |
| Check Payments Total: | | | | | | 9029.42 | 408851.80 | |

DATE _____

REVIEWED _____

TRUSTEE APPROVAL _____

PRESIDENT

CLERK

| G/L NUMBER | COST ACCTG DESCRIPTION | DEBIT | CREDIT |
|------------|---|-----------|------------|
| 01-00.1000 | CASH | | 750896.49- |
| 01-00.1001 | CASH - PAYROLL ACCOUNT | 198870.04 | |
| 01-00.2000 | FEDERAL TAX WITHHELD | 33990.29 | |
| 01-00.2001 | STATE TAX WITHHELD | 14281.58 | |
| 01-00.2002 | SOCIAL SECURITY WITHHELD | 23672.83 | |
| 01-00.2003 | IMRF WITHHELD | 13442.45 | |
| 01-00.2007 | REBATES PAYABLE | 2482.80 | |
| 01-00.2013 | CREDIT UNION WITHHELD | 7942.93 | |
| 01-00.2014 | VOLUNTARY ADDITIONAL PENSION CONTRIBUTION | 11151.51 | |
| 01-00.2017 | VOLUNTARY GROUP LIFE | 288.00 | |
| 01-00.2020 | DEFERRED COMPENSATION WITHHELD - ICMARC | 600.00 | |
| 01-00.2026 | DEFERRED COMPENSATION WITHHELD - IPPFA | 2100.00 | |
| 01-00.2027 | DEFERRED COMPENSATION WITHHELD - IPPFA ROTH | 120.00 | |
| 01-00.2028 | DC PLAN LOAN REPAYMENT WITHHELD | 564.67 | |
| 01-11.B100 | ELECTRICITY | 187.75 | |
| 01-11.B101 | NATURAL GAS | 36.66 | |
| 01-11.B102 | WATER, GARBAGE AND OTHER UTILITIES | 195.79 | |
| 01-11.B110 | BANK CHARGES | 35.40 | |
| 01-11.B112 | COMMUNICATION | 1587.55 | |
| 01-11.B115 | EQUIPMENT/EQUIPMENT REPAIR | 8019.14 | |
| 01-11.B116 | SUPPLIES | 714.17 | |
| 01-11.B117 | EMPLOYEE/DUTY COSTS | 3058.50 | |
| 01-11.B118 | BUILDING AND GROUNDS | 2046.67 | |
| 01-11.B119 | POSTAGE | 1006.25 | |
| 01-11.B120 | PRINTING/PHOTOGRAPHY | 82.57 | |
| 01-11.B121 | USER BILLING MATERIALS | 4438.59 | |
| 01-11.B124 | CONTRACT SERVICES | 8183.40 | |
| 01-11.B137 | MEMBERSHIPS/SUBSCRIPTIONS | 1500.00 | |
| 01-11.C222 | GAS/FUEL | 61.47 | |
| 01-11.C225 | OPERATION/REPAIR | 1567.45 | |
| 01-12.B100 | ELECTRICITY | 3026.09 | |
| 01-12.B101 | NATURAL GAS | 196.32 | |
| 01-12.B102 | WATER, GARBAGE AND OTHER UTILITIES | 1634.27 | |
| 01-12.B112 | COMMUNICATION | 1268.41 | |
| 01-12.B113 | EMERGENCY/SAFETY EQUIPMENT | 2052.00 | |
| 01-12.B116 | SUPPLIES | 4576.80 | |
| 01-12.B117 | EMPLOYEE/DUTY COSTS | 1934.23 | |
| 01-12.B401 | CHEMICALS - DISINFECTION | 3301.43 | |
| 01-12.B402 | CHEMICALS - SLUDGE DEWATERING | 2142.54 | |
| 01-12.B404 | CHEMICALS - OTHER | 7950.00 | |
| 01-12.B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL | 277.83 | |
| 01-12.B502 | EQPT/EQPT REPAIR - DISINFECTION | 42.62 | |
| 01-12.B503 | EQPT/EQPT REPAIR - EXCESS FLOW | 41326.07 | |
| 01-12.B506 | EQPT/EQPT REPAIR - PRIMARY TREATMENT | 2056.47 | |
| 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT | 51215.36 | |
| 01-12.B508 | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION | 18631.12 | |

| G/L NUMBER | COST ACCTG DESCRIPTION | DEBIT | CREDIT |
|------------|--|----------|--------|
| 01-12.B509 | EQPT/EQPT REPAIR - SLUDGE DEWATERING | 3464.28 | |
| 01-12.B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | 3454.10 | |
| 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | 712.83 | |
| 01-12.B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | 14364.51 | |
| 01-12.B807 | BLDG AND GROUNDS - SECONDARY TREATMENT | 332.72 | |
| 01-12.B810 | BLDG AND GROUNDS - SLUDGE DIGESTION | 9020.44 | |
| 01-12.B812 | BLDG AND GROUNDS - WWTC GENERAL | 10644.19 | |
| 01-12.C222 | GAS/FUEL | 2206.33 | |
| 01-12.C225 | OPERATION/REPAIR | 82.48 | |
| 01-13.B114 | CHEMICALS | 1752.33 | |
| 01-13.B115 | EQUIPMENT/EQUIPMENT REPAIR | 100.96 | |
| 01-13.B116 | SUPPLIES | 369.20 | |
| 01-13.B117 | EMPLOYEE/DUTY COSTS | 192.66 | |
| 01-13.B123 | OUTSIDE LAB SERVICES | 1546.40 | |
| 01-13.C222 | GAS/FUEL | 33.46 | |
| 01-13.C225 | OPERATION/REPAIR | 1164.45 | |
| 01-14.B112 | COMMUNICATION | 574.83 | |
| 01-14.B113 | EMERGENCY/SAFETY EQUIPMENT | 243.68 | |
| 01-14.B115 | EQUIPMENT/EQUIPMENT REPAIR | 5508.04 | |
| 01-14.B116 | SUPPLIES | 9.44 | |
| 01-14.B117 | EMPLOYEE/DUTY COSTS | 1202.41 | |
| 01-14.B124 | CONTRACT SERVICES | 4838.67 | |
| 01-14.B902 | SEWER SYSTEM REPAIRS - REPLACEMENT | 5716.25 | |
| 01-14.B903 | SEWER SYSTEM REPAIRS - REHABILITATION | 1149.36 | |
| 01-14.B910 | SEWER SYSTEM REPAIRS - BSSRAP PROGRAM | 71145.27 | |
| 01-14.C222 | GAS/FUEL | 1361.76 | |
| 01-14.C225 | OPERATION/REPAIR | 2859.53 | |
| 01-14.C226 | VEHICLE PURCHASES | 45.00 | |
| 01-15.B100 | ELECTRICITY | 10121.90 | |
| 01-15.B112 | COMMUNICATION | 362.22 | |
| 01-15.B113 | EMERGENCY/SAFETY EQUIPMENT | 149.00 | |
| 01-15.B522 | EQPT/EQPT REPAIR - COLLEGE | 9106.90 | |
| 01-15.B525 | EQPT/EQPT REPAIR - LIBERTY PARK | 66.71 | |
| 01-15.B526 | EQPT/EQPT REPAIR - NORTHWEST | 4444.12 | |
| 01-15.B527 | EQPT/EQPT REPAIR - VENARD | 305.22 | |
| 01-15.B528 | EQPT/EQPT REPAIR - WROBLE | 321.18 | |
| 01-15.B820 | BLDG AND GROUNDS - BUTTERFIELD | 155.50 | |
| 01-15.B821 | BLDG AND GROUNDS - CENTEX | 155.50 | |
| 01-15.B823 | BLDG AND GROUNDS - EARLSTON | 155.50 | |
| 01-15.B824 | BLDG AND GROUNDS - HOBSON | 155.50 | |
| 01-15.B825 | BLDG AND GROUNDS - LIBERTY PARK | 155.50 | |
| 01-15.B826 | BLDG AND GROUNDS - NORTHWEST | 155.50 | |
| 01-15.B827 | BLDG AND GROUNDS - VENARD | 155.50 | |
| 01-15.B828 | BLDG AND GROUNDS - WROBLE | 2725.36 | |
| 01-17.E452 | LIABILITY/PROPERTY | 494.00 | |
| 01-17.E455 | EMPLOYEE GROUP HEALTH | 43407.15 | |

| G/L NUMBER | COST ACCTG DESCRIPTION | DEBIT | CREDIT |
|------------|------------------------|-----------|------------|
| 01-17.E460 | IMRF | 26675.82 | |
| 01-17.E461 | SOCIAL SECURITY | 23672.81 | |
| | | ===== | |
| | | 750896.49 | 750896.49- |

| Vendor | Invoice Date | Amount | Coding | Coding Description | Purchase Location | Emp. | Procurement | Project Name (If applicable) | Item Description |
|------------|--------------|----------|------------|--|-------------------|------|--------------|---|---|
| Grainger | 08/15/19 | \$165.53 | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | Delivered | AC | | Safety Equipment/ Gas Monitor | Regulator for test gas cylinder |
| Grainger | 08/15/19 | \$932.85 | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | Delivered | AC | | Safety Equipment/ Gas Monitor | Gas Detector and Calibration Bottle |
| Grainger | 08/16/19 | \$300.86 | 01-15.B528 | EQUIP/EQUIP REPAIR - WROBLE | Delivered | RF | | Wroble LS Sand Blasting Repairs | Magnetic Contactor and Overload Relay |
| Grainger | 08/16/19 | \$20.32 | 01-15.B528 | EQUIP/EQUIP REPAIR - WROBLE | In-Store | CP | | Wroble LS Sand Blasting Repairs | Liquid Float Switch |
| Grainger | 08/16/19 | \$6.57 | 01-11.B118 | ADMIN BUILDING & GROUNDS | In-Store | CP | | Hall Runner Replacement | Adhesive Remover Spray |
| Grainger | 08/20/19 | \$8.61 | 01-12.B116 | WWTC SUPPLIES | Delivered | AC | | Stock | Paint & Gasket Remover |
| Grainger | 08/20/19 | \$65.70 | 01-12.B116 | WWTC SUPPLIES | Delivered | MM | | Supplies | Drum Pumps for liquid deodorants |
| Grainger | 08/22/19 | \$121.28 | 01-12.B116 | WWTC SUPPLIES | Delivered | JPB | | Maintenance Repair Supplies | Hardware and Plumbing Supplies |
| Grainger | 08/22/19 | \$133.58 | 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT | Delivered | AC | | Secondary 5 Catwalk and Railing Upgrade | 5/8" Stainless Thread Rod |
| Grainger | 08/28/19 | \$370.00 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | AC | | Pump Repairs | Flat Bed Cart - 2000 Capacity |
| Grainger | 08/30/19 | \$282.20 | 01-13.B116 | LAB SUPPLIES | Delivered | DRB | circle k | | grease collection cups |
| Grainger | 09/06/19 | \$6.70 | 01-12.B116 | WWTC SUPPLIES | Delivered | AC | | Supplies | All Weather Memo Book |
| Grainger | 09/09/19 | \$113.40 | 01-12.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | Delivered | MM | circle k | | Latex Gloves |
| Grainger | 09/10/19 | \$241.14 | 01-12.B512 | EQPT/EQPT REPAIR - WWTC GENERAL | Delivered | JPB | | Maintenance Repair Supplies | Hardware and Plumbing Supplies |
| Home Depot | 08/20/19 | \$34.90 | 01-14.B113 | WWTC EMERGENCY/SAFETY EQUIPMENT | In-Store | AH | | | 3M Banded Hearing Protection |
| Home Depot | 08/20/19 | \$9.44 | 01-14.B116 | SEWER SYSTEM SUPPLIES | In-Store | AH | | | Indoor Fly Trap |
| Home Depot | 09/06/19 | \$149.00 | 01-15.B113 | EMERGENCY/SAFETY EQUIPMENT | In-Store | CP | Same Trip | Safety Equipment | Cordless Electric Blower to Vent Air Relief Man Holes |
| Home Depot | 09/06/19 | \$55.46 | 01-12.B116 | WWTC SUPPLIES | In-Store | CP | Same Receipt | Supplies | No Parking Sign, Stake & 8'x10' Pop-Up Canopy (Sun Shelter) |
| Home Depot | 09/06/19 | \$99.95 | 01-12.B116 | WWTC SUPPLIES | In-Store | CP | | Supplies | Roof/Masonry Cleaner & 10'x10' Pop-Up Canopy (Sun Shelter) |
| Home Depot | 08/26/19 | \$73.40 | 01-13.B115 | LAB EQUIPMENT/EQUIPMENT REPAIR | In-Store | CP | | Laboratory Window Tinting | Solar screen and Spline |
| Home Depot | 08/16/19 | \$74.85 | 01-11.B118 | ADMIN BUILDING & GROUNDS | In-Store | CP | | Hall Runner Replacement | Carpet and Double sided tape |
| Home Depot | 08/16/19 | \$41.72 | 01-15.B525 | EQUIP/EQUIP REPAIR - LIBERTY PARK | In-Store | CP | | Liberty Park LS Bird Cage #2 | Chain and hardware for second birdcage |
| Home Depot | 08/26/19 | \$27.56 | 01-13.B115 | LAB EQUIPMENT/EQUIPMENT REPAIR | In-Store | CP | | Laboratory Window Tinting | Solar screen |
| Home Depot | 08/23/19 | \$35.36 | 01-15.B828 | BUILDING/GROUNDS - WROBLE | In-Store | CP | | Wroble LS Sand Blasting Repairs | Light bulbs to replace damaged ones |
| Home Depot | 08/23/19 | \$72.68 | 01-12.B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT | In-Store | BS | | Secondary 4 catwalk and railing upgrade | Stainless chain, eye bolts and clips |
| Home Depot | 08/22/19 | \$15.98 | 01-11.B116 | ADMIN SUPPLIES | Delivered | CS | | Supplies | AA Batteries |
| Home Depot | 08/22/19 | \$22.97 | 01-11.B117 | EMPLOYEE/DUTY COSTS | Delivered | CS | | Safety Supplies | Knee Pads for Alex |
| Home Depot | 08/22/19 | \$153.63 | 01-12.B116 | WWTC SUPPLIES | In-Store | CP | | Shop Supplies | Paint and vehicle restock supplies |
| Home Depot | 08/23/19 | \$11.98 | 01-11.B116 | ADMIN SUPPLIES | Delivered | CS | | Admin Supplies | AAA Batteries |

Date: 9/12/2019

Due Date: 9/17/2019

Invoice #: Reimburse

Petty Cash Checking Reimbursement

D-440

| Date | Purchased From | Description | Code | Amount | Ck No. |
|-------------|-----------------------|----------------------------|-------------|---------------|---------------|
| 08/16/19 | Morrows Bros Ford | Title Fee Adjustment | 14.C226 | 45.00 | 3591 |
| 08/21/19 | Joh Grabs | BSSRAP Rodding Refund | 14.B910 | 371.32 | 3592 |
| 08/27/19 | Amy Underwood | Phone Case | 11.B112 | 64.98 | 3593 |
| 09/10/19 | B Gunther | Name Badges for Open House | 12.B116 | 60.00 | 3594 |
| 09/10/19 | Full Source | Polo Shirt Order | 14.B117 | 33.91 | 3595 |
| 09/12/19 | Cook County Clerk | Notary for Keith Shaffner | 17.E452 | 10.00 | 3596 |

Total Receipts/Reimbursement 585.21

Expense by code

| | |
|---------|---------------|
| 11.B112 | 64.98 |
| 12.B116 | 60.00 |
| 14.B117 | 33.91 |
| 14.B910 | 371.32 |
| 14.C226 | 45.00 |
| 17.E452 | 10.00 |
| | <u>585.21</u> |

P - 350

Invoice #: Cash Box

| | |
|---------|--------|
| 11.B116 | 25.16 |
| 11.B117 | 87.12 |
| 11.B119 | 6.25 |
| 12.C225 | 30.00 |
| 15.B525 | 24.99 |
| | <hr/> |
| | 173.52 |



SCADA System

DOWNERS GROVE SANITARY DISTRICT

SEPTEMBER 17, 2019

SCADA

- ▶ Supervisory Control And Data Acquisition
- ▶ Installation started in 1998
- ▶ Allows Unmanned Operation
- ▶ Provides Precise Operation
- ▶ Records Operational Data

EXIT

TERTIARY ORP: 325 mV
EFFLUENT ORP: 150 mV

9/6/2019

Downers Grove Sanitary District
SCADA SYSTEM

11:47:07 AM

Utility 0.09 MW
Emerg. Gen 0.00 MW
CHP Gen 0.38 MW

| | | | | |
|-------------------------|---|--------------------------------|--|----------------------------------|
| INFLUENT PUMPING SYSTEM | SECONDARY & INTERMEDIATE CLARIFIERS | MECHANICAL DEWATERING BUILDING | CHP EQUIPMENT | LIFT STATIONS |
| EXCESS FLOW CONDITIONS | TERTIARY SYSTEM | SAFETY | CHP HEAT RECOVERY | GAS METER OVERVIEW |
| GRIT REMOVAL SYSTEM | CHLORINATION DECHLORINATION | UTILITIES & WEATHER | AIR FLOW CONTROL | EAST GREASE STATION |
| PRIMARY CLARIFIERS | SLUDGE DIGESTION SYSTEM Differential #3: 6.59 Ft Differential #5: 6.94 Ft | SITE SECURITY | Digester #1 Temp: 102.8 °F Digester #2 Temp: 102.8 °F Digester #4 Temp: 101.4 °F Digester #5 Temp: 100.6 °F | WEST GREASE STATION |
| AERATION SYSTEM | ON-CALL STATUS | COMMUNICATIONS | | |
| RETURN SLUDGE SYSTEM | INF / EFF FLOW TRENDS | EXCESS FLOW TRENDS | COMBINED FLOW TRENDS | ST. JOE'S CREEK #002 FLOW TRENDS |

INFLUENT FLOW
8.92

EFFLUENT FLOW
10.17

WAS FLOW
91 GPM

EXCESS FLOW
0.00

EX. TANKS LVL
0.9 FT

COMBINED FLOW
0.00

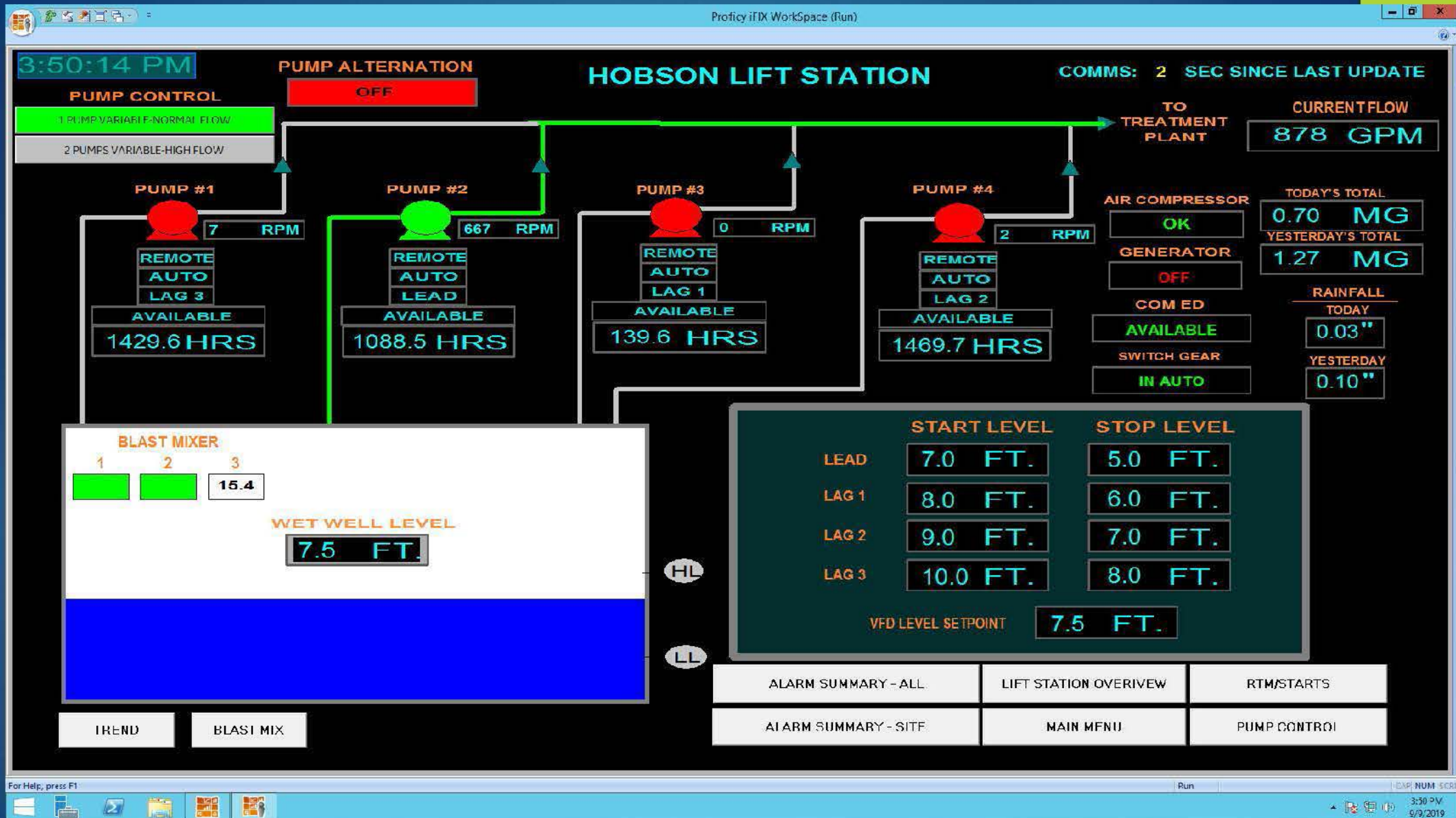
ST. JOE'S / #002 FLOW
0.00

For Help, press F1

Run

CHP NUM SCR1

11:47 AM
9/6/2019



Minimum Total Air Flow Setpoints

Hoffman Blowers

ABS Blower #1

| | | |
|------------|----------|-----|
| HAND SPEED | 3000 CFM | |
| MAX | 6000 CFM | |
| ACTUAL | 0 CFM | 0 % |

MAKE ABS #1 LEAD BLOWER

ABS Blower #2

| | | |
|------------|----------|------|
| HAND SPEED | 2500 CFM | |
| MAX | 6000 CFM | |
| ACTUAL | 4659 CFM | 74 % |

ABS #2 IS LEAD BLOWER

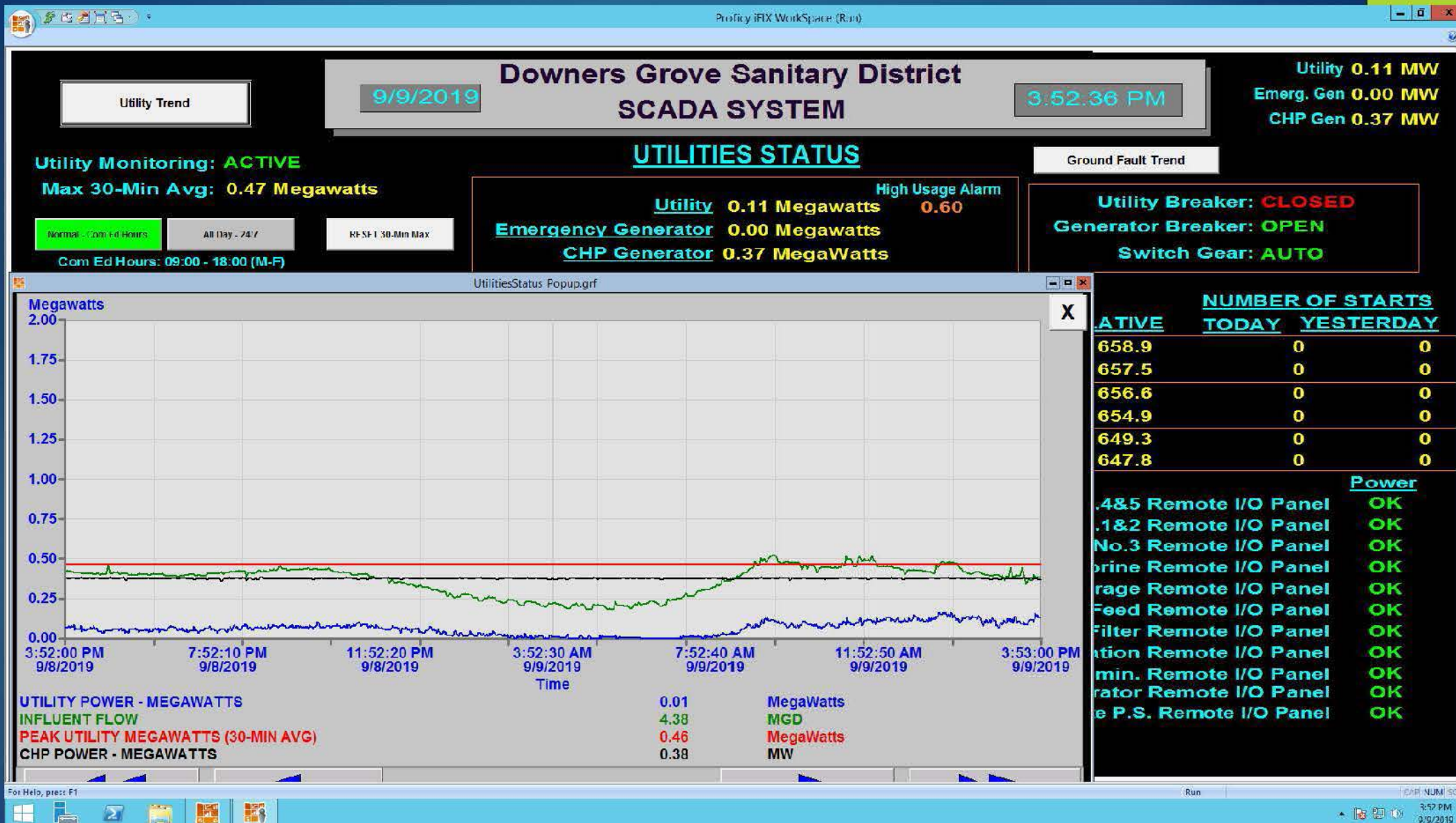
LAG Blower Setpoints

| | | |
|-----------------|----------|---------|
| START (ON RISE) | 5600 CFM | 60 SEC |
| STOP (ON FALL) | 4900 CFM | 120 SEC |

Ammonia Control

54.2%

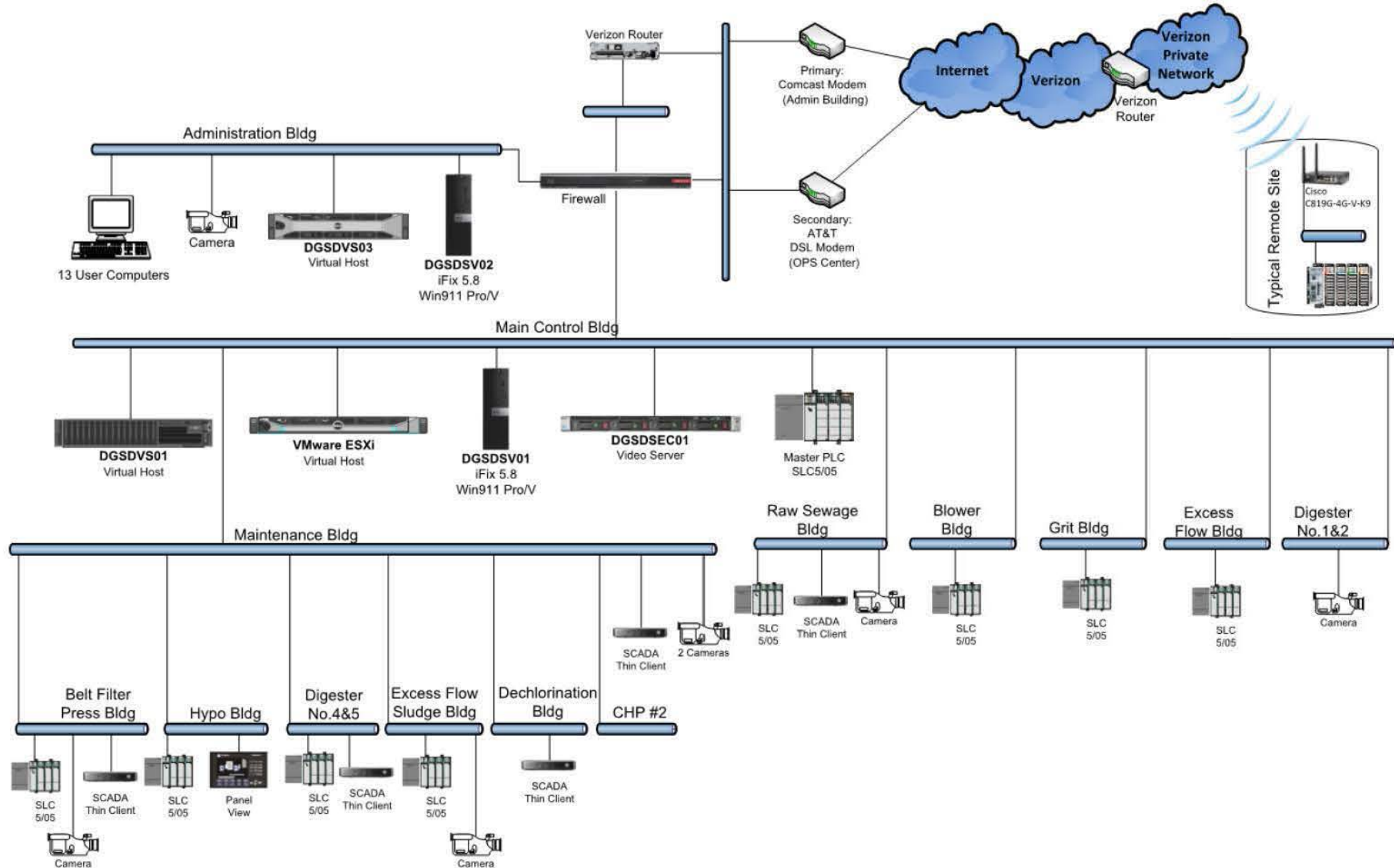
Anaerobic Tank Mixer



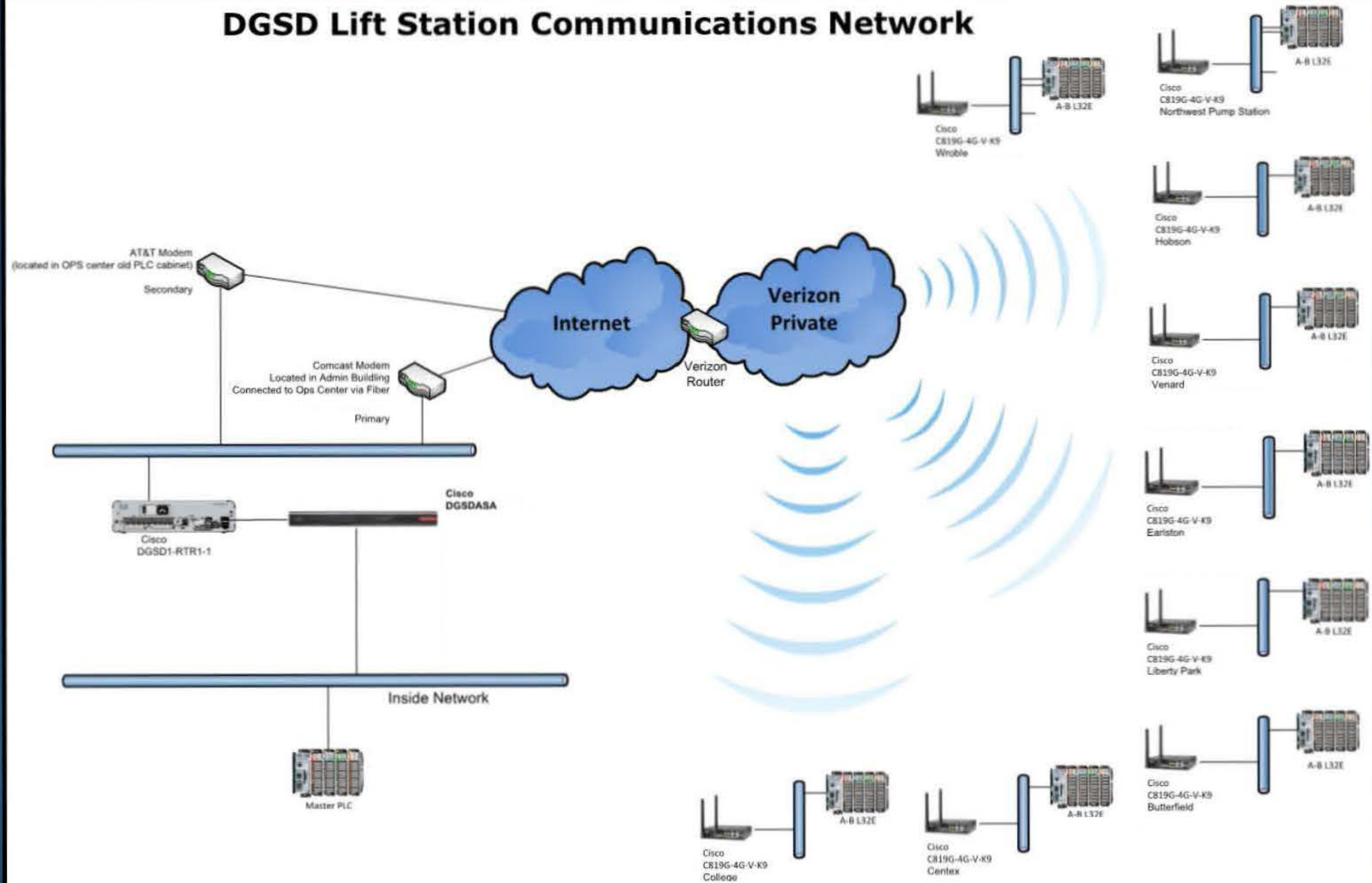
System Architecture

- ▶ Over 1600 Input/Output (I/O) Points
- ▶ 19 Allen Bradley Program Logic Controllers (PLC)
- ▶ 10 Remote I/O Cabinets (RIO)
- ▶ GE Proficy HMI/SCADA iFIX Software
- ▶ Hach WIMS used to log and manage data
- ▶ Network Communications
 - ▶ Fiber Optic
 - ▶ Hardwired/CAT5
 - ▶ Cellular – Lift Stations
- ▶ Networked with Administration IT Network
- ▶ Additional Network Devices (Cameras and Wi-Fi)

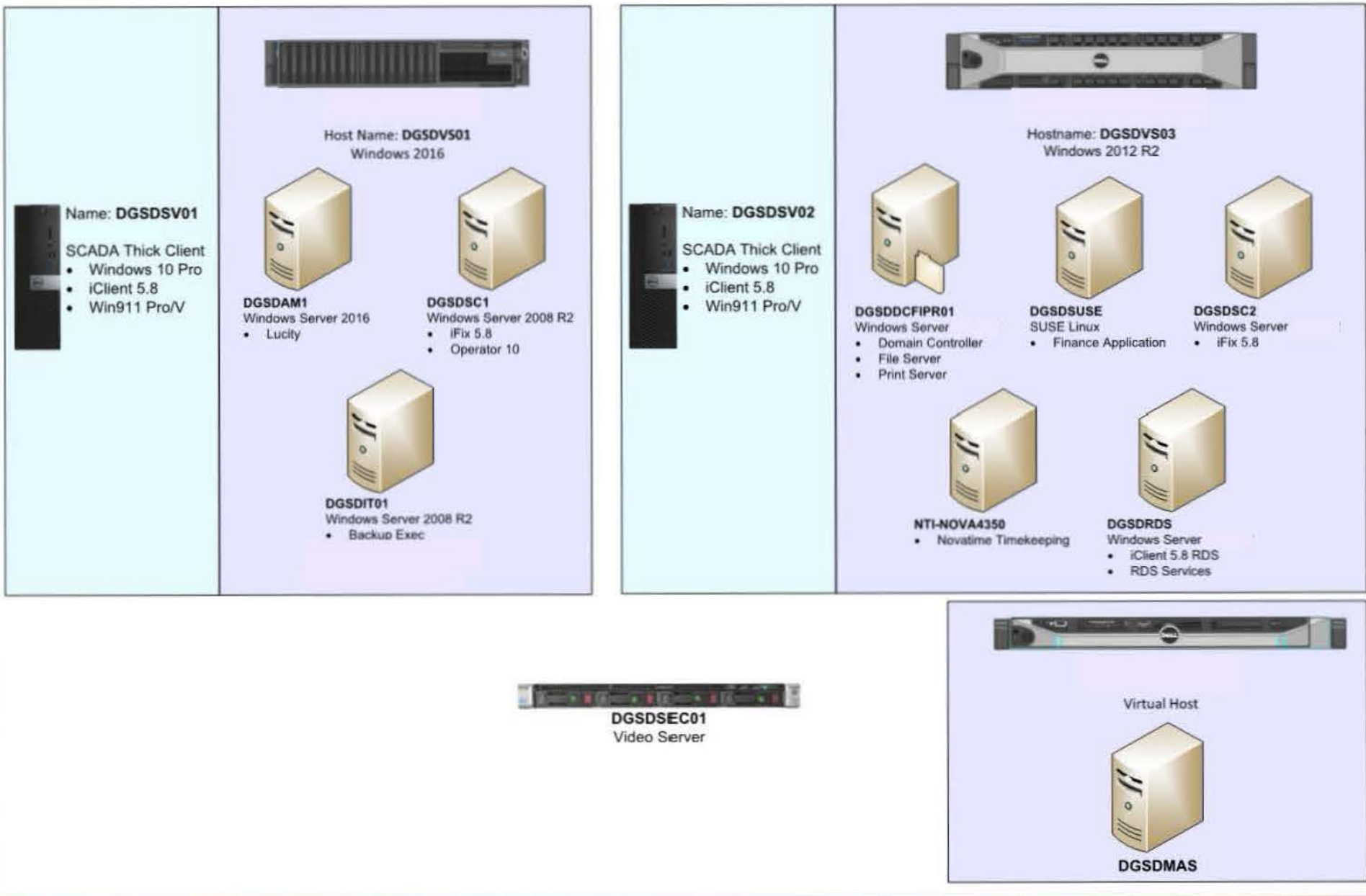
DGSD Network Overview



DGSD Lift Station Communications Network



DGSD Application Software Details



Reliability and Redundancy

- ▶ Redundant high speed connections for Lift Station communication
- ▶ Redundant SCADA Servers and Alarming Nodes
 - ▶ Setpoint changes, equipment status and operational data are automatically communicated between servers
 - ▶ Constant monitoring of each other for loss of communications
- ▶ Each SCADA PLC is programmed to provide local control independent of the system
- ▶ Uninterruptible Power Supply (UPS)
 - ▶ One in each PLC and RIO cabinet in the WWTC
 - ▶ Two at each Lift Station
- ▶ Data backup



Future Items

- ▶ Automate hypochlorite feed for excess flow
- ▶ Automate sludge operations for the Excess Flow Clarifiers
- ▶ SCADA PLC replacement
- ▶ Fiber replacement

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Nicholas J. Menninga
General Manager

FROM: W. Clay Campbell
Administrative Supervisor

DATE: September 13, 2019

RE: Progress Report – August, 2019

ADMINISTRATIVE

Personnel

The District filled its Part-Time Office Clerical position. Megan MacQuilkin's first day with the District was September 10.

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

As there has been no claim reimbursement activity since the last summary, no summary is being provided at this time.

Safety Committee

Our next Safety Committee Meeting has been scheduled for October 8. Jessie Gwozdz, the District's Safety Coordinator has been working on numerous safety-related projects in anticipation of facilitating these meetings. I anticipate chairing these meetings for the next several months before handing over the reins to Jessie.

Open House

Physical and email invites (for those parties that have designated it as the best way to receive this communication) were mailed out to the list on Thursday, August 29. Information has been posted to Facebook, Nextdoor and the District's website. Staff continues to perform additional work in preparation for the event.

IAWA Annual Conference

Trustee Van Buren, Nick Menninga, Amy Underwood and I all attended the IAWA annual conference in Itasca on September 11-12. Trustee Van Buren presented on September 10 as part of a Trustee Roundtable.

Technology Update

Jessie Gwozdz's work digitizing the District's BSSRAP files is complete – as a staff we are still wrapping up establishing future protocols for maintaining and expanding the current digital files for the BSSRAP program and how digitization will occur going forward.

We are working on several different projects for the next several months with Concentric Integration:

- We are still testing the Mobile-911 alarming software.
- I am awaiting a proposal from Larry Kravets with Concentric Integration pricing out leveraging a cloud backup solution for most of the District's data footprint. Currently, the District utilizes this type of backup storage technology for only its televising footage. By increasing what kinds of District data are being backed up to the cloud, the District is increasing both the reliability and resiliency of its data for approximately the same cost as replacing the somewhat dated, on-premises backup solutions currently in use.

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: | 88 |
| # of Customers paying their bills online in the last month: | 1,193 |
| Amount of Money processed through the Portal in the last month: | \$66,305.88 |
| # of Customers signing up for Autopay through the Portal in the last month: | 38 |
| # of Customers enrolled in paperless billing in the last month: | 38 |
| # of customers registered for pay by text in the last month: | 24 |
| Cost to District for providing Invoice Cloud service in the last month: | \$359.10 |
| Cost to District's customers (convenience fees) in the last month: | \$1,157.64 |
| Estimated Monthly savings from customers enrolled in paperless billing: | \$57.60 |
| | |
| # of Customers registered from launch through last month: | 4,148 |
| # of Customers signing up for Autopay through the Portal from launch through last month: | 1,108 |
| # of Customers enrolled in paperless billing from launch through last month: | 1,920 |
| # of customers registered for pay by text from launch through last month: | 1,182 |

FINANCIAL

Annual Audit

We have provided the DuPage County Board Chairman's office a copy of the District's annual audit as well as all required correspondence with our auditor. We are anticipating publishing a notice of the audit's availability for public review on September 19. We will be filing a copy of the audit with the DuPage County Clerk's office. Lauterbach & Amen, LLP will be filing the Comprehensive Annual Financial Report with the Illinois Comptroller's office in October.

Special Assessment Rebate Status

Please find below a summary of the remaining outstanding rebates (out of 113 total) for all four special assessments being rebated (SAs 54-57):

SA 54: 3

SA 55: 4

SA 56: 2

SA 57: 1

Total: 10 remaining to be paid out.

User Billing

Detailed billing information is attached to this report.

CODE ENFORCEMENT & UNSEWERED AREAS

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

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

Sewer Permitting Process

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

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

USER BILLING SUMMARY

User Charge System

Billings for August 2019 were as follows:

| | |
|---------------------------------|---------------------|
| User | \$332,866.49 |
| Surcharge | 37,438.99 |
| Monthly fees | 379,004.61 |
| Total | <u>\$749,310.09</u> |
| Summer Usage Adjustment | \$7,968.59 |
| Billable Flow | 200,491,224 |
| Budgeted Billable Flow | 217,943,550 |
| % Actual/Budgeted Billable Flow | 91.99% |
| YTD Billable Flow | 629,691,925 |
| YTD Budgeted Billable Flow | 661,673,211 |
| % Actual/Budgeted Billable Flow | 95.17% |

The user accounts receivable balance on 8/31/2019 is \$740,506.81 and consists of:

| | |
|------------------------------|---------------------|
| Current charges due 8/15/19 | \$636,220.84 |
| Past due charges and penalty | 104,285.97 |
| Total | <u>\$740,506.81</u> |

The past due charges represent:

| <u>Age</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Totals</u> |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 30 days past due | \$25,253.77 | \$3,725.94 | \$28,979.71 |
| 60 days past due | 20,047.32 | 3,226.93 | 23,274.25 |
| 90 days & greater past due | 46,041.82 | 5,990.19 | 52,032.01 |
| | <u> </u> | <u> </u> | <u> </u> |
| Totals | \$91,342.91 | \$12,943.06 | \$104,285.97 |

Summary of
Past Due Charges
(90 Days and Over)

Five Year Comparison

August

| <u>Year</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u> |
|-------------|---------------------|----------------|-----------------|
| 2019 | \$46,041.82 | \$5,990.19 | \$52,032.01 *** |
| 2018 | 43,522.44 | 6,201.77 | 49,724.21 *** |
| 2017 | 42,346.29 | 4,775.26 | 47,121.55 *** |
| 2016 | 37,126.48 | 5,073.64 | 42,200.12 ** |
| 2015 | 39,532.46 | 6,098.81 | 45,631.27 ** |

***Includes \$10,059.17 (1 plug at \$276.00 and one dig up at \$4,169.84 plus late fees) in sewer disconnection costs on 2 accounts.

**Includes \$16,720.74 in sewer disconnection costs on 5 accounts.

Twelve Months Ending August 2019

| <u>Month</u> | <u>User Charges</u> | <u>Penalty</u> | <u>Total</u> |
|--------------|---------------------|----------------|--------------|
| 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 |
| 5/31/19 | 41,508.51 | 5,098.57 | 46,607.08 |
| 4/30/19 | 37,792.28 | 4,731.80 | 42,524.08 |
| 3/31/19 | 39,815.02 | 4,905.41 | 44,720.43 |
| 2/28/19 | 43,310.88 | 5,149.61 | 48,460.49 |
| 1/31/19 | 40,850.54 | 4,813.96 | 45,664.50 |
| 12/31/18 | 37,925.83 | 4,581.75 | 42,507.58 |
| 11/30/18 | 42,682.50 | 4,931.46 | 47,613.96 |
| 10/31/18 | 33,575.34 | 3,594.72 | 37,170.06 |
| 9/30/18 | 46,466.55 | 6,378.34 | 52,844.89 |

Twelve (12) of twenty (20) delinquent accounts that were scheduled for pre-enforcement conferences on August 15, 2019 have paid in full. One account from 2012 and another from 2014 are the only two remaining sewer disconnections.

To: Nick Menninga, General Manager
From: Marc Majewski, Operations Supervisor
Re: Month of August, 2019 WWTC Operations Report.
Date: September 10, 2019

Attached please find detailed operating data and our monthly report to Illinois EPA for August. We had no excursions over our permit limit in August.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 8.71 MGD. Total precipitation at the WWTC was 4.67". There was 1 excess flow event during the month of August. There were 5 days of discharge over 11 mgd.
- Activated sludge: Good operating performance continued throughout the month of August. Floc formers are predominating leading to good solids settling
- Anaerobic Digesters: Pumped a total of 1,137,604 gallons of primary sludge, 682,600 gallons of WAS, and 265,564 gallons of waste grease for a total of 2,085,768 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 60.5% for August.
- Digester gas: Total digester gas production was 5,582,288 cubic feet. 24,310 cubic feet of gas was used for anaerobic digestion heat, and 3,921,184 cubic feet was used in the CHP facilities. 992,012 cubic feet of flared gas was recorded during the month. The Munters dehumidifier used 644,781 cubic feet of gas.
- Bio-solids: Bio solid drying and deliveries continue. 407 cubic yards were distributed in the month of August. Total delivered for the year is 1,485 cubic yards.
- Miscellaneous Items: The Tech3 CHP engine failed on August 8th and has been out of service awaiting repairs. Oscar Avila stopped seasonal employment on August 16th.
- Electricity: Overall net energy from ComEd was: 77,801 KW-Hrs. Electricity Generated by the CHP system was 278,838 KW-Hrs. Monthly net energy (including natural gas usage) was 80 MW-Hrs for the month of August.

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

Monthly Operations Report Page 1

| | 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 |
| 8/1/2019 | 0.00 | 10.98 | 4.03 | 7.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.98 | 7.47 | 0.00 |
| 8/2/2019 | 0.00 | 10.54 | 3.87 | 7.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.54 | 7.14 | 0.00 |
| 8/3/2019 | 0.00 | 10.21 | 3.54 | 6.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.21 | 6.85 | 0.00 |
| 8/4/2019 | 0.01 | 10.29 | 4.05 | 7.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.29 | 7.17 | 0.00 |
| 8/5/2019 | 0.00 | 10.46 | 3.62 | 7.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.46 | 7.24 | 0.00 |
| 8/6/2019 | 0.08 | 13.82 | 3.69 | 7.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.82 | 7.27 | 0.00 |
| 8/7/2019 | 0.00 | 10.37 | 3.67 | 7.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.37 | 7.16 | 0.00 |
| 8/8/2019 | 0.00 | 10.18 | 3.38 | 6.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.18 | 6.84 | 0.00 |
| 8/9/2019 | 0.00 | 10.18 | 2.97 | 6.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.18 | 6.60 | 0.00 |
| 8/10/2019 | 0.00 | 10.05 | 3.12 | 6.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.05 | 6.44 | 0.00 |
| 8/11/2019 | 0.20 | 10.71 | 2.92 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.71 | 7.04 | 0.00 |
| 8/12/2019 | 0.55 | 13.49 | 3.61 | 7.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.49 | 7.81 | 0.00 |
| 8/13/2019 | 0.15 | 13.53 | 6.61 | 9.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.53 | 9.04 | 0.00 |
| 8/14/2019 | 0.00 | 11.45 | 4.62 | 8.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.45 | 8.07 | 0.00 |
| 8/15/2019 | 0.00 | 10.39 | 3.94 | 7.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.39 | 7.23 | 0.00 |
| 8/16/2019 | 0.00 | 10.47 | 3.46 | 7.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.47 | 7.01 | 0.00 |
| 8/17/2019 | 0.45 | 19.26 | 3.38 | 8.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.26 | 8.49 | 0.00 |
| 8/18/2019 | 1.49 | 27.77 | 4.68 | 16.01 | 23.79 | 2.17 | 0.00 | 0.00 | 0.00 | 0.00 | 51.56 | 18.19 | 2.40 |
| 8/19/2019 | 0.08 | 18.57 | 9.51 | 13.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.57 | 13.55 | 0.00 |
| 8/20/2019 | 0.19 | 16.16 | 8.36 | 12.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16.16 | 12.00 | 0.00 |
| 8/21/2019 | 0.01 | 14.10 | 7.04 | 10.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.10 | 10.36 | 0.00 |
| 8/22/2019 | 0.00 | 13.68 | 5.79 | 8.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.68 | 8.97 | 0.00 |
| 8/23/2019 | 0.00 | 11.45 | 4.72 | 7.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.45 | 7.92 | 0.00 |
| 8/24/2019 | 0.00 | 10.60 | 4.33 | 7.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.60 | 7.43 | 0.00 |
| 8/25/2019 | 0.00 | 10.44 | 4.07 | 7.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.44 | 7.49 | 0.00 |
| 8/26/2019 | 1.38 | 26.69 | 4.20 | 14.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.69 | 14.64 | 0.00 |
| 8/27/2019 | 0.00 | 18.93 | 10.37 | 13.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.93 | 13.61 | 0.00 |
| 8/28/2019 | 0.00 | 17.60 | 6.58 | 9.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.60 | 9.53 | 0.00 |
| 8/29/2019 | 0.00 | 12.04 | 5.45 | 8.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.04 | 8.68 | 0.00 |
| 8/30/2019 | 0.00 | 11.25 | 4.73 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.25 | 7.78 | 0.00 |
| 8/31/2019 | 0.08 | 10.64 | 4.30 | 7.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.64 | 7.24 | 0.00 |
| Minimum | 0.00 | 10.05 | 2.92 | 6.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.05 | 6.44 | 0.00 |
| Maximum | 1.49 | 27.77 | 10.37 | 16.01 | 23.79 | 2.17 | 0.00 | 0.00 | 0.00 | 0.00 | 51.56 | 18.19 | 2.40 |
| Total | 4.67 | 416.28 | 148.59 | 270.08 | 23.79 | 2.17 | 0.00 | 0.00 | 0.00 | 0.00 | 440.07 | 272.26 | 2.40 |
| Average | 0.15 | 13.43 | 4.79 | 8.71 | 0.77 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 14.20 | 8.78 | 0.08 |

Monthly Operations Report Page 2

| | 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 |
| 8/1/2019 | 7.47 | 2,352 | 82,790 | 25.45 | 18 | 15 | 14 | 63 | 2,862 | | |
| 8/2/2019 | 7.14 | 2,149 | 77,659 | 32.74 | 20 | 15 | 14 | 71 | | 4,345 | |
| 8/3/2019 | 6.85 | | 77,659 | 32.21 | | | | | | | |
| 8/4/2019 | 7.17 | | 77,659 | 33.85 | | | | | | | |
| 8/5/2019 | 7.24 | 2,274 | 84,129 | 32.13 | 21 | 17 | 16 | 75 | | 4,817 | 7.2 |
| 8/6/2019 | 7.27 | 2,545 | 98,023 | 42.49 | 20 | 13 | 15 | 49 | 4,299 | | 6.9 |
| 8/7/2019 | 7.16 | 2,731 | 104,902 | 47.48 | 21 | 17 | 16 | 62 | | 5,016 | 7.0 |
| 8/8/2019 | 6.84 | 3,030 | 108,854 | 43.66 | 18 | 16 | 15 | 53 | 4,275 | | |
| 8/9/2019 | 6.60 | 2,858 | 103,370 | 40.92 | 20 | 17 | 16 | 58 | | 4,759 | |
| 8/10/2019 | 6.44 | | 103,370 | 42.40 | | | | | | | |
| 8/11/2019 | 7.04 | | 103,370 | 41.73 | | | | | | | |
| 8/12/2019 | 7.81 | 2,869 | 104,290 | 46.94 | 21 | 17 | 15 | 59 | | 4,313 | 7.0 |
| 8/13/2019 | 9.04 | 2,677 | 98,615 | 47.54 | 18 | 15 | 14 | 56 | 4,527 | | 6.9 |
| 8/14/2019 | 8.07 | 2,857 | 104,812 | 29.17 | 21 | 17 | 15 | 59 | | 6,197 | 7.0 |
| 8/15/2019 | 7.23 | 2,934 | 106,432 | 23.25 | 22 | 17 | 16 | 59 | 4,145 | | |
| 8/16/2019 | 7.01 | 2,820 | 102,888 | 26.95 | 22 | 18 | 16 | 62 | | 4,467 | |
| 8/17/2019 | 8.49 | | 102,888 | 23.29 | | | | | | | |
| 8/18/2019 | 16.01 | | 102,888 | 20.60 | | | | | | | |
| 8/19/2019 | 13.55 | 2,808 | 106,131 | 10.68 | 24 | 19 | 18 | 69 | | 8,193 | 7.5 |
| 8/20/2019 | 12.00 | 2,874 | 112,112 | 9.60 | 25 | 19 | 17 | 65 | 5,262 | | 7.4 |
| 8/21/2019 | 10.36 | 2,390 | 97,469 | 9.64 | 22 | 18 | 16 | 75 | | 6,055 | 7.5 |
| 8/22/2019 | 8.97 | 2,557 | 97,131 | 8.88 | 25 | 19 | 17 | 72 | 3,976 | | |
| 8/23/2019 | 7.92 | 2,164 | 85,485 | 9.02 | 19 | 16 | 15 | 73 | | 5,243 | |
| 8/24/2019 | 7.43 | | 85,485 | 9.35 | | | | | | | |
| 8/25/2019 | 7.49 | | 81,358 | 8.91 | | | | | | | |
| 8/26/2019 | 14.64 | 2,212 | 82,279 | 10.95 | 17 | 14 | 13 | 63 | | 4,311 | 7.4 |
| 8/27/2019 | 13.61 | 1,755 | 69,148 | 9.24 | 14 | 12 | 11 | 68 | 3,846 | | 7.1 |
| 8/28/2019 | 9.53 | 1,948 | 74,993 | 9.63 | 15 | 13 | 12 | 66 | | 4,602 | 7.9 |
| 8/29/2019 | 8.68 | 1,800 | 66,898 | 9.94 | 16 | 13 | 12 | 72 | 2,232 | | |
| 8/30/2019 | 7.78 | 1,885 | 68,358 | 16.85 | 15 | 13 | 13 | 70 | | 3,225 | |
| 8/31/2019 | 7.24 | | 68,358 | 18.37 | | | | | | | |
| Minimum | 6.44 | 1,755 | 66,898.02 | 8.88 | 14.25 | 12.00 | 11.25 | 49.24 | 2,232 | 3,225 | 6.9 |
| Maximum | 16.01 | 3,030 | 112,111.57 | 47.54 | 24.75 | 19.25 | 17.75 | 75.44 | 5,262 | 8,193 | 7.9 |
| Total | 270.08 | 54,489 | 2,839,802.31 | 773.86 | 431.75 | 347.75 | 325.25 | 1,420.36 | 35,424 | 65,543 | 86.8 |
| Average | 8.71 | 2,477 | 91,606.55 | 24.96 | 19.73 | 15.91 | 14.82 | 64.50 | 3,936 | 5,042 | 7.2 |

Monthly Operations Report Page 3

| | Tertiary Flow MGD | Influent BOD 5 | Primary Clarifier BOD 5 | Intermediate Clarifier CBOD 5 | Tertiary Effluent CBOD 5 | Tertiary Effluent CBOD 5 Load | BOD 5 Removal % | Ambient Air Temp Min | Ambient Air Temp Max | Influent Flow Temp |
|-----------|----------------------|----------------|-------------------------------|-------------------------------------|--------------------------------|--|--------------------|----------------------------|----------------------------|-----------------------|
| Date | MGD | mg/l | mg/l | mg/l | mg/l | lbs/day | % | Deg F | Deg F | Deg F |
| 8/1/2019 | 7.47 | 180 | 134 | 5.7 | 2.0 | 125 | 97.7 | 55 | 87 | 67.3 |
| 8/2/2019 | 7.14 | | | | | | | 58 | 88 | |
| 8/3/2019 | 6.85 | | | | | | | 59 | 94 | |
| 8/4/2019 | 7.17 | | | | | | | 71 | 93 | |
| 8/5/2019 | 7.24 | | | | | | | 66 | 93 | 67.8 |
| 8/6/2019 | 7.27 | 232 | 135 | 5.1 | 4.2 | 255 | 97.8 | 68 | 89 | 68.0 |
| 8/7/2019 | 7.16 | 192 | 127 | 2.9 | 3.0 | 179 | 97.7 | 64 | 92 | 67.8 |
| 8/8/2019 | 6.84 | 212 | 140 | 4.3 | 2.8 | 160 | 97.9 | 67 | 90 | 68.0 |
| 8/9/2019 | 6.60 | | | | | | | 57 | 87 | |
| 8/10/2019 | 6.44 | | | | | | | 62 | 92 | |
| 8/11/2019 | 7.04 | | | | | | | 66 | 81 | |
| 8/12/2019 | 7.81 | | | | | | | 69 | 85 | 68.1 |
| 8/13/2019 | 9.04 | 178 | 103 | 3.2 | 1.2 | 90 | 97.8 | 68 | 91 | 69.1 |
| 8/14/2019 | 8.07 | 158 | 112 | 2.5 | 0.8 | 54 | 98.0 | 65 | 87 | 68.4 |
| 8/15/2019 | 7.23 | 180 | 123 | 2.2 | 0.6 | 36 | 98.8 | 62 | 85 | 68.7 |
| 8/16/2019 | 7.01 | | | | | | | 61 | 88 | |
| 8/17/2019 | 8.49 | | | | | | | 67 | 79 | |
| 8/18/2019 | 16.01 | 105 | | | 2.7 | 361 | 95.2 | 63 | 97 | |
| 8/19/2019 | 13.55 | | | | | | | 67 | 92 | 68.4 |
| 8/20/2019 | 12.00 | 104 | 58 | 2.3 | 1.4 | 140 | 98.1 | 66 | 79 | 69.1 |
| 8/21/2019 | 10.36 | 104 | 65 | 1.3 | 1.3 | | | 63 | 86 | 69.3 |
| 8/22/2019 | 8.97 | 122 | 72 | 1.7 | 1.5 | | | 64 | 83 | 69.1 |
| 8/23/2019 | 7.92 | | | | | | | 56 | 78 | |
| 8/24/2019 | 7.43 | | | | | | | 56 | 78 | |
| 8/25/2019 | 7.49 | | | | | | | 58 | 82 | |
| 8/26/2019 | 14.64 | | | | | | | 66 | 79 | 69.1 |
| 8/27/2019 | 13.61 | 133 | 58 | 1.6 | 1.4 | | | 65 | 82 | 69.3 |
| 8/28/2019 | 9.53 | 317 | 60 | 1.5 | 1.0 | | | 59 | 78 | 68.6 |
| 8/29/2019 | 8.68 | 250 | 84 | 1.2 | 0.9 | | | 56 | 86 | 68.5 |
| 8/30/2019 | 7.78 | | | | | | | 57 | 79 | 0.0 |
| 8/31/2019 | 7.24 | | | | | | | 56 | 81 | |
| Minimum | 6.44 | 104 | 58 | 1.2 | 0.60 | 36 | 95.2 | 55 | 78 | 0.0 |
| Maximum | 16.01 | 317 | 140 | 5.7 | 4.20 | 361 | 98.8 | 71 | 97 | 69.3 |
| Total | 270.08 | 2,467 | 1,271 | 35.5 | 24.80 | 1,399 | 879.0 | 1,935 | 2,659 | 1,164.6 |
| Average | 8.71 | 176 | 98 | 2.7 | 1.77 | 156 | 97.7 | 62 | 86 | 64.7 |

Monthly Operations Report Page 4

| | 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 |
| 8/1/2019 | 7.47 | 188 | 111 | 9.1 | 1.0 | 62 | 99.5 | 7.5 | 7.2 | 6.9 | 7.2 |
| 8/2/2019 | 7.14 | 396 | | | 1.3 | 77 | 99.7 | 7.5 | 7.1 | 7.0 | 7.2 |
| 8/3/2019 | 6.85 | 148 | | | 1.4 | 80 | 99.1 | | | | |
| 8/4/2019 | 7.17 | | | | 0.8 | 48 | | | | | |
| 8/5/2019 | 7.24 | 225 | 118 | 8.8 | 1.0 | 60 | 99.6 | 7.4 | 7.0 | 7.2 | 6.8 |
| 8/6/2019 | 7.27 | 236 | 116 | 7.7 | 1.2 | 73 | 99.5 | 7.4 | 7.1 | 7.1 | 7.1 |
| 8/7/2019 | 7.16 | 208 | 94 | 6.4 | 1.6 | 95 | 99.2 | 7.4 | 7.1 | 7.1 | 7.0 |
| 8/8/2019 | 6.84 | 192 | 108 | 10.0 | 1.8 | 103 | 99.1 | 7.4 | 7.1 | 7.1 | 7.1 |
| 8/9/2019 | 6.60 | 196 | | | 1.7 | 94 | 99.1 | 7.4 | 7.0 | 7.2 | 7.2 |
| 8/10/2019 | 6.44 | 168 | | | 1.8 | 97 | 98.9 | | | | |
| 8/11/2019 | 7.04 | 172 | | | 1.6 | 94 | 99.1 | | | | |
| 8/12/2019 | 7.81 | 224 | 144 | 7.5 | 1.7 | 111 | 99.2 | 7.4 | 7.0 | 7.0 | 6.7 |
| 8/13/2019 | 9.04 | 196 | 80 | 9.0 | 2.1 | 158 | 98.9 | 7.4 | 7.3 | 7.0 | 7.2 |
| 8/14/2019 | 8.07 | 176 | 78 | 7.7 | 1.8 | 121 | 99.0 | 7.4 | 7.2 | 7.0 | 7.2 |
| 8/15/2019 | 7.23 | 192 | 152 | 7.0 | 1.3 | 78 | 99.3 | 7.4 | 7.2 | 7.0 | 7.2 |
| 8/16/2019 | 7.01 | 188 | | | 1.1 | 64 | 99.4 | 7.4 | 7.0 | 6.9 | 7.2 |
| 8/17/2019 | 8.49 | 208 | | | 1.4 | 99 | 99.3 | | | | |
| 8/18/2019 | 16.01 | 124 | | | 2.1 | 280 | 98.3 | | | | |
| 8/19/2019 | 13.55 | 96 | 55 | 7.0 | 1.6 | 181 | 98.3 | 7.6 | 7.3 | 7.2 | 6.9 |
| 8/20/2019 | 12.00 | 128 | 50 | 3.9 | 0.9 | 90 | 99.3 | 7.5 | 7.4 | 7.1 | 7.2 |
| 8/21/2019 | 10.36 | 108 | 45 | 3.6 | 0.7 | 60 | 99.4 | 7.5 | 7.4 | 7.1 | 7.2 |
| 8/22/2019 | 8.97 | 140 | 44 | 3.9 | 0.8 | 60 | 99.4 | 7.4 | 7.4 | 7.2 | 7.4 |
| 8/23/2019 | 7.92 | 172 | | | 0.6 | 40 | 99.7 | 7.4 | 7.4 | 7.1 | 7.2 |
| 8/24/2019 | 7.43 | 152 | | | 0.4 | 25 | 99.7 | | | | |
| 8/25/2019 | 7.49 | 220 | | | 0.6 | 37 | 99.7 | | | | |
| 8/26/2019 | 14.64 | 202 | 72 | 7.7 | 0.8 | | | 7.5 | 7.1 | 7.1 | 6.9 |
| 8/27/2019 | 13.61 | 110 | 44 | 3.0 | 0.8 | | | 7.6 | 7.4 | 7.1 | 7.3 |
| 8/28/2019 | 9.53 | 406 | 35 | 2.6 | 0.6 | | | 7.6 | 7.3 | 7.2 | 7.4 |
| 8/29/2019 | 8.68 | 220 | 49 | 2.4 | 0.5 | | | 7.6 | 7.3 | 7.2 | 7.2 |
| 8/30/2019 | 7.78 | 132 | | | 0.5 | 32 | 99.6 | | | | |
| 8/31/2019 | 7.24 | 124 | | | 0.7 | 42 | 99.4 | | | | |
| Minimum | 6.44 | 96 | 35 | 2.4 | 0.4 | 25 | 98.3 | 7.4 | 7.0 | 6.9 | 6.7 |
| Maximum | 16.01 | 406 | 152 | 10.0 | 2.1 | 280 | 99.7 | 7.6 | 7.4 | 7.2 | 7.4 |
| Total | 270.08 | 5,647 | 1,395 | 107.3 | 36.2 | 2,363 | 2,580.8 | 156.7 | 151.3 | 148.8 | 149.8 |
| Average | 8.71 | 188 | 82 | 6.3 | 1.2 | 87 | 99.3 | 7.5 | 7.2 | 7.1 | 7.1 |

MONTHLY OPERATIONS REPORT PAGE 5

| Date | Tertiary Flow MGD | Influent Ammonia-N mg/l | Tertiary Ammonia-N mg/l | Tertiary Effluent Ammonia-N Load lbs/day | Chlorine Residual mg/l | Fecal Coliform col/100ml |
|-----------|-------------------|-------------------------|-------------------------|--|------------------------|--------------------------|
| 8/1/2019 | 7.47 | 24.54 | 0.10 | 6.2 | 0.04 | |
| 8/2/2019 | 7.14 | | | | 0.02 | |
| 8/3/2019 | 6.85 | | | | | |
| 8/4/2019 | 7.17 | | 0.11 | 6.6 | | |
| 8/5/2019 | 7.24 | 28.76 | 0.09 | 5.4 | 0.02 | |
| 8/6/2019 | 7.27 | 26.72 | 0.09 | 5.5 | 0.03 | 32 |
| 8/7/2019 | 7.16 | 24.72 | 0.09 | 5.4 | 0.02 | 20 |
| 8/8/2019 | 6.84 | 22.52 | 0.10 | 5.7 | 0.01 | |
| 8/9/2019 | 6.60 | | | | 0.03 | |
| 8/10/2019 | 6.44 | | | | | |
| 8/11/2019 | 7.04 | 20.88 | 0.10 | 5.9 | | |
| 8/12/2019 | 7.81 | 27.80 | 0.10 | 6.5 | 0.02 | 5 |
| 8/13/2019 | 9.04 | 19.04 | 0.13 | 9.8 | 0.03 | 5 |
| 8/14/2019 | 8.07 | 26.56 | 0.10 | 6.7 | 0.02 | |
| 8/15/2019 | 7.23 | 28.88 | 0.08 | 4.8 | 0.03 | |
| 8/16/2019 | 7.01 | | | | 0.03 | |
| 8/17/2019 | 8.49 | | | | | |
| 8/18/2019 | 16.01 | 10.00 | 0.20 | 26.7 | | |
| 8/19/2019 | 13.55 | 14.04 | 0.05 | 5.7 | 0.03 | |
| 8/20/2019 | 12.00 | 15.46 | 0.06 | 6.0 | 0.03 | 2 |
| 8/21/2019 | 10.36 | 13.90 | 0.05 | 4.3 | 0.04 | 4 |
| 8/22/2019 | 8.97 | 20.74 | 0.05 | 3.7 | 0.02 | |
| 8/23/2019 | 7.92 | | | | 0.01 | |
| 8/24/2019 | 7.43 | | | | | |
| 8/25/2019 | 7.49 | 17.20 | 0.06 | 3.7 | | |
| 8/26/2019 | 14.64 | 14.28 | 0.53 | 64.7 | 0.02 | |
| 8/27/2019 | 13.61 | 12.20 | 0.58 | | 0.04 | 0 |
| 8/28/2019 | 9.53 | 12.32 | 0.04 | | 0.02 | 4 |
| 8/29/2019 | 8.68 | 21.44 | 0.04 | | 0.04 | |
| 8/30/2019 | 7.78 | | | | 0.03 | |
| 8/31/2019 | 7.24 | | | | | |
| Minimum | 6.44 | 10.00 | 0.04 | 3.7 | 0.01 | 0.0 |
| Maximum | 16.01 | 28.88 | 0.58 | 64.7 | 0.04 | 32.0 |
| Total | 270.08 | 402.00 | 2.75 | 183.4 | 0.58 | 72.0 |
| Average | 8.71 | 20.10 | 0.13 | 10.2 | 0.03 | 6.5 |

SLUDGE DATA

| | | | |
|--|----|--------|-------------------|
| Primary Sludge | TS | 3.05 % | 1,137,604 Gallons |
| WAS to Digesters | TS | 2.63 % | 682,600 Gallons |
| Hauled Grease to Digs | TS | 8.87 % | 265,564 Gallons |
| <u>Anaerobically Digested Sludge Pumping</u> | | | |
| Drying Beds | TS | 3.03 % | 432,204 Gallons |
| BFP | TS | 1.88 % | 747,109 Gallons |
| Lagoons | TS | % | Gallons |
| Total | | | 1,179,313 Gallons |
| VS Destruction | | | 60.5 % |

Biosolids Disposal

| | | |
|-------------------------------------|-----|---------------|
| Pick-Up Station | Aug | 15 Cu. Yds |
| Delivered | Aug | 375 Cu. Yds |
| Contractor Pickup and District Use | Aug | 17 Cu. Yds |
| Total | Aug | 407 Cu. Yds |
| Pick-Up Station | YTD | 139 Cu. Yds |
| Delivered | YTD | 1,251 Cu. Yds |
| Contractor Pick-Up and District Use | YTD | 95 Cu. Yds |
| Total | YTD | 1,485 Cu. Yds |

ENERGY DATA

| | |
|-------------------------------------|----------------|
| Total Digester Gas Production | 5,582,288 SCF |
| Gas Volume per Volatile Solids Load | 9.4 Cu.Ft./Lb. |

Digester Gas Utilization

| | |
|----------------------------|---------------|
| Heat Exchangers | 24,310 SCF |
| Dehumidification | 644,781 SCF |
| CHP | 3,921,184 SCF |
| Total | 4,590,276 SCF |
| <u>Digester Gas Flared</u> | 992,012 SCF |

Natural Gas Consumed

| | |
|------------------------------|-------------|
| WWTC | 3,433 SCF |
| MSB | 2,167 SCF |
| Chemical Feed | 0 SCF |
| 5006 Walnut | SCF |
| Kilowatt-hours Generated CHP | 278,838 KWH |
| Net energy from Comed | 77,801 KWH |
| Monthly net energy | 80 MWH |

MISCELLANEOUS

| | | |
|------------------------|-----|------------------|
| Grit Removal | Aug | 400 Cu. Yds |
| Grit Removal | YTD | 580 Cu. Yds |
| Anaerobic Supernate | | 618,245 Gallons |
| Waste Activated Sludge | | 122,200 Gals/Day |
| City Water Consumed | | 23,412 Gallons |

Monthly Operations Report Page 6

| | Tertiary Flow MGD | Influent Phosphorus | Tertiary Effluent Phosphorus | Influent Phosphorus Load | Tertiary Effluent Phosphorus Load | Phosphorus Removal % | Influent Nitrogen | Tertiary Effluent Nitrogen | Influent Nitrogen Load | Tertiary Effluent Nitrogen Load | Nitrogen Removal % | Tertiary Effluent Nitrate Grab |
|-----------|----------------------|------------------------|------------------------------------|--------------------------------|--|-------------------------|----------------------|----------------------------------|------------------------------|--|-----------------------|---|
| Date | MGD | mg/l | mg/l | lbs/day | lbs/day | % | mg/l | mg/l | lbs/day | lbs/day | % | mg/l |
| 8/1/2019 | 7.47 | 6.38 | 4.64 | 379.2 | 289.2 | 27.3 | | | | | | |
| 8/2/2019 | 7.14 | | | | | | | | | | | |
| 8/3/2019 | 6.85 | | | | | | | | | | | |
| 8/4/2019 | 7.17 | | | | | | | | | | | |
| 8/5/2019 | 7.24 | | | | | | | | | | | |
| 8/6/2019 | 7.27 | | | | | | | | | | | |
| 8/7/2019 | 7.16 | | | | | | | | | | | |
| 8/8/2019 | 6.84 | 5.93 | 5.08 | 320.6 | 289.8 | 14.3 | | | | | | 20.60 |
| 8/9/2019 | 6.60 | | | | | | | | | | | |
| 8/10/2019 | 6.44 | | | | | | | | | | | |
| 8/11/2019 | 7.04 | | | | | | | | | | | |
| 8/12/2019 | 7.81 | 6.49 | 5.08 | 397.1 | 330.9 | 21.7 | | | | | | |
| 8/13/2019 | 9.04 | | | | | | 40.4 | 19.7 | | | | 22.68 |
| 8/14/2019 | 8.07 | | | | | | | | | | | |
| 8/15/2019 | 7.23 | | | | | | | | | | | |
| 8/16/2019 | 7.01 | | | | | | | | | | | |
| 8/17/2019 | 8.49 | | | | | | | | | | | |
| 8/18/2019 | 16.01 | | | | | | | | | | | |
| 8/19/2019 | 13.55 | 3.22 | 1.67 | 351.6 | 188.8 | 48.1 | | | | | | |
| 8/20/2019 | 12.00 | | | | | | | | | | | |
| 8/21/2019 | 10.36 | | | | | | | | | | | |
| 8/22/2019 | 8.97 | | | | | | | | | | | 14.00 |
| 8/23/2019 | 7.92 | | | | | | | | | | | |
| 8/24/2019 | 7.43 | | | | | | | | | | | |
| 8/25/2019 | 7.49 | | | | | | | | | | | |
| 8/26/2019 | 14.64 | 3.66 | 3.22 | 440.2 | 393.3 | 12.0 | | | | | | |
| 8/27/2019 | 13.61 | | | | | | | | | | | |
| 8/28/2019 | 9.53 | | | | | | | | | | | |
| 8/29/2019 | 8.68 | | | | | | | | | | | 17.59 |
| 8/30/2019 | 7.78 | | | | | | | | | | | |
| 8/31/2019 | 7.24 | | | | | | | | | | | |
| Minimum | 6.44 | 3.22 | 1.67 | 320.6 | 188.8 | 12.0 | 40.4 | 19.7 | | | | 14.00 |
| Maximum | 16.01 | 6.49 | 5.08 | 440.2 | 393.3 | 48.1 | 40.4 | 19.7 | | | | 22.68 |
| Total | 270.08 | 25.68 | 19.69 | 1,888.8 | 1,492.0 | 123.5 | 40.4 | 19.7 | | | | 74.87 |
| Average | 8.71 | 5.14 | 3.94 | 377.7 | 298.4 | 24.7 | 40.4 | 19.7 | | | | 18.72 |

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permitted Feature:001
External Outfall

Permittee:DOWNERS GROVE SANITARY DISTRICT

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

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

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

Facility Location:5003 WALNUT AVENUE
DOWNERS GROVE, IL 60515

Report Dates & Status

Monitoring Period:From 08/01/19 to 08/31/19

DMR Due Date:09/25/19

Status:NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:Nicholas

Last Name:Menninga

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

| Parameter | | Monitoring Location | Season # | Param. NODI | | Quantity or Loading | | | | | Quality or Concentration | | | | | | | # of Ex. | Frequency of Analysis | Sample Type |
|-----------|--------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|------------------|--------------|--------------------------|------------------|-------------|------------------|-------------|------------------|--------------|----------|--------------------------------|-------------|
| Code | Name | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units | | | |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 7.1 | | 7 | = | 6.1 | 19 - mg/L | 0 | 03/DS - Three Per Discharge | GR - GRAB |
| | | | | | Permit Req. | | | | | | | Req Mon MO AV MN | | Req Mon MN WK AV | | Req Mon DAILY MN | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 3.7 | = | 6.9 | 19 - mg/L | 0 | 03/DW - 3 Days Every Week | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | <= | 30 MO AVG | <= | 45 WKLY AVG | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 6.9 | | | = | 7.2 | 12 - SU | 0 | 05/DW - 5 Days Every Week | GR - GRAB |
| | | | | | Permit Req. | | | | | | >= | 6 MINIMUM | | | <= | 9 MAXIMUM | 12 - SU | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 1.3 | = | 1.6 | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | <= | 30 MO AVG | <= | 45 WKLY AVG | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 0.18 | = | 1.14 | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | | Req Mon MO AVG | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 5.08 | 19 - mg/L | 0 | 06/30 - Six Per Month | CP - COMPOS |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 0.03 | | | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | <= | .75 MO AVG | | | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 32 | 13 - #/100mL | 0 | 09/30 - Nine Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | <= | 400 DAILY MX | 13 - #/100mL | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | = | | 269.86 | 80 - Mgal/mo | | | | | | | | 0 | 99/99 - Continuous | |
| | | | | | Permit Req. | | | | Req Mon MO TOTAL | 80 - Mgal/mo | | | | | | | | | 99/99 - Continuous | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note

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

Edit Check Errors

No errors.

Comments

31 days of discharge, including 1 day combined discharge with A01 and zero days with C01.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2019-09-11 14:40 (Time Zone: -05:00)

Report Last Signed By



DMR Copy of Record

Permit

Permit #:
Major:

IL0028380
Yes

Permittee:
Permittee Address:

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

Facility:
Facility Location:

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

Permitted Feature:

002
External Outfall

Discharge:

002-0
MIXING CHMBR OVERFLOW TO ST. JOSEPH CRK

Report Dates & Status

Monitoring Period:
From 08/01/19 to 08/31/19

DMR Due Date:

09/25/19

Status:

NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:
Last Name:

Nicholas
Menninga

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:
--

| Parameter | | Monitoring Location | Season # | Param. NODI | | Quantity or Loading | | | | | Quality or Concentration | | | | | | | # of Ex. | Frequency of Analysis | Sample Type |
|-----------|--------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|------------------|--------------|--------------------------|-----------|-------------|------------|-------------|------------------|--------------|----------|--------------------------------|-------------|
| Code | Name | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units | | | |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 6.1 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MN | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 11.8 | = | 11.8 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | <= | 30 MO AVG | <= | 45 WKLY AVG | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 7.1 | | | = | 7.1 | 12 - SU | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | >= | 6 MINIMUM | | | <= | 9 MAXIMUM | 12 - SU | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 5.9 | = | 5.9 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | <= | 30 MO AVG | <= | 45 WKLY AVG | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 1.14 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 3.04 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 0.17 | | | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | <= | .75 MO AVG | | | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 8 | 13 - #/100mL | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | <= | 400 DAILY MX | 13 - #/100mL | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | = | 2.4 | | 80 - Mgal/mo | | | | | | | | 0 | DL/DS - Daily When Discharging | |
| | | | | | Permit Req. | | | | Req Mon MO TOTAL | 80 - Mgal/mo | | | | | | | | | DL/DS - Daily When Discharging | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note

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

Edit Check Errors

No errors.

Comments

1 day of discharge.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2019-09-11 14:42 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2019-09-11 14:51 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permitted Feature:003
External Outfall

Permittee:DOWNERS GROVE SANITARY DISTRICT

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

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

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

Facility Location:5003 WALNUT AVENUE
DOWNERS GROVE, IL 60515

Report Dates & Status

Monitoring Period:From 08/01/19 to 08/31/19

DMR Due Date:09/25/19

Status:NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:Nicholas

Last Name:Menninga

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

| Parameter | | Monitoring Location | Season # | Param. NODI | | Quantity or Loading | | | | Quality or Concentration | | | | | | | # of Ex. | Frequency of Analysis | Sample Type |
|-----------|--------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|------------------|--------------------------|-------------|------------------|-------------|------------------|-------------|------------------|--------------|--------------------------------|-------------|
| Code | Name | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units | | |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MN | 19 - mg/L | | |
| | | | | | Value NODI | | | | | | | | | | | C - No Discharge | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | <= | 30 MO AVG | <= | 45 WKLY AVG | 19 - mg/L | | |
| | | | | | Value NODI | | | | | | | | | C - No Discharge | | C - No Discharge | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | >= | 6 MINIMUM | | | <= | 9 MAXIMUM | 12 - SU | | |
| | | | | | Value NODI | | | | | | | C - No Discharge | | | | C - No Discharge | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | <= | 30 MO AVG | <= | 45 WKLY AVG | 19 - mg/L | | |
| | | | | | Value NODI | | | | | | | | | C - No Discharge | | C - No Discharge | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | |
| | | | | | Value NODI | | | | | | | | | | | C - No Discharge | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | |
| | | | | | Value NODI | | | | | | | | | | | C - No Discharge | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | <= | .75 MO AVG | | | 19 - mg/L | | |
| | | | | | Value NODI | | | | | | | | | C - No Discharge | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | <= | 400 DAILY MX | 13 - #/100mL | | |
| | | | | | Value NODI | | | | | | | | | | | C - No Discharge | | | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | DL/DS - Daily When Discharging | |
| | | | | | Permit Req. | | | | Req Mon MO TOTAL | 80 - Mgal/mo | | | | | | | | | |
| | | | | | Value NODI | | | | C - No Discharge | | | | | | | | | | |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2019-09-11 14:42 (Time Zone: -05:00)

Report Last Signed By



DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permitted Feature:A01
External Outfall

Permittee:DOWNERS GROVE SANITARY DISTRICT

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

Discharge:A01-0
EXCESS FLOW FROM EXCESS FLOW CLARIFIERS

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

Facility Location:5003 WALNUT AVENUE
DOWNERS GROVE, IL 60515

Report Dates & Status

Monitoring Period:From 08/01/19 to 08/31/19

DMR Due Date:09/25/19

Status:NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:Nicholas

Last Name:Menninga

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

| Parameter | | Monitoring Location | Season # | Param. NODI | | Quantity or Loading | | | | | Quality or Concentration | | | | | | | # of Ex. | Frequency of Analysis | Sample Type |
|-----------|--------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|------------------|--------------|--------------------------|---------|-------------|---------|-------------|------------------|-----------|----------|--------------------------------|-------------|
| Code | Name | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 17.4 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 12.4 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 1.87 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 2.99 | 19 - mg/L | 0 | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon DAILY MX | 19 - mg/L | | DL/DS - Daily When Discharging | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 82220 | Flow, total | 1 - Effluent Gross | 0 | -- | Sample | | | = | 2.17 | 80 - Mgal/mo | | | | | | | | 0 | DL/DS - Daily When Discharging | CN - CONTIN |
| | | | | | Permit Req. | | | | Req Mon MO TOTAL | 80 - Mgal/mo | | | | | | | | | DL/DS - Daily When Discharging | CN - CONTIN |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note

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

Edit Check Errors

No errors.

Comments

1 day of discharge. Event 1: 8/18/19, discharging for 5.6 hours. 1.94 inches of rain over 8 hours. B01 flow rate at A01 start time: 16,394 gpm.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2019-09-11 14:44 (Time Zone: -05:00)

Report Last Signed By

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2019-09-11 14:51 (Time Zone: -05:00)

DMR Copy of Record

| Permit #: IL0028380 | | Permittee: DOWNERS GROVE SANITARY DISTRICT | | Facility: DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER | | | | | | | | | | | | | | | | | |
|---|--|--|----------|---|-------------|---------------------|----------------|-------------|------------------|--------------|--------------------------|------------|-------------|--------------|-------------|---------------------------|---------------------------|---------------------------|-----------------------------|---------------------------|-----------|
| Major: Yes | | Permittee Address: 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515 | | Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515 | | | | | | | | | | | | | | | | | |
| Permitted Feature: B01 External Outfall | | Discharge: B01-0 INTERNAL MIXING CHMBR - E. BR. DUPAGE RVR | | | | | | | | | | | | | | | | | | | |
| Report Dates & Status | | | | | | | | | | | | | | | | | | | | | |
| Monitoring Period: From 08/01/19 to 08/31/19 | | DMR Due Date: 09/25/19 | | Status: NetDMR Validated | | | | | | | | | | | | | | | | | |
| Considerations for Form Completion | | | | | | | | | | | | | | | | | | | | | |
| DMF LOAD LIMITS DISPLAYED. | | | | | | | | | | | | | | | | | | | | | |
| Principal Executive Officer | | | | | | | | | | | | | | | | | | | | | |
| First Name: Nicholas | | Title: General Manager | | Telephone: 630-969-0664 | | | | | | | | | | | | | | | | | |
| Last Name: Menninga | | | | | | | | | | | | | | | | | | | | | |
| No Data Indicator (NODI) | | | | | | | | | | | | | | | | | | | | | |
| Form NODI: -- | | | | | | | | | | | | | | | | | | | | | |
| Parameter | | Monitoring Location | Season # | Param. NODI | | Quantity or Loading | | | | | Quality or Concentration | | | | | # of Ex. | Frequency of Analysis | Sample Type | | | |
| Code | Name | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units | | | | |
| 00011 | Temperature, water deg. fahrenheit | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 71.1 | 15 - deg F | 0 | 01/30 - Monthly | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 1 | -- | Sample | | | | | = | 7.2 | = | 7 | = | 6.9 | 19 - mg/L | 0 | 03/07 - Three Per Week | GR - GRAB | | |
| | | | | | Permit Req. | | | | >= | 5.5 MO AV MN | >= | 4 MN WK AV | >= | 3.5 DAILY MN | 19 - mg/L | 02/DA - 2 Days Every Week | | GR - GRAB | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 6.9 | | | = | 7.2 | 12 - SU | 0 | 05/DW - 5 Days Every Week | GR - GRAB | | |
| | | | | | Permit Req. | | | | >= | 6 MINIMUM | | | <= | 9 MAXIMUM | 12 - SU | 02/DA - 2 Days Every Week | | GR - GRAB | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00410 | Alkalinity, total [as CaCO3] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | = | 140 | 19 - mg/L | 0 | 01/30 - Monthly | CP - COMPOS | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | = | 87.5 | = | 280.4 | 26 - lb/d | | | = | 1.2 | = | 2.1 | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | <= | 2202 MO AVG | <= | 4404 DAILY MX | 26 - lb/d | | <= | 12 MO AVG | <= | 24 DAILY MX | 19 - mg/L | 02/DA - 2 Days Every Week | | CP - COMPOS | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00600 | Nitrogen, total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 19.7 | 19 - mg/L | 0 | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Permit Req. | | | | | | | | | | | | | | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 7 | -- | Sample | = | 10.19 | = | 64.73 | 26 - lb/d | | | = | 0.13 | = | 0.58 | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | <= | 275 MO AVG | <= | 550 DAILY MX | 26 - lb/d | | <= | 1.5 MO AVG | <= | 3 DAILY MX | 19 - mg/L | 02/DA - 2 Days Every Week | | CP - COMPOS | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00625 | Nitrogen, Kjeldahl, total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 1.6 | 19 - mg/L | 0 | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Permit Req. | | | | | | | | | | | | | | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00630 | Nitrite + Nitrate total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 18.1 | 19 - mg/L | 0 | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Permit Req. | | | | | | | | | | | | | | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 5.08 | 19 - mg/L | 0 | 05/30 - 5 Times Every Month | CP - COMPOS | |
| | | | | | Permit Req. | | | | | | | | | | | | | | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00666 | Phosphorus, dissolved | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 5.05 | 19 - mg/L | 0 | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Permit Req. | | | | | | | | | | | | | | 01/30 - Monthly | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 00940 | Chloride [as Cl] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 156 | 19 - mg/L | 0 | 01/30 - Monthly | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | | | | 01/30 - Monthly | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample | = | 8.71 | = | 16.01 | 03 - MGD | | | | | | | | 0 | 99/99 - Continuous | | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon DAILY MX | 03 - MGD | | | | | | | | | 99/99 - Continuous | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 0.04 | 19 - mg/L | 0 | 05/DW - 5 Days Every Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | <= | .05 DAILY MX | | 19 - mg/L | 02/DA - 2 Days Every Week | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | = | 32 | 13 - #/100mL | 0 | 02/DA - 2 Days Every Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | | | | | <= | 400 DAILY MX | | 13 - #/100mL | 02/DA - 2 Days Every Week | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |
| 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | 0 | -- | Sample | = | 155.5 | = | 360.6 | 26 - lb/d | | | = | 1.8 | = | 4.2 | 19 - mg/L | 0 | 03/DW - 3 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | <= | 1835 MO AVG | <= | 3670 DAILY MX | 26 - lb/d | | <= | 10 MO AVG | <= | 20 DAILY MX | 19 - mg/L | 02/DA - 2 Days Every Week | | CP - COMPOS | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2019-09-11 14:49 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry

Name: Dorrance Berry

E-Mail: rberry@dgsd.org

Date/Time: 2019-09-11 14:51 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:IL0028380

Major:Yes

Permitted Feature:C01
External Outfall

Permittee:DOWNERS GROVE SANITARY DISTRICT

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

Discharge:C01-0
EXCESS FLOW FROM CLARIFIER #1

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

Facility Location:5003 WALNUT AVENUE
DOWNERS GROVE, IL 60515

Report Dates & Status

Monitoring Period:From 08/01/19 to 08/31/19

DMR Due Date:09/25/19

Status:NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:Nicholas

Last Name:Menninga

Title:General Manager

Telephone:630-969-0664

No Data Indicator (NODI)

Form NODI:--

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

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2019-09-11 14:49 (Time Zone: -05:00)

Report Last Signed By

User:reeseberry

Name:Dorrance Berry

E-Mail:rberry@dgsd.org

Date/Time:2019-09-11 14:51 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:

IL0028380

Major:

Yes

Permittee:

DOWNERS GROVE SANITARY DISTRICT

Permittee Address:

2710 CURTISS STREET PO BOX 1412
DOWNERS GROVE, IL 60515

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Facility Location:

5003 WALNUT AVENUE
DOWNERS GROVE, IL 60515

Permitted Feature:

INF
Influent Structure

Discharge:

INF-L
INFLUENT MONITORING

Report Dates & Status

Monitoring Period:

From 08/01/19 to 08/31/19

DMR Due Date:

09/25/19

Status:

NetDMR Validated

Considerations for Form Completion

CS

Principal Executive Officer

First Name:

Nicholas

Last Name:

Menninga

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

--

Submission Note

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

Edit Check Errors

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Comments

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2019-09-11 14:50 (Time Zone: -05:00)

Report Last Signed By

User:

reeseberry

Name:

Dorrance Berry

E-Mail:

rberry@dgsd.org

Date/Time:

2019-09-11 14:51 (Time Zone: -05:00)

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Nicholas J. Menninga, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: September 12, 2019

SUBJECT: August 2019 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department and operations during August 2019.

Special projects in August included:

College Lift Station – Pump 1 Replacement

The existing Hydromatic brand submersible pump that has been in service at the College lift station for over 20 years had failed and was beyond economical repair. This existing pump was actually a recycled pump that was removed from the old Liberty Park lift station in the late 1990's and reused at the College lift station.

During the past 20 years, we have replaced/upgraded the other 2 Hydromatic pumps at the College lift station with a Fairbanks brand submersible pump and have been very satisfied with their performance. In FY18-19 we budgeted for and purchased a new Fairbanks pump, from Drydon Equipment, at a total cost of \$32,520 to replace this last Hydromatic pump that was at the end of its usable life.

The installation of this new pump, related piping and equipment required the lift station to be off-line. District staff plugged the incoming line and redirected the flow (by gravity) to the Venard lift station. Dahme Mechanical was hired to remove the existing pump and base elbow, and install the new base elbow and the Fairbanks pump. The installation also included the replacement of the base elbow on pump 2 that was worn, and the installation of new stainless steel guide rails and support brackets on all three pumps. The labor and material costs for this three day project by Dahme Mechanical was \$9,106.90.

After the pump was installed, District staff completed all of the electrical work related to the new pump and returned the lift station into service. The new pump is operating as expected.

Micro Strainer Building – Roof Replacement

The existing urethane roof that was approximately 30 years old was significantly deteriorated and required replacement.

North Central Insulation removed and repaired numerous sections of the existing roofing material that was saturated from deterioration and new roof drain scupper boxes were installed for the downspouts. After all of the repairs were completed, the entire roof surface was ground smooth, drainage contours were formed, and a new sprayed urethane foam and silicone roofing system was applied.

This sprayed urethane foam roofing system manufactured by GE has a 10-year manufacturer's warranty. It is not uncommon for us to get 15-20 years of life out of these roofs before they require any recoats or replacement. The total cost for the roofing project was \$39,208. There was \$45,000 budgeted for this project. .

This project was completed in early August by North Central Insulation and their invoice was paid in the claim ordinance at the August board meeting.

2019 Painting Services

GP Maintenance has completed three (3) of the five (5) projects that were included in the 2019 Painting Services project.

The three (3) completed projects are; the exterior staircase at the Digester 4&5 control building, Secondary clarifier 5, and the Excess flow submersible pumps 10, 11 & 12, related piping and equipment.

The painting preparation work at all of these locations required extensive sand blasting down to bare metal, two (2) prime coats of a 2-part epoxy primer followed by a top/finish coat of a UV resistant 2-part high solids polyurethane.

Total cost for these three completed painting projects is \$61,500.

The two (2) remaining projects are the Wroble lift station floor restoration and complete interior & exterior painting, and a section of the tunnel including all piping and equipment under the Grit building for a total remaining contract amount of \$46,000.

The Wroble lift station project is about 60% complete but was temporarily stopped so that we can repair a few rust holes that were discovered in the steel entry tube after the sand blasting. Once we complete these repairs, GP Maintenance will return to complete the painting project. The tunnel painting work under the Grit building will be completed in the late fall when we have lower temperature and humidity levels. During the warmer/humid weather there is a significant amount of condensation that occurs on the piping and equipment that prohibits any of the painting work.

Wroble Lift Station Update – Site & Equipment Damage from Automobile Crash

I am pleased to report that we are finally moving forward with the site repairs at the lift station. We have received the settlement payment from State Farm Insurance to cover all of the expenses for the fence repair, gate replacement, new sign and the landscape restoration.

The fence repair and gate replacement is expected to be completed next week. The new sign has been ordered and the landscape restoration will be completed after the sign is installed and ComEd installs the new ATO switch at the lift station. I anticipate that all of the restoration work should be completed in late October depending on ComEd's schedule.

Work Order Summary

Work Order Completion Dates from 8/1/2019 to 8/30/2019

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|---|-----------------|--------------------------------|--|
| Full service and Oil change six month-JohnDeere 244K | 8/15/2019 | 2015 Wheel Loader #332 | Performed 500 hour service, replaced intake air filter assembly, replaced A/C belt, washed down unit. |
| Run And Inspect Generators With The Load Of The Plant | | Emergency Generator 1 | |
| | | Emergency Generator 2 | |
| | | Emergency Generator 3 | |
| Clean Office Roof Of All Debris | 8/22/2019 | Administration Center | |
| CHP HOT WATER LOOP GATE VALVE EXERCISE | 8/14/2019 | CHP Heat Recovery System | |
| 12 Month/10,000 Mile Synthetic Oil Change (2013 F-150) # 349 (Todd) | 8/26/2019 | 2013 FORD F-150 Reg Cab | Change oil and filter, rotate tires and check pressure. Replaced air filter. |
| Exercise Of EBARA and Excess Pumps | 8/28/2019 | Excess Flow Pump 06 | |
| | | Excess Flow Pump 07 | |
| | | Excess Flow Pump 08 | |
| | | Excess Flow Pump 09 | |
| | | Excess Flow Pump 10 | |
| | | Excess Flow Pump 11 | |
| | | Excess Flow Pump 12 | |
| Check, Remove,Clean. Grease-debris from wells | 8/14/2019 | Excess Flow Pump Station | Inspect and clean both level detectors. |
| | | Raw Sewage Pump Station | |
| 4 Month Megger Of Submersible And Dry Pit Submersible Pumps | 8/27/2019 | College Pump 1 | Check Megger readings on all pumps. |
| | | College Pump 2 | |
| | | College Pump 3 | |
| | | Earlston Pump 3 | |
| | | Venard Pump #1 | |
| | | Venard Pump #2 | |
| | | Venard Pump #3 | |
| 500 Hour Oil Change on Pearth 4 | 8/16/2019 | Digester 4 Mixing System | |
| Pump out old grease line valve vault | 8/7/2019 | Yard Piping - Liquid Treatment | |
| Cleaning of radiator fins on Unison, Nissen and Tech 3 | 8/23/2019 | CHP Engine Genset | Remove panels and clean radiator fins on Unison chiller. Also check fins on Tech 3 dump radiator and Nissen dump radiator. |
| | | CHP Engine Genset #2 | |
| | | CHP Gas Cleaning System | |
| Exercise of Excess Influent and Effluent Gates | 8/13/2019 | Excess Flow Clarifier 1 | |
| | | Excess Flow Clarifier 2 | |
| | | Excess Flow Clarifier 3 | |
| | | Excess Flow Clarifier 4 | |
| Exercise Ratio Valve #2 | | Tunnel - System 2 RAS | |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|---|-----------------|--|--|
| 3 month Greasing of 3 AUMA Actuators | | Aeration Tank 11 Digester 1 Mixing Pump | |
| 2000 Hour Grease of Plant Effluent Pumps | | Plant Effluent Water Pump #2 | |
| Semi-Annual Greasing Of Various Equipment | | Digester 1 Sludge Recirc Pump Digester 1 Sludge Trnsfr Pump Digester 2 Sludge Recirc Pump Digester 2 Sludge Trnsfr Pump Excess Flow Pump Station Operations Center Primary Sludge Pump 2 Primary Sludge Pump 3 Primary Sludge Pump 5 Raw Sewage Pump Station | |
| Replace Air Filters On Both Maintenance Building Furnaces | 8/15/2019 | Maintenance Services Building | Replace filters on both furnaces. |
| Replace Air Filters On Both Fume Hood Air Make Up Systems | | Laboratory | Replace filters as needed. |
| Replace Air Filters On Both Laboratory Furnaces | | | Replace filters in sampler room and micro lab room furnaces. |
| Monthly Underground Storage Tanks Inspection | 8/1/2019 | Emerg Gen Diesel Storage Tank | |
| 12 Month/10,000 Mile Synthetic Oil Change (2008 Ford Ranger) #328 BIO | 8/26/2019 | 2008 Ford Ranger Pick-up | Change oil and filter, rotate tires and check pressure. |
| Check All Fluids In The Equipment Listed Below | 8/7/2019 | 2009 BOB CAT S 300 #333 2009 Sterling LT 7500 2013 Wheel Loader #334 2014 Freightliner M2106 6 yd d 2015 Wheel Loader #332 2017 Deere 544K Wheel Loader 4 inch Jaeger Pump 6 in CH&E DSL TRSH PMP PERKIN 6 in CHE Diesel Trash Pump C/P 6 in JAEGER PUMP (FORD) Portable Generator 150 Portable Generator 200 Portable Generator 350 WWTC ODS Pump Air Compressor | |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|--|-----------------|---|--|
| Check STR 700, 721, 741, clean as needed. | 8/13/2019 | CHP Gas Cleaning System | |
| Order additional engine oil. | 8/1/2019 | CHP Engine Genset CHP Engine Genset #2 | Ordered 4 barrels of engine oil. |
| 6,194 / 15,830 Order additional maintenance parts for stock. | | | Ordered replacement parts for stock. |
| Replace the UPS in the Digester 4&5 PLC cabinet that has been failing. | 8/2/2019 | SCADA | Purchase a new UPS and a couple of spares for stock from Micro Center. Install the new UPS on 08/02. |
| Honda Pressure Washer Repair. | | Maintenance Services Building | Kipp's Lawn mower service replaced the ignition coil assembly, cleaned fuel system, changed oil & spark plug, run and test operation. |
| Overhaul and replace leaking seal. | 8/6/2019 | Digester 4 - 5 SI Recrc Pmp 6 | Remove pump form service, disassemble, clean a& inspect. Complete overhaul was performed including new bearings, grease seals, o-rings, shaft, shaft sleeve and mechanical seal. Re-assemble and install Also re-order parts for stock. Note: This pump was fr |
| Repair engine oil leak at 332 engine oil filter base | 8/2/2019 | 2015 Wheel Loader #332 | |
| 3 Months Inspection on Electric Carts and Front End Loader | 8/26/2019 | 2013 Club Car Carryall #3 2014 Club Car Carry-all #2 2016 Club Car Carryall 300 | |
| By-Weekly Fluid and Misc. Check of Generators | 8/16/2019 | Emergency Generator 1 Emergency Generator 2 Emergency Generator 3 | |
| 12 Month/10,000 Mile Synthetic Oil Change (2011 Ford Ranger) #322 OPS | 8/26/2019 | 2011 Ford Ranger | Change oil and filter, rotate tires and check pressure. |
| Run And Inspect Generators With The Load Of The Plant | 8/28/2019 | Emergency Generator 1 Emergency Generator 2 Emergency Generator 3 | |
| Grease Pump Bearings on 1-6 RAS pumps | 8/26/2019 | RAS Pump 1 RAS Pump 2 RAS Pump 3 RAS Pump 4 RAS Pump 5 RAS Pump 6 | |
| Replace Air Filter On Operations Center Furnace | | Operations Center | Replaced air filter. |
| Greasing of Landia mixer grease fitting on actuator and threaded stem | | Digester 1 Mixing Pump | |
| Safety lane Vehicle 304- 2009 FORD Bio-Truck | | 2009 Ford F350 | |
| Test for H2S at Unison Gas skid | 8/30/2019 | CHP Gas Cleaning System | |
| Monthly Liquid Status of Under Ground Diesel Tank | 8/26/2019 | Emerg Gen Diesel Storage Tank | |
| 3 Month check and repair of Belt | | Belt Filter Press Building | 3 month check and repair of ventilation fans at belt filter |

| Work Assignment | Completion Date | Equipment | NOTATIONS |
|--|-----------------|-------------------------------|---|
| Press Ventilation Fans | | | press building. All fans were OK. |
| Replace broken Alternator belt on JD 244 K #332 | 8/27/2019 | 2015 Wheel Loader #332 | |
| Replace Wiper Grit Conveyors 1-2 | 8/20/2019 | Grit Conveyor System | |
| Power wash and clean all masonry around the building. | 8/2/2019 | Blower Building | Power wash and clean all masonry and copings around the building. Also caulk around the windows and doors, ground, wire wheeled & epoxy painted the steel lintels over the doorways and windows. |
| West Geo-Thermal unit not cooling. | 8/7/2019 | Laboratory | A-Formula found that the ECM motor not operating, control board was bad. Locate a new control board install and test operation. A/C now working with a 20 degree air temp differential. |
| Geo-Thermal unit not working. | | Raw Sewage Pump Station | A-Formula found the power head on the zone valve failed. Replace with new and test operation. |
| 64,282 miles. Check Why vehicle won't start. | 8/9/2019 | 2011 Ford F-250 | Replaced starter with new |
| Prepare vehicle for transfer. | | 2014 Honda Civic CNG | Cleaned car inside and out. Replaced wiper blades and floor mats. |
| Replace the head shaft gears that are worn out. | | Primary Clarifier 8 | Remove the old head shaft gears for the long collector and install new. |
| Repair or replace block heater. | 8/20/2019 | Emergency Generator 1 | Replace block heater with a new unit from Altorfer Cat. |
| Install solar screens to shade sunlight from west facing windows. | 8/27/2019 | Laboratory | Replaced window screens with solar blocking screens. |
| Install the new 75 HP Fairbanks pump. | 8/8/2019 | College Pump 1 | Drain and wash down wet well, removed pumps 1 & 2 from the wet well, Dahme Mechanical install a new base elbow on pump 2, install new base elbow & piping on pump 1, replace guide rails and rail brackets on all three pumps, install new pump 1 & pump 2, put |
| 2019 Painting services. | 8/12/2019 | Digester 4 - 5 Control Buildg | GP Maintenance sand blasted the exterior staircase frame & support surfaces to bare metal, applied 2 coats of 2-part epoxy primer on all surfaces followed by a 2-part high solids polyurethane finish coat. |
| | | Secondary Clarifier 5 | GP Maintenance sand blasted the entire catwalk & all other above grade surfaces to bare metal, applied 2 coats of 2-part epoxy primer on all surfaces followed by a 2-part high solids polyurethane finish coat. All submerged surfaces were brush blasted and |
| Repair automated front gate. | 8/19/2019 | WWTC Main Gate | Replaced Photo Eye, motor drive belt, brush kit and proximity sensor with new. |
| Troubleshoot communication failure at the Admin Center remote I/O panel. | 8/21/2019 | SCADA | Found the remote scanner module had failed. Most likely from overnight thunder storm/possible lightning strike in the area. Also contact Jim from Concentric to see if there is a surge suppressor that could be installed to protect the scanner cards. |
| Replace check balls and seats where required. | 8/30/2019 | Primary ODS Sludge Pump 4 | Replaced check balls and seats with new. |
| Remove the aluminum railings, gratings & steps for sand blasting & paint | 8/16/2019 | Digester 4 - 5 Control Buildg | Remove the aluminum railings, grating & steps. Clean all items in the shop with aluminum cleaner. Reinstall after sand blasting & painting project was completed. |
| 2019 Painting services. | 8/12/2019 | Excess Flow Pump 10 | GP Maintenance sand blasted the submersible pumps & all related piping surfaces to bare metal, applied 2 coats of 2-part epoxy primer on all surfaces followed by a 2-part high solids polyurethane finish coat. All conduits, junction boxes and supports were |
| | | Excess Flow Pump 11 | |
| | | Excess Flow Pump 12 | |

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: September 4, 2019

TO: Nicholas J. Menninga
General Manager

FROM: Robert Swirsky
Sewer System Maintenance Supervisor

RE: Monthly Report – August, 2019

| | | | |
|----|--|----------|--------------|
| 1. | JULIE Line Markings: | Current | Year to Date |
| | Received | 1470 | 10,171 |
| | In District | 1420 | 9743 |
| | Marked | 357 | 2235 |
| | Man Hours | 119 | 775 |
| 2. | Building Service: | Current | Year to Date |
| a. | BSSRAP TV Inspections | 11 | 104 |
| b. | Emergency BSSRAP Repairs | 07 | 65 |
| c. | Total BSSRAP Repairs | 11 | 96 |
| d. | I&I inspections | 00 | 00 |
| e. | I&I C.O. installation | 01 | 02 |
| f. | Replace broken cleanout caps | 01 | 01 |
| g. | OHSP TV Inspections | 00 | 01 |
| h. | Post Rodding TV | 02 | 23 |
| 3. | Sewer backups: | Current | Year to Date |
| a. | Public sewer | 0 | 1 |
| b. | Private sewer | 13 | 143 |
| c. | Surcharged main | 0 | 3 |
| d. | Pump station | <u>0</u> | <u>0</u> |
| | Total | 13 | 147 |
| | | Current | Year to Date |
| 4. | Sewer Cleaning (DGSD personnel): | 44,131 | 291,136 Ft. |
| | a. Sewer Cleaning (outside contractors): | 0 | 0 Ft. |
| 5. | Main Sewer Televising (DGSD personnel): | 0 | 1,062 Ft. |
| | a. Sewer Televising (outside contractors): | 3,205.5 | 3,205.5 Ft. |
| 6. | LETS TV | 0 | 11 |
| 7. | Manhole inspections | 00 | 108 |

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

L1-012 replaced the defective frame and cover, 2G-014 to 2G-013 replaced the wye, riser and service pipe in the road due to a sinkhole. 1E-052 to 1E-004-S repaired the pipe that was damaged by a HDD hit.

9. Miscellaneous: (sewer system personnel)

- a. Re-install flow-meters.
- b. Dye test sink holes.
- c. Clean brine tanks at the WWTC.

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

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: September 10, 2019

TO: Nicholas J. Menninga
General Manager

FROM: Ted Cherwak
Sewer Construction Supervisor

RE: Monthly Report: Sewer Construction \ Code Enforcement – August 2019

- | 1. | Permits issued: | Current | Year to Date |
|----|-----------------|----------|--------------|
| a. | Single family | 9 | 73 |
| b. | Multiple family | 0 | 0 |
| c. | Commercial | 1 | 9 |
| d. | Repair | 0 | 5 |
| e. | Disconnection | <u>8</u> | <u>36</u> |
| | Total | 18 | 123 |
-
- | 2. | Inspections made: | Current | Year to Date |
|----|------------------------|-----------|--------------|
| a. | Connections | 11 | 83 |
| b. | Finals | 6 | 42 |
| c. | Repairs | 2 | 3 |
| d. | Disconnects | 4 | 32 |
| e. | Groundwork | 0 | 1 |
| f. | Walk-Thru | 0 | 1 |
| g. | Pre-connections | 0 | 0 |
| h. | Overhead Sewer Program | 0 | 0 |
| i. | Code Enforcement | 6 | 20 |
| j. | Lateral testing | <u>11</u> | <u>77</u> |
| | Total | 38 | 259 |
-
3. New Sewer Extension Construction:
- a. None
-
4. New Sewer Extension Testing - air, deflection, manhole, televising and lamping:
- a. None
-
5. Code Enforcement:
- a. Overhead Sewer Program
- b. Grease Trap Inspections

6. Plan & Permit Reviews:
 - a. 4425 Washington, single family review
 - b. 4609 Downers Drive, single family review
 - c. 5735 Brookbank, single family review
 - d. 4003 Venard, single family review
 - e. 5733 Brookbank, single family review
 - f. 4508 Statton, single family review
 - g. 1128 Saylor, single family review
 - h. 5731 Nelson, single family review
 - i. 5737 Nelson, single family review
 - j. 25 Fourth Street, single family review
 - k. 62 Ogden Avenue, Starbucks, site & architectural plans (relocating within same building)
 - l. 1410 Finley, Bridge Point II warehouse, sewer extension plan
 - m. 100 W 63rd Street, LA Fitness, site & architectural plan review
 - n. 6301 Main Street, 7-Eleven/Gas Station, site & architectural plan review
7. Building Sanitary Service Access Agreements:
 - a. 25 4th Street, Downers Grove
 - b. 4425 Washington, Downers Grove
 - c. 4609 Downers Drive, Downers Grove
 - d. 6293 Woodward, Downers Grove
 - e. 1116 Saylor, Downers Grove
8. Illinois EPA Permits:
 - a. None
9. Waste Hauling Permits Issued:
 - a. None
10. Miscellaneous:
 - a. Village road work manhole adjustment inspections
 - b. Village water main projects, sanitary repair inspections
 - c. DGSD Warren Avenue sewer lining (Insituform)
 - d. Confined Space Training (Danny, Keith & Ted)

Permits Issued: AUGUST 2019

| YEAR | PERMIT # | ADDRESS | STREET | CITY | ISSUE | TYPE | TAP FEE | INSP FEE |
|--------|----------|---------|------------|------|-----------|--------|-------------|------------|
| 2019 | 110 | 1128 | SAYLOR | DG | 8/6/2019 | DISCON | | |
| 2019 | 107 | 6293 | WOODWARD | DG | 8/7/2019 | SF-SC | \$3,192.00 | \$216.00 |
| 2019 | 13 | 1116 | SAYLOR | DG | 8/8/2019 | SF | \$189.00 | \$216.00 |
| 2019 | 111 | 4609 | DOUGLAS | DG | 8/13/2019 | DISCON | | |
| 2019 | 104 | 2125 | OGDEN | DG | 8/14/2019 | COM | | \$357.00 |
| 2019 | 113 | 4508 | STATTON | DG | 8/15/2019 | DISCON | | |
| 2019 | 114 | 1300 | 35TH ST | DG | 8/15/2019 | DISCON | | |
| 2019 | 112 | 4609 | DOUGLAS | DG | 8/16/2019 | SF-RB | | \$216.00 |
| 2019 | 121 | 270 | VILLAGE | DG | 8/23/2019 | DISCON | | |
| 2019 | 106 | 4425 | WASHINGTON | DG | 8/26/2019 | SF-RB | | \$216.00 |
| 2019 | 122 | 5337 | PARK | DG | 8/27/2019 | DISCON | | |
| 2019 | 123 | 4532 | HIGHLAND | DG | 8/27/2019 | DISCON | | |
| 2019 | 124 | 4811 | PERSHING | DG | 8/27/2019 | DISCON | | |
| 2019 | 115 | 5735 | BROOKBANK | DG | 8/27/2019 | SF | \$3,192.00 | \$216.00 |
| 2019 | 5733 | 5733 | BROOKBANK | DG | 8/27/2019 | SF | \$3,192.00 | \$216.00 |
| 2019 | 117 | 5731 | NELSON | DG | 8/27/2019 | SF | \$3,192.00 | \$216.00 |
| 2019 | 118 | 5737 | NELSON | DG | 8/27/2019 | SF | \$3,192.00 | \$216.00 |
| 2019 | 128 | 25 | 4TH ST | DG | 8/30/2019 | SF-RB | | \$216.00 |
| TOTAL: | | | | | | | \$16,149.00 | \$2,301.00 |

Permit Final Inspections: AUGUST 2019

| YEAR | PERMIT # | ADDRESS | STREET | CITY | FINAL |
|------|----------|---------|-----------|------|-----------|
| 2018 | 60 | 5634 | ELINOR | DG | 8/8/2019 |
| 2019 | 7 | 5732 | CARPENTER | DG | 8/19/2019 |
| 2019 | 21 | 4541 | SHERWOOD | DG | 8/23/2019 |
| 2019 | 107 | 6293 | WOODWARD | DG | 8/26/2019 |
| 2018 | 165 | 5148 | BENTON | DG | 8/26/2019 |
| 2018 | 126 | 924 | PRAIRIE | DG | 8/28/2019 |

Progress Report

To: Nick Menninga, General Manager
From: Reese Berry, Laboratory Supervisor
Date: September 11, 2019
Re: August 2019 Laboratory Report

We had 1 excess rain sampling event August. We recorded no permit excursions during August 2019.

Surcharge:

August allowed for 2 weeks of sampling to be completed. We have completed 16 locations up to this point. After biosolids sampling in early September we'll try to squeeze in a week before open house.

Biosolids:

All sample results from the July sampling period were well below the recommended concentrations for Class A biosolids. We continue to evaluate the biosolids as we are required to under the federal regulations.

Equipment:

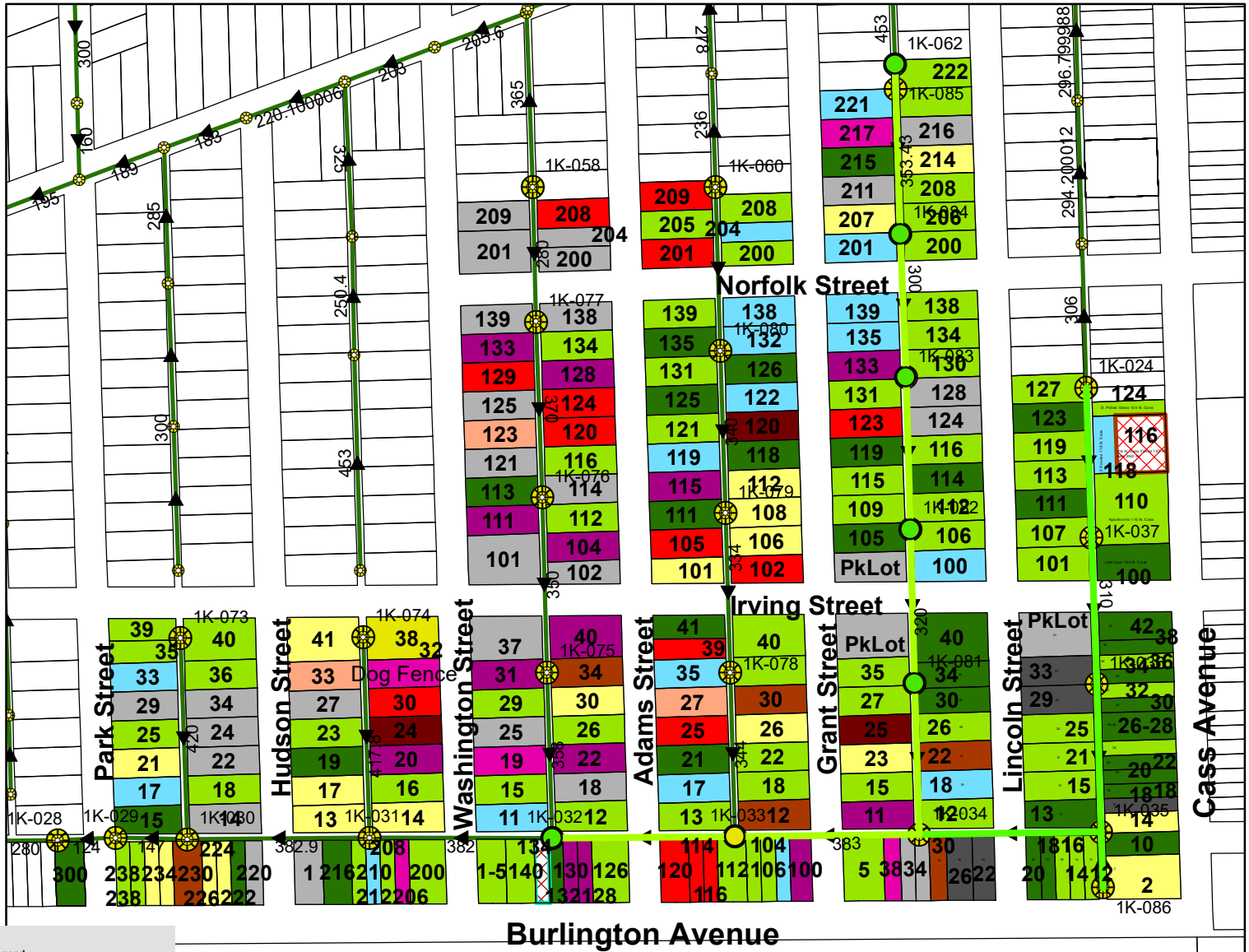
The Phosphax unit, which will provide on-line phosphorus analysis, was purchased and received. We are awaiting Hach to schedule their installation and startup dates with us. At this point, I'd say this will be after open house, since maintenance will need to mount the unit before Hach arrives.

WEFTEC:

We will be attending the WEFTEC general admission portion of the event during September. We split up the department to maintain coverage in the laboratory, along with being able to attend and see new technology for laboratory equipment, supplies, and safety equipment.

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

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



STATUS OF 1K-028 INSPECTIONS AND AGREEMENT ACQUISITIONS

| Category | Inspections Scheduled | Inspections Completed | Application Received | Agreements Signed | Cleanout Installed | Service Rehab Done | Totals | Total as Percentage |
|----------|-----------------------|-----------------------|----------------------|-------------------|--------------------|--------------------|--------|---------------------|
| 1A | Y | Y | N | Y | Y | N/A | 19 | 8% |
| 1B | Y | Y | N | N | N | N/A | 1 | 0% |
| 2A | Y | Y | Y | Y | Y | N | 70 | 31% |
| 2B | Y | Y | Y | Y | Y | N | 19 | 8% |
| 2D | Y | Y | Y | N | N | N | 3 | 1% |
| 3A | Y | Y | Y | Y | N | N | 6 | 3% |
| 4 | Y | Y | N | N | N | N | 36 | 16% |
| 4A | N | N | N | N | N/A | N | 3 | 1% |
| 5 | Y | N | N | N | N | N | 0 | 0% |
| 5A | Y | Y | N | N | N | N | 15 | 7% |
| 5AX | Y | Y | N | N | N | N | 0 | 0% |
| 5B | Y | N | N | N | N | N | 19 | 8% |
| 5BX | Y | N | N | N | N | N | 1 | 0% |
| 0 | N | N | N | N | N | N | 30 | 13% |
| X | - | - | - | - | - | - | 5 | 2% |
| 5X | - | - | - | - | - | - | 1 | 0% |

Category Description:

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

228 100%

11% Complete

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

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

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE 08/31/2019

CASH BALANCES

| ACCOUNT NAME | ACCOUNT NUMBER | BALANCE PER BANK STATEMENT | PREVIOUS MONTH | | |
|-----------------------------|----------------|-------------------------------|---|----------------------------|-------------------------------|
| | | | TOTAL BALANCE PER BANK STATEMENTS | MONTHLY EARNINGS CREDIT | EARNINGS CREDIT PERCENTAGE |
| DEPOSIT | XXXXXXXXX1116 | \$1,439,879.73 | | | |
| DISBURSEMENT | XXXXXXXXX1111 | 247,521.67 | | | |
| FLEXIBLE BENEFITS | XXXXXXXXX6025 | 13,240.17 | | | |
| PAYROLL | XXXXXXXXX1117 | 153,701.31 | | | |
| PETTY CASH | XXXXXXXXX1112 | 3,299.68 | | | |
| USER REFUNDS | XXXXXXXXX1114 | 5,519.49 | | | |
| TOTAL - CASH AT BANK | | \$1,863,162.05 | \$1,719,226.87 | \$1,083.69 | 0.0630% |

INVESTMENTS

| TYPE | FINANCIAL INSTITUTION | TERM | MATURITY | AMOUNT | ANNUAL INT. RATE | GENERAL CORPORATE FUND (01) | IMPROVEMENT FUND (02) | CONSTRUCTION FUND (03) | PUBLIC BENEFIT FUND (05) | SEWER EXTENSION FUND (71) | INTEREST EARNED AT MATURITY |
|-----------|-----------------------|--------|-----------|----------------|---------------------|-----------------------------------|--------------------------|---------------------------|--------------------------------|---------------------------------|-----------------------------------|
| CD | CIT BANK | 12 MOS | 11/9/2019 | \$245,000.00 | 2.150% | \$245,000.00 | | | | | \$5,267.50 |
| CD | TRISTATE CAPITAL | 12 MOS | 11/9/2019 | \$249,990.00 | 2.850% | | \$249,990.00 | | | | \$7,124.72 |
| CD | FIRST MIDWEST BANK | 13 MOS | 2/15/2020 | \$250,000.00 | 2.570% | \$100,000.00 | \$107,719.45 | | \$35,260.73 | \$7,019.82 | \$6,960.42 |
| CD | FIRST INTERNET BANK | 12 MOS | 5/13/2020 | \$250,000.00 | 2.750% | | \$250,000.00 | | | | \$6,875.00 |
| CD | BMO HARRIS BANK | 11 MOS | 5/17/2020 | \$250,000.00 | 2.469% | \$250,000.00 | | | | | \$5,658.13 |
| CD | TAB BANK | 12 MOS | 5/23/2020 | \$250,000.00 | 2.470% | \$100,000.00 | \$150,000.00 | | | | \$6,175.00 |
| TOTAL CDs | | | | \$1,494,990.00 | 2.546% | \$695,000.00 | \$757,709.45 | \$0.00 | \$35,260.73 | \$7,019.82 | \$38,060.76 |

| TYPE | FINANCIAL INSTITUTION | TERM | LAST ACTION DATE | AMOUNT | CURRENT RATE OF RETURN | | | | | | ESTIMATED ANNUAL RETURN |
|--------------------------------|---------------------------------|----------|------------------|-----------------------|------------------------------|-----------------------|-----------------------|---------------------|--------------------|-------------------|-------------------------------|
| MM | AXOS BANK fka Nationwide Bank | ONGOING* | 2/15/2019 | \$1,179.06 | 0.300% | \$1,179.06 | | | | | \$3.54 |
| MM | BANKFINANCIAL | ONGOING* | 3/13/2013 | \$15,460.55 | 1.000% | \$15,460.55 | | | | | \$154.61 |
| MM | CIT BANK | ONGOING | 11/9/2016 | \$5,000.00 | 0.450% | \$5,000.00 | | | | | \$22.50 |
| MM | LIMESTONE BANK fka PBI Bank | ONGOING* | 9/9/2013 | \$1,076.73 | 0.120% | \$1,076.73 | | | | | \$1.29 |
| MM | LISLE SAVINGS BANK | ONGOING* | 9/2/2015 | \$1,019.87 | 0.400% | \$1,019.87 | | | | | \$4.08 |
| MM | LUANA SAVINGS BANK | ONGOING* | 2/15/2019 | \$2,506.00 | 0.550% | \$2,506.00 | | | | | \$13.78 |
| MM | ROYAL BANK fka Park Fed Savings | ONGOING* | 12/4/2012 | \$1,151.90 | 0.149% | \$1,151.90 | | | | | \$1.72 |
| MM | STEARNS BANK | ONGOING | 9/1/2015 | \$250,000.00 | 2.000% | \$250,000.00 | | | | | \$5,000.00 |
| MM | TRISTATE CAPITAL BANK | ONGOING | 11/9/2016 | \$10.00 | 0.000% | | \$10.00 | | | | \$0.00 |
| MM | WEST SUBURBAN BANK | ONGOING* | 11/20/2012 | \$5,142.52 | 0.050% | | \$5,142.52 | | | | \$2.57 |
| TOTAL MM ACCOUNTS | | | | \$282,546.63 | 1.842% | \$277,394.11 | \$5,152.52 | \$0.00 | \$0.00 | \$0.00 | \$5,204.08 |
| ILLINOIS FUNDS - MONEY MARKET | | | | \$1,905,375.78 | 2.197% | \$1,449,183.90 | \$253,003.78 | \$203,188.10 | \$0.00 | \$0.00 | \$41,861.11 |
| TOTAL - ALL INVESTMENTS | | | | \$3,682,912.41 | 2.311% | \$2,421,578.01 | \$1,015,865.75 | \$203,188.10 | \$35,260.73 | \$7,019.82 | \$85,125.95 |

TOTAL CASH AND INVESTMENTS \$5,546,074.46

*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.
BALANCES ARE CURRENT AS OF 7/31/19.

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



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

General Manager
Nicholas J. Menninga

Legal Counsel
Michael G. Philipp

Providing a Better Environment for South Central DuPage County

Memo

To: Board of Trustees
From: Nick Menninga, General Manager
Date: September 13, 2019
Subject: Treasurer's Report for August, 2019

Attached please find the subject report that tracks income and expenses for the first four months of Fiscal Year 19-20.

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

| Year-to-date | Income | Expense |
|---------------------|--------------------------|--------------------------|
| General Fund | \$ 3,414,413.88 (page 1) | \$ 2,732,082.39 (page 6) |
| Improvement Fund | \$ 26,159.03 (page 7) | \$ 2,867.50 (page 7) |
| Construction Fund | \$ 84,810.33 (page 8) | \$ 0.00 (page 9) |
| Public Benefit Fund | \$ 303.27 (page 10) | \$ 0.00 (page 10) |
| TOTAL | \$ 3,525,686.51 | \$ 2,734,949.89 |

NJM:ARU

C: BOLI, WCC, MGP

=====

| Fund number & Description | Ending Fund Balance |
|-------------------------------|------------------------|
| ----- | |
| Fund 01 : GENERAL FUND | \$3,959,976.61 |
| Fund 02 : IMPROVEMENT FUND | \$1,184,920.41 |
| Fund 03 : CONSTRUCTION FUND | \$400,181.48 |
| Fund 05 : PUBLIC BENEFIT FUND | \$36,772.06 |
| Recap Totals | <hr/> \$5,581,850.56 |

TREASURER'S REPORT

DATE 09/05/19

MONTH ENDED 08/31/19

PAGE 1

FUND 01 GENERAL FUND

| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | ACTUAL- BUDGET VARIANCE | VAR % | TOTAL BUDGET |
|--------------------|------------------------------------|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| ===== | | | | | | | | | |
| DEPT 05 | REVENUES | | | | | | | | |
| 3000 | PROPERTY TAXES | | 223,837.48- | 12,242- | 859,439.88- | 640,391- | 219,048.88- | 34.2 | 1,188,550- |
| 3001 | USER RECEIPTS | | 216,576.86- | 273,521- | 960,466.25- | 1,027,776- | 67,309.75 | 6.6- | 3,315,400- |
| 3002 | SURCHARGES | | 22,425.11- | 27,083- | 104,188.90- | 108,332- | 4,143.10 | 3.8- | 325,000- |
| 3004 | PLAN REVIEW FEES | | .00 | 250- | 417.66- | 500- | 82.34 | 16.5- | 1,000- |
| 3005 | CONSTRUCTION INSPECTION FEES | | .00 | 120- | .00 | 240- | 240.00 | 100.0- | 500- |
| 3006 | PERMIT INSPECTION FEES | | 2,085.00- | 1,833- | 13,214.00- | 7,332- | 5,882.00- | 80.2 | 22,000- |
| 3007 | INTEREST ON INVESTMENTS | | 4,551.21- | 2,917- | 17,614.76- | 11,668- | 5,946.76- | 51.0 | 35,000- |
| 3013 | SAMPLING AND MONITORING | | 7,134.20- | 5,833- | 35,678.07- | 23,332- | 12,346.07- | 52.9 | 70,000- |
| 3014 | REPLACEMENT TAXES | | 1,556.34- | 4,100- | 36,494.45- | 27,900- | 8,594.45- | 30.8 | 75,000- |
| 3015 | MISCELLANEOUS INCOME | | 583.80- | 833- | 1,079.83- | 3,332- | 2,252.17 | 67.6- | 10,000- |
| 3021 | TELEVISION INSPECTION | | .00 | 0 | .00 | 0 | .00 | .0 | 150- |
| 3023 | PROPERTY LEASE PAYMENTS | | 2,840.81- | 2,792- | 11,363.24- | 11,168- | 195.24- | 1.8 | 33,500- |
| 3024 | MONTHLY SERVICE FEES | | 297,811.46- | 345,874- | 1,305,608.59- | 1,306,182- | 573.41 | .0 | 4,069,100- |
| 3027 | GREASE WASTE | | 10,170.75- | 18,333- | 65,126.15- | 73,332- | 8,205.85 | 11.2- | 220,000- |
| 3040 | RENEWABLE ENERGY CREDITS | | .00 | 0 | 3,722.10- | 750- | 2,972.10- | 396.3 | 3,000- |
| ===== | | | | | | | | | |
| DEPT 05 TOTALS | | | 789,573.02- | 695,731- | 3,414,413.88- | 3,242,235- | 172,178.88- | 5.3 | 9,368,200- |
| ===== | | | | | | | | | |
| FUND REVENUE TOTAL | | | 789,573.02- | 695,731- | 3,414,413.88- | 3,242,235- | 172,178.88- | 5.3 | 9,368,200- |
| ===== | | | | | | | | | |
| DEPT 11 | O & M EXPENSES - ADMINISTRATION | | | | | | | | |
| SECT A | SALARIES AND WAGES | | | | | | | | |
| A001 | TRUSTEES | | 4,500.00 | 4,500 | 9,000.00 | 9,000 | .00 | .0 | 18,000 |
| A002 | BOLI | | .00 | 225 | .00 | 450 | 450.00- | 100.0- | 900 |
| A003 | GENERAL MANAGEMENT | | 18,644.76 | 28,938 | 80,053.12 | 158,578 | 78,524.88- | 49.5- | 463,000 |
| A004 | FINANCIAL RECORDS | | 13,898.32 | 12,088 | 82,988.17 | 66,240 | 16,748.17 | 25.3 | 193,400 |
| A005 | ADMINISTRATIVE RECORDS | | 2,515.72 | 3,844 | 13,495.40 | 21,064 | 7,568.60- | 35.9- | 61,500 |
| A006 | ENGINEERING | | 993.37 | 0 | 1,931.21 | 0 | 1,931.21 | .0 | 0 |
| A007 | CODE ENFORCEMENT | | 33,014.50 | 22,144 | 138,795.75 | 121,348 | 17,447.75 | 14.4 | 354,300 |
| A008 | SAFETY ACTIVITIES | | 254.06 | 159 | 254.06 | 873 | 618.94- | 70.9- | 2,550 |
| A030 | BUILDING AND GROUNDS | | .00 | 0 | 197.18 | 0 | 197.18 | .0 | 0 |
| ===== | | | | | | | | | |
| SECT A TOTALS | | | 73,820.73 | 71,898 | 326,714.89 | 377,553 | 50,838.11- | 13.5- | 1,093,650 |
| ===== | | | | | | | | | |
| SECT B | OPERATIONS AND MAINTENANCE | | | | | | | | |
| B100 | ELECTRICITY | | 553.46 | 400 | 1,175.66 | 1,625 | 449.34- | 27.7- | 4,000 |
| B101 | NATURAL GAS | | 89.41 | 150 | 360.91 | 600 | 239.09- | 39.9- | 3,000 |
| B102 | WATER, GARBAGE AND OTHER UTILITIES | | .00 | 0 | 263.18 | 395 | 131.82- | 33.4- | 1,150 |
| B110 | BANK CHARGES | | 986.03 | 1,541 | 3,985.52 | 6,164 | 2,178.48- | 35.3- | 18,500 |
| B112 | COMMUNICATION | | 1,358.06 | 1,333 | 5,354.72 | 5,332 | 22.72 | .4 | 16,000 |
| B115 | EQUIPMENT/EQUIPMENT REPAIR | | 3,413.61 | 12,000 | 24,086.96 | 27,300 | 3,213.04- | 11.8- | 81,500 |
| B116 | SUPPLIES | | 1,330.85 | 608 | 3,563.69 | 2,432 | 1,131.69 | 46.5 | 7,300 |
| B117 | EMPLOYEE/DUTY COSTS | | 4,880.49 | 1,083 | 7,955.41 | 4,332 | 3,623.41 | 83.6 | 13,000 |
| B118 | BUILDING AND GROUNDS | | 3,160.26 | 2,000 | 7,745.16 | 10,000 | 2,254.84- | 22.6- | 24,000 |
| B119 | POSTAGE | | 1,021.88 | 958 | 1,099.44 | 3,832 | 2,732.56- | 71.3- | 11,500 |
| B120 | PRINTING/PHOTOGRAPHY | | 494.30 | 700 | 5,692.78 | 9,000 | 3,307.22- | 36.8- | 11,400 |

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| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | ACTUAL- BUDGET VARIANCE | VAR % | TOTAL BUDGET |
|-----------------------------------|------------------------------------|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| ===== | | | | | | | | | |
| B121 | USER BILLING MATERIALS | | 5,430.66 | 6,208 | 19,477.88 | 24,832 | 5,354.12- | 21.6- | 74,500 |
| B124 | CONTRACT SERVICES | | 859.14 | 9,975 | 29,552.74 | 39,900 | 10,347.26- | 25.9- | 119,700 |
| B137 | MEMBERSHIPS/SUBSCRIPTIONS | | .00 | 0 | 659.00 | 900 | 241.00- | 26.8- | 10,700 |
| ===== | | | | | | | | | |
| SECT B TOTALS | | | 23,578.15 | 36,956 | 110,973.05 | 136,644 | 25,670.95- | 18.8- | 396,250 |
| ===== | | | | | | | | | |
| SECT C VEHICLES | | | | | | | | | |
| C222 | GAS/FUEL | | 155.39 | 125 | 397.51 | 550 | 152.49- | 27.7- | 1,800 |
| C225 | OPERATION/REPAIR | | 107.30 | 350 | 107.30 | 700 | 592.70- | 84.7- | 1,400 |
| ===== | | | | | | | | | |
| SECT C TOTALS | | | 262.69 | 475 | 504.81 | 1,250 | 745.19- | 59.6- | 3,200 |
| ===== | | | | | | | | | |
| DEPT 11 TOTALS | | | 97,661.57 | 109,329 | 438,192.75 | 515,447 | 77,254.25- | 15.0- | 1,493,100 |
| ===== | | | | | | | | | |
| DEPT 12 O & M EXPENSES - WWTC | | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | | |
| A006 | ENGINEERING | | 2,107.06 | 0 | 3,908.70 | 0 | 3,908.70 | .0 | 0 |
| A009 | OPERATIONS MANAGEMENT | | 10,031.42 | 1,466 | 35,026.29 | 8,032 | 26,994.29 | 336.1 | 23,450 |
| A010 | MAINTENANCE - BUDGET | | .00 | 36,413 | .00 | 199,541 | 25,694.68- | 12.9- | 582,600 |
| A011 | MAINTENANCE - WWTC | | 30,161.80 | 0 | 136,435.88 | 0 | .00 | .0 | 0 |
| A012 | MAINTENANCE - VEHICLES | | 586.96 | 0 | 1,840.72 | 0 | .00 | .0 | 0 |
| A013 | MAINTENANCE - ENERGY RECOVERY | | 1,180.61 | 0 | 7,768.36 | 0 | .00 | .0 | 0 |
| A014 | MAINTENANCE - ELECTRICAL | | 7,330.59 | 0 | 27,801.36 | 0 | .00 | .0 | 0 |
| A020 | WWTC - BUDGET | | .00 | 38,588 | .00 | 211,460 | 19,212.20- | 9.1- | 617,400 |
| A021 | WWTC - OPERATIONS | | 24,980.60 | 0 | 121,798.88 | 0 | .00 | .0 | 0 |
| A022 | WWTC - SLUDGE HANDLING | | 17,895.07 | 0 | 66,522.91 | 0 | .00 | .0 | 0 |
| A023 | WWTC - ENERGY RECOVERY | | 906.89 | 0 | 3,926.01 | 0 | .00 | .0 | 0 |
| A030 | BUILDING AND GROUNDS | | 5,876.35 | 3,156 | 19,224.49 | 17,296 | 1,928.49 | 11.2 | 50,500 |
| ===== | | | | | | | | | |
| SECT A TOTALS | | | 101,057.35 | 79,623 | 424,253.60 | 436,329 | 12,075.40- | 2.8- | 1,273,950 |
| ===== | | | | | | | | | |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | | |
| B100 | ELECTRICITY | | 2,084.17 | 7,000 | 7,503.07 | 28,000 | 20,496.93- | 73.2- | 72,000 |
| B101 | NATURAL GAS | | 179.66 | 200 | 1,577.01 | 1,100 | 477.01 | 43.4 | 12,000 |
| B102 | WATER, GARBAGE AND OTHER UTILITIES | | 1,245.98 | 1,000 | 5,452.27 | 11,100 | 5,647.73- | 50.9- | 33,000 |
| B103 | ODOR CONTROL | | 579.00 | 6,200 | 1,863.78 | 13,800 | 11,936.22- | 86.5- | 30,000 |
| B104 | FUEL - GENERATORS | | 398.91 | 3,875 | 2,958.91 | 7,750 | 4,791.09- | 61.8- | 15,500 |
| B112 | COMMUNICATION | | 1,266.62 | 1,458 | 5,314.44 | 5,832 | 517.56- | 8.9- | 17,500 |
| B113 | EMERGENCY/SAFETY EQUIPMENT | | 669.60 | 1,433 | 3,139.28 | 5,732 | 2,592.72- | 45.2- | 17,200 |
| B116 | SUPPLIES | | 3,114.48 | 2,479 | 9,341.74 | 9,916 | 574.26- | 5.8- | 29,750 |
| B117 | EMPLOYEE/DUTY COSTS | | 1,648.38 | 2,500 | 4,417.42 | 9,000 | 4,582.58- | 50.9- | 25,000 |
| B124 | CONTRACT SERVICES | | .00 | 0 | 203,705.00 | 203,700 | 5.00 | .0 | 203,700 |
| B130 | NPDES PERMIT FEES | | .00 | 0 | 53,000.00 | 53,000 | .00 | .0 | 53,000 |
| B131 | SLUDGE HAULING/DISPOSAL SERVICES | | 34,900.25 | 0 | 72,649.50 | 40,000 | 32,649.50 | 81.6 | 80,000 |
| B400 | CHEMICALS - BUDGET | | .00 | 9,308 | .00 | 37,232 | 17,544.55 | 47.1 | 111,700 |
| B401 | CHEMICALS - DISINFECTION | | 9,910.16 | 0 | 35,595.14 | 0 | .00 | .0 | 0 |
| B402 | CHEMICALS - SLUDGE DEWATERING | | 4,285.08 | 0 | 15,325.63 | 0 | .00 | .0 | 0 |
| B403 | CHEMICALS - TERTIARY TREATMENT | | .00 | 0 | 3,855.78 | 0 | .00 | .0 | 0 |

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|-------------------------------------|---|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| ===== | | | | | | | | | |
| B501 | EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS | | 5,640.97 | 7,651 | 11,379.42 | 30,604 | 19,224.58- | 62.8- | 91,809 |
| B502 | EQPT/EQPT REPAIR - DISINFECTION | | 3,217.25 | 1,108 | 4,752.30 | 4,432 | 320.30 | 7.2 | 13,301 |
| B503 | EQPT/EQPT REPAIR - EXCESS FLOW | | .00 | 4,020 | .00 | 16,080 | 16,080.00- | 100.0- | 48,241 |
| B504 | EQPT/EQPT REPAIR - GRIT REMOVAL | | 1,920.77 | 3,213 | 6,041.98 | 12,852 | 6,810.02- | 53.0- | 38,551 |
| B505 | EQPT/EQPT REPAIR - INFLUENT PUMPING | | 291.00 | 12,000 | 4,037.70 | 29,400 | 25,362.30- | 86.3- | 51,051 |
| B506 | EQPT/EQPT REPAIR - PRIMARY TREATMENT | | 2,528.56 | 3,646 | 9,131.53 | 14,584 | 5,452.47- | 37.4- | 43,751 |
| B507 | EQPT/EQPT REPAIR - SECONDARY TREATMENT | | 27,670.69 | 25,000 | 58,092.83 | 57,000 | 1,092.83 | 1.9 | 85,176 |
| B508 | EQPT/EQPT REPAIR - SLUDGE CONCENTRATION | | 311.19 | 63,134 | 27,666.98 | 252,536 | 224,869.02- | 89.0- | 757,606 |
| B509 | EQPT/EQPT REPAIR - SLUDGE DEWATERING | | 1,325.04 | 2,092 | 6,704.34 | 8,368 | 1,663.66- | 19.9- | 25,101 |
| B510 | EQPT/EQPT REPAIR - SLUDGE DIGESTION | | 14,752.60 | 5,100 | 26,360.94 | 20,400 | 5,960.94 | 29.2 | 61,201 |
| B511 | EQPT/EQPT REPAIR - TERTIARY TREATMENT | | .00 | 2,038 | 238.81 | 8,152 | 7,913.19- | 97.1- | 24,451 |
| B512 | EQPT/EQPT REPAIR - WWTC GENERAL | | 8,305.60 | 2,747 | 13,157.27 | 10,988 | 2,169.27 | 19.7 | 32,961 |
| B513 | EQPT/EQPT REPAIR - WWTC UTILITIES | | 11,265.62 | 11,158 | 47,677.76 | 44,632 | 3,045.76 | 6.8 | 133,900 |
| B802 | BLDG AND GROUNDS - DISINFECTION | | .00 | 43 | .00 | 172 | 172.00- | 100.0- | 514 |
| B803 | BLDG AND GROUNDS - EXCESS FLOW | | .00 | 86 | .00 | 344 | 344.00- | 100.0- | 1,029 |
| B804 | BLDG AND GROUNDS - GRIT REMOVAL | | .00 | 419 | .00 | 1,676 | 1,676.00- | 100.0- | 5,029 |
| B805 | BLDG AND GROUNDS - INFLUENT PUMPING | | 730.97 | 1,020 | 730.97 | 4,080 | 3,349.03- | 82.1- | 12,239 |
| B806 | BLDG AND GROUNDS - PRIMARY TREATMENT | | .00 | 429 | .00 | 1,716 | 1,716.00- | 100.0- | 5,149 |
| B807 | BLDG AND GROUNDS - SECONDARY TREATMENT | | 212.55 | 86 | 212.55 | 344 | 131.45- | 38.2- | 1,029 |
| B809 | BLDG AND GROUNDS - SLUDGE DEWATERING | | .00 | 1,044 | .00 | 4,176 | 4,176.00- | 100.0- | 12,529 |
| B810 | BLDG AND GROUNDS - SLUDGE DIGESTION | | 748.12 | 675 | 1,185.94 | 2,700 | 1,514.06- | 56.1- | 8,103 |
| B811 | BLDG AND GROUNDS - TERTIARY TREATMENT | | 39,208.00 | 4,179 | 40,658.81 | 16,716 | 23,942.81 | 143.2 | 50,148 |
| B812 | BLDG AND GROUNDS - WWTC GENERAL | | 5,234.50 | 25,000 | 14,372.69 | 75,000 | 60,627.31- | 80.8- | 160,388 |
| B813 | BLDG AND GROUNDS - WWTC UTILITIES | | .00 | 129 | .00 | 516 | 516.00- | 100.0- | 1,543 |
| ===== | | | | | | | | | |
| SECT B TOTALS | | | 183,645.72 | 211,470 | 698,101.79 | 1,043,630 | 345,528.21- | 33.1- | 2,365,150 |
| ===== | | | | | | | | | |
| SECT C VEHICLES | | | | | | | | | |
| C222 | GAS/FUEL | | 4,367.94 | 2,500 | 8,146.90 | 10,000 | 1,853.10- | 18.5- | 30,000 |
| C225 | OPERATION/REPAIR | | 903.58 | 625 | 2,786.55 | 2,500 | 286.55 | 11.5 | 7,500 |
| C226 | VEHICLE PURCHASES | | .00 | 8,000 | 42,746.36 | 41,000 | 1,746.36 | 4.3 | 41,000 |
| ===== | | | | | | | | | |
| SECT C TOTALS | | | 5,271.52 | 11,125 | 53,679.81 | 53,500 | 179.81 | .3 | 78,500 |
| ===== | | | | | | | | | |
| DEPT 12 TOTALS | | | 289,974.59 | 302,218 | 1,176,035.20 | 1,533,459 | 357,423.80- | 23.3- | 3,717,600 |
| ===== | | | | | | | | | |
| DEPT 13 O & M EXPENSES - LABORATORY | | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | | |
| A009 | OPERATIONS MANAGEMENT | | 7,040.83 | 4,038 | 24,320.31 | 22,126 | 2,194.31 | 9.9 | 64,600 |
| A040 | LABORATORY - BUDGET | | .00 | 10,678 | .00 | 58,516 | 779.66- | 1.3- | 170,850 |
| A041 | LAB - WWTC | | 9,950.99 | 0 | 48,457.34 | 0 | .00 | .0 | 0 |
| A042 | LAB - PRETREATMENT | | 571.92 | 0 | 6,111.12 | 0 | .00 | .0 | 0 |
| A043 | LAB - SURCHARGE PROGRAM | | 44.23 | 0 | 730.84 | 0 | .00 | .0 | 0 |
| A044 | LAB - BOD | | .00 | 0 | 192.57 | 0 | .00 | .0 | 0 |
| A048 | LAB - ENERGY RECOVERY | | 500.61 | 0 | 2,244.47 | 0 | .00 | .0 | 0 |
| ===== | | | | | | | | | |
| SECT A TOTALS | | | 18,108.58 | 14,716 | 82,056.65 | 80,642 | 1,414.65 | 1.8 | 235,450 |
| ===== | | | | | | | | | |

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| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | ACTUAL- BUDGET VARIANCE | VAR % | TOTAL BUDGET |
|---------------------------------------|---|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| ===== | | | | | | | | | |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | | |
| B114 | CHEMICALS | | 1,420.23 | 1,433 | 4,964.03 | 5,732 | 767.97- | 13.4- | 17,200 |
| B115 | EQUIPMENT/EQUIPMENT REPAIR | | .00 | 1,350 | 1,993.28 | 5,400 | 3,406.72- | 63.1- | 16,200 |
| B116 | SUPPLIES | | 860.28 | 1,729 | 6,095.02 | 6,916 | 820.98- | 11.9- | 20,750 |
| B117 | EMPLOYEE/DUTY COSTS | | 259.47 | 458 | 555.95 | 1,832 | 1,276.05- | 69.7- | 5,500 |
| B122 | MONITORING EQUIPMENT | | .00 | 2,250 | 333.53 | 4,500 | 4,166.47- | 92.6- | 9,000 |
| B123 | OUTSIDE LAB SERVICES | | 1,212.81 | 1,588 | 5,463.98 | 6,352 | 888.02- | 14.0- | 19,050 |
| ===== | | | | | | | | | |
| SECT B TOTALS | | | 3,752.79 | 8,808 | 19,405.79 | 30,732 | 11,326.21- | 36.9- | 87,700 |
| ===== | | | | | | | | | |
| SECT C VEHICLES | | | | | | | | | |
| C222 | GAS/FUEL | | 51.16 | 42 | 214.11 | 168 | 46.11 | 27.5 | 500 |
| C225 | OPERATION/REPAIR | | 18.66 | 50 | 18.66 | 100 | 81.34- | 81.3- | 200 |
| ===== | | | | | | | | | |
| SECT C TOTALS | | | 69.82 | 92 | 232.77 | 268 | 35.23- | 13.2- | 700 |
| ===== | | | | | | | | | |
| DEPT 13 TOTALS | | | 21,931.19 | 23,616 | 101,695.21 | 111,642 | 9,946.79- | 8.9- | 323,850 |
| ===== | | | | | | | | | |
| DEPT 14 O & M EXPENSES - SEWER SYSTEM | | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | | |
| A006 | ENGINEERING | | 919.33 | 0 | 1,141.45 | 0 | 1,141.45 | .0 | 0 |
| A050 | SEWER MAINTENANCE - BUDGET | | .00 | 10,209 | .00 | 55,947 | 5,533.91 | 9.9 | 163,350 |
| A051 | SEWER MAINTENANCE | | 15,097.08 | 0 | 57,390.88 | 0 | .00 | .0 | 0 |
| A054 | SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS | | 642.38 | 0 | 4,090.03 | 0 | .00 | .0 | 0 |
| A060 | INSPECTION - BUDGET | | .00 | 16,956 | .00 | 92,920 | 23,533.56- | 25.3- | 271,300 |
| A062 | INSPECTION - CONSTRUCTION OF DGSD PROJECTS | | 2,455.67 | 0 | 11,628.86 | 0 | .00 | .0 | 0 |
| A063 | INSPECTION - PERMIT INSPECTIONS | | 1,518.52 | 0 | 5,243.56 | 0 | .00 | .0 | 0 |
| A064 | INSPECTION - MISCELLANEOUS | | 2,172.82 | 0 | 17,679.26 | 0 | .00 | .0 | 0 |
| A065 | INSPECTION - CONSTR BY VILLAGES, UTILITIES | | 6,525.87 | 0 | 28,274.63 | 0 | .00 | .0 | 0 |
| A066 | INSPECTION - CODE ENFORCEMENT | | 850.35 | 0 | 6,560.13 | 0 | .00 | .0 | 0 |
| A070 | SEWER INVESTIGATIONS - BUDGET | | .00 | 759 | .00 | 4,161 | 1,068.79- | 25.7- | 12,150 |
| A072 | SEWER INVESTIGATIONS | | 1,378.21 | 0 | 3,092.21 | 0 | .00 | .0 | 0 |
| ===== | | | | | | | | | |
| SECT A TOTALS | | | 31,560.23 | 27,924 | 135,101.01 | 153,028 | 17,926.99- | 11.7- | 446,800 |
| ===== | | | | | | | | | |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | | |
| B112 | COMMUNICATION | | 629.33 | 875 | 2,556.07 | 3,500 | 943.93- | 27.0- | 10,500 |
| B113 | EMERGENCY/SAFETY EQUIPMENT | | 132.01 | 425 | 132.01 | 1,700 | 1,567.99- | 92.2- | 5,050 |
| B115 | EQUIPMENT/EQUIPMENT REPAIR | | 11,503.69 | 3,788 | 25,336.74 | 15,152 | 10,184.74 | 67.2 | 45,450 |
| B116 | SUPPLIES | | 737.16 | 458 | 1,233.86 | 1,832 | 598.14- | 32.7- | 5,500 |
| B117 | EMPLOYEE/DUTY COSTS | | 652.93 | 1,125 | 2,510.56 | 4,500 | 1,989.44- | 44.2- | 13,500 |
| B124 | CONTRACT SERVICES | | .00 | 11,008 | 90.10 | 44,032 | 43,941.90- | 99.8- | 132,100 |
| B127 | JULIE SYSTEM | | 4,058.95 | 1,408 | 4,058.95 | 5,632 | 1,573.05- | 27.9- | 16,900 |
| B128 | OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM | | .00 | 1,250 | 44.00 | 5,000 | 4,956.00- | 99.1- | 15,000 |
| B129 | REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE | | .00 | 1,000 | .00 | 4,000 | 4,000.00- | 100.0- | 12,000 |
| B900 | SEWER SYSTEM REPAIRS - BUDGET | | .00 | 200,000 | .00 | 480,000 | 273,278.71- | 56.9- | 1,481,600 |
| B901 | SEWER SYSTEM REPAIRS - I/I PROGRAM | | .00 | 0 | 88.00 | 0 | .00 | .0 | 0 |
| B902 | SEWER SYSTEM REPAIRS - REPLACEMENT | | .00 | 0 | 6,199.32 | 0 | .00 | .0 | 0 |

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|--|---|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| ===== | | | | | | | | | |
| B903 | SEWER SYSTEM REPAIRS - REHABILITATION | | .00 | 0 | 8,366.11 | 0 | .00 | .0 | 0 |
| B910 | SEWER SYSTEM REPAIRS - BSSRAP PROGRAM | | 43,062.02 | 0 | 191,230.74 | 0 | .00 | .0 | 0 |
| B913 | SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R | | .00 | 0 | 837.12 | 0 | .00 | .0 | 0 |
| ===== | | | | | | | | | |
| SECT B TOTALS | | | 60,776.09 | 221,337 | 242,683.58 | 565,348 | 322,664.42- | 57.1- | 1,737,600 |
| ===== | | | | | | | | | |
| | | | | | | | | | |
| SECT C VEHICLES | | | | | | | | | |
| C222 | GAS/FUEL | | 2,396.05 | 2,208 | 5,371.96 | 8,832 | 3,460.04- | 39.2- | 26,500 |
| C225 | OPERATION/REPAIR | | 819.06 | 542 | 1,794.02 | 2,168 | 373.98- | 17.3- | 6,500 |
| C226 | VEHICLE PURCHASES | | .00 | 0 | 25,675.00 | 20,000 | 5,675.00 | 28.4 | 20,000 |
| ===== | | | | | | | | | |
| SECT C TOTALS | | | 3,215.11 | 2,750 | 32,840.98 | 31,000 | 1,840.98 | 5.9 | 53,000 |
| ===== | | | | | | | | | |
| | | | | | | | | | |
| DEPT 14 TOTALS | | | 95,551.43 | 252,011 | 410,625.57 | 749,376 | 338,750.43- | 45.2- | 2,237,400 |
| ===== | | | | | | | | | |
| | | | | | | | | | |
| DEPT 15 O & M EXPENSES - LIFT STATIONS | | | | | | | | | |
| | | | | | | | | | |
| SECT A SALARIES AND WAGES | | | | | | | | | |
| A006 | ENGINEERING | | 12.34 | 0 | 12.34 | 0 | 12.34 | .0 | 0 |
| A009 | OPERATIONS MANAGEMENT | | 536.98 | 28 | 1,906.86 | 154 | 1,752.86 | 1,138.2 | 450 |
| A030 | BUILDING AND GROUNDS | | 306.00 | 0 | 1,027.15 | 0 | 1,027.15 | .0 | 0 |
| A080 | LIFT STATION MAINTENANCE | | 4,136.15 | 4,378 | 15,822.94 | 23,992 | 8,169.06- | 34.1- | 70,050 |
| ===== | | | | | | | | | |
| SECT A TOTALS | | | 4,991.47 | 4,406 | 18,769.29 | 24,146 | 5,376.71- | 22.3- | 70,500 |
| ===== | | | | | | | | | |
| | | | | | | | | | |
| SECT B OPERATIONS AND MAINTENANCE | | | | | | | | | |
| B100 | ELECTRICITY | | 10,896.73 | 10,288 | 47,024.52 | 41,152 | 5,872.52 | 14.3 | 123,450 |
| B104 | FUEL - GENERATORS | | .00 | 1,250 | .00 | 2,500 | 2,500.00- | 100.0- | 5,000 |
| B112 | COMMUNICATION | | 362.20 | 458 | 1,492.80 | 1,832 | 339.20- | 18.5- | 5,500 |
| B113 | EMERGENCY/SAFETY EQUIPMENT | | .00 | 0 | .00 | 125 | 125.00- | 100.0- | 250 |
| B116 | SUPPLIES | | .00 | 120 | .00 | 240 | 240.00- | 100.0- | 400 |
| B520 | EQPT/EQPT REPAIR - BUTTERFIELD | | .00 | 165 | .00 | 660 | 660.00- | 100.0- | 1,981 |
| B521 | EQPT/EQPT REPAIR - CENTEX | | .00 | 379 | .00 | 1,516 | 1,516.00- | 100.0- | 4,551 |
| B522 | EQPT/EQPT REPAIR - COLLEGE | | 898.46 | 274 | 898.46 | 1,096 | 197.54- | 18.0- | 3,283 |
| B523 | EQPT/EQPT REPAIR - EARLSTON | | .00 | 6,004 | 5,367.00 | 24,016 | 18,649.00- | 77.7- | 72,051 |
| B524 | EQPT/EQPT REPAIR - HOBSON | | .00 | 343 | .00 | 1,372 | 1,372.00- | 100.0- | 4,119 |
| B525 | EQPT/EQPT REPAIR - LIBERTY PARK | | 860.28 | 335 | 860.28 | 1,340 | 479.72- | 35.8- | 4,014 |
| B526 | EQPT/EQPT REPAIR - NORTHWEST | | 6,602.00 | 2,252 | 7,673.62 | 9,008 | 1,334.38- | 14.8- | 27,021 |
| B527 | EQPT/EQPT REPAIR - VENARD | | .00 | 268 | 102.86 | 1,072 | 969.14- | 90.4- | 3,217 |
| B528 | EQPT/EQPT REPAIR - WROBLE | | .00 | 169 | 7,545.26 | 676 | 6,869.26 | 1,016.2 | 2,033 |
| B529 | EQPT/EQPT REPAIR - LIFT STATIONS GENERAL | | .00 | 4,078 | 137.28 | 16,312 | 16,174.72- | 99.2- | 48,930 |
| B820 | BLDG AND GROUNDS - BUTTERFIELD | | 124.40 | 0 | 500.50 | 0 | 500.50 | .0 | 0 |
| B821 | BLDG AND GROUNDS - CENTEX | | 166.40 | 0 | 508.50 | 0 | 508.50 | .0 | 0 |
| B823 | BLDG AND GROUNDS - EARLSTON | | 124.40 | 0 | 495.50 | 0 | 495.50 | .0 | 0 |
| B824 | BLDG AND GROUNDS - HOBSON | | 124.40 | 0 | 520.50 | 0 | 520.50 | .0 | 0 |
| B825 | BLDG AND GROUNDS - LIBERTY PARK | | 173.40 | 0 | 515.50 | 0 | 515.50 | .0 | 0 |
| B826 | BLDG AND GROUNDS - NORTHWEST | | 17,124.40 | 1,250 | 17,946.54 | 5,000 | 12,946.54 | 258.9 | 15,000 |
| B827 | BLDG AND GROUNDS - VENARD | | 166.40 | 0 | 508.50 | 0 | 508.50 | .0 | 0 |
| B828 | BLDG AND GROUNDS - WROBLE | | 203.96 | 8,000 | 546.06 | 17,000 | 16,453.94- | 96.8- | 17,500 |

TREASURER'S REPORT

DATE 09/05/19
FUND 01 GENERAL FUND

MONTH ENDED 08/31/19

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| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | ACTUAL- BUDGET VARIANCE | VAR % | TOTAL BUDGET |
|---------|--|------|----------------------------|----------------------------|-----------------|-----------------|-------------------------------|----------|-----------------|
| ===== | | | | | | | | | |
| B829 | BLDG AND GROUNDS - LIFT STATIONS GENERAL | | .00 | 1,200 | 124.41 | 4,800 | 4,675.59- | 97.4- | 14,400 |
| ===== | | | | | | | | | |
| | SECT B TOTALS | | 37,827.43 | 36,833 | 92,768.09 | 129,717 | 36,948.91- | 28.5- | 352,700 |
| ===== | | | | | | | | | |
| | DEPT 15 TOTALS | | 42,818.90 | 41,239 | 111,537.38 | 153,863 | 42,325.62- | 27.5- | 423,200 |
| ===== | | | | | | | | | |
| DEPT 17 | O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS | | | | | | | | |
| | | | | | | | | | |
| SECT E | INSURANCE AND EMPLOYEE BENEFITS | | | | | | | | |
| E452 | LIABILITY/PROPERTY | | 354.00 | 0 | 188,301.85 | 192,500 | 4,198.15- | 2.2- | 192,500 |
| E455 | EMPLOYEE GROUP HEALTH | | 37,689.32 | 44,104 | 157,413.49 | 176,416 | 19,002.51- | 10.8- | 529,250 |
| E460 | IMRF | | 20,247.69 | 22,881 | 79,655.52 | 91,524 | 11,868.48- | 13.0- | 277,350 |
| E461 | SOCIAL SECURITY | | 17,289.38 | 18,906 | 68,625.42 | 75,624 | 6,998.58- | 9.3- | 235,150 |
| ===== | | | | | | | | | |
| | SECT E TOTALS | | 75,580.39 | 85,891 | 493,996.28 | 536,064 | 42,067.72- | 7.9- | 1,234,250 |
| ===== | | | | | | | | | |
| | DEPT 17 TOTALS | | 75,580.39 | 85,891 | 493,996.28 | 536,064 | 42,067.72- | 7.9- | 1,234,250 |
| ===== | | | | | | | | | |
| DEPT 91 | SA EXPENSE | | | | | | | | |
| | | | | | | | | | |
| ===== | | | | | | | | | |
| | DEPT 91 TOTALS | | .00 | 0 | .00 | 0 | .00 | 0 | |
| ===== | | | | | | | | | |
| | FUND EXPENSE TOTAL | | 623,518.07 | 814,304 | 2,732,082.39 | 3,599,851 | 867,768.61- | 24.1- | 9,429,400 |
| ===== | | | | | | | | | |
| | FUND 01 TOTALS | | 166,054.95- | 118,573 | 682,331.49- | 357,616 | 1,039,947.49- | 290.8- | 61,200 |
| ===== | | | | | | | | | |

TREASURER'S REPORT

DATE 09/05/19

MONTH ENDED 08/31/19

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FUND 02 IMPROVEMENT FUND

| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | TOTAL BUDGET |
|---------|---|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| 3007 | INTEREST ON INVESTMENTS | | 2,209.17- | 1,429- | 8,685.20- | 5,716- | 17,150- |
| 3010 | TRUNK SEWER SERVICE CHARGES | | 2,945.95- | 7,500- | 17,473.83- | 30,000- | 90,000- |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | 5,155.12- | 8,929- | 26,159.03- | 35,716- | 107,150- |
| ===== | | | | | | | |
| DEPT 30 | CAPITAL EXP - ARRA - LOAN REPAYMENTS | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 0 | .00 | 0 | 93,200 |
| ===== | | | | | | | |
| DEPT 30 | TOTALS | | .00 | 0 | .00 | 0 | 93,200 |
| ===== | | | | | | | |
| DEPT 36 | CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE | | | | | | |
| ===== | | | | | | | |
| DEPT 36 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 74 | CAPITAL EXP - SEWER - UNSEWERED AREAS | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 0 | .00 | 0 | 7,500 |
| 0501 | REPORT ENGINEERING/ARCHITECTURAL | | .00 | 0 | 2,867.50 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 74 | TOTALS | | .00 | 0 | 2,867.50 | 0 | 7,500 |
| ===== | | | | | | | |
| FUND | EXPENSE TOTAL | | .00 | 0 | 2,867.50 | 0 | 100,700 |
| ===== | | | | | | | |
| FUND 02 | TOTALS | | 5,155.12- | 8,929- | 23,291.53- | 35,716- | 6,450- |
| ===== | | | | | | | |

TREASURER'S REPORT

DATE 09/05/19

MONTH ENDED 08/31/19

PAGE 8

FUND 03 CONSTRUCTION FUND

| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | TOTAL BUDGET |
|---------|---|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| 3007 | INTEREST ON INVESTMENTS | | 383.31- | 833- | 1,629.33- | 3,332- | 10,000- |
| 3009 | SEWER PERMIT FEES | | 16,149.00- | 20,833- | 83,181.00- | 83,332- | 250,000- |
| 3093 | GRANT FUNDING | | .00 | 0 | .00 | 0 | 500,000- |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | 16,532.31- | 21,666- | 84,810.33- | 86,664- | 760,000- |
| ===== | | | | | | | |
| DEPT 30 | CAPITAL EXP - ARRA - LOAN REPAYMENTS | | | | | | |
| 0500 | PROJECT BUDGET | | .00 | 0 | .00 | 0 | 28,900 |
| ===== | | | | | | | |
| DEPT 30 | TOTALS | | .00 | 0 | .00 | 0 | 28,900 |
| ===== | | | | | | | |
| DEPT 31 | CAPITAL EXP - WWTC - CHP BIOGAS | | | | | | |
| ===== | | | | | | | |
| DEPT 31 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 32 | CAPITAL EXP - WWTC - SECOND TURBOBLOWER | | | | | | |
| ===== | | | | | | | |
| DEPT 32 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 33 | CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING | | | | | | |
| ===== | | | | | | | |
| DEPT 33 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 34 | CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP | | | | | | |
| ===== | | | | | | | |
| DEPT 34 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 35 | CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2 | | | | | | |
| ===== | | | | | | | |
| DEPT 35 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 37 | CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2 | | | | | | |
| ===== | | | | | | | |
| DEPT 37 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 38 | CAPITAL EXP - WWTC - PROPERTY ACQUISITION | | | | | | |
| ===== | | | | | | | |
| DEPT 38 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| DEPT 39 | CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT | | | | | | |

DATE 09/05/19 MONTH ENDED 08/31/19
FUND 03 CONSTRUCTION FUND

| | | ACTUAL | BUDGET | | | |
|---------|-------------------------------------|------------|---------|------------|---------|----------|
| | COST | CURRENT | CURRENT | ACTUAL | BUDGET | TOTAL |
| NUMBER | DESCRIPTION | MONTH | MONTH | Y-T-D | Y-T-D | BUDGET |
| ===== | | | | | | |
| ===== | | | | | | |
| DEPT 39 | TOTALS | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | |
| DEPT 40 | CAPITAL EXP - WWTC - LOAN REPAYMENT | | | | | |
| ===== | | | | | | |
| DEPT 40 | TOTALS | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | |
| FUND | EXPENSE TOTAL | .00 | 0 | .00 | 0 | 28,900 |
| ===== | | | | | | |
| FUND 03 | TOTALS | 16,532.31- | 21,666- | 84,810.33- | 86,664- | 731,100- |
| ===== | | | | | | |

TREASURER'S REPORT

DATE 09/05/19 MONTH ENDED 08/31/19 PAGE 10
 FUND 05 PUBLIC BENEFIT FUND

| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | TOTAL BUDGET |
|---------|---|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| DEPT 05 | REVENUES | | | | | | |
| 3007 | INTEREST ON INVESTMENTS | | 77.06- | 46- | 303.27- | 184- | 550- |
| DEPT 05 | TOTALS | | 77.06- | 46- | 303.27- | 184- | 550- |
| DEPT 59 | CAPITAL EXP - SEWER - SEWER EXTENSIONS | | | | | | |
| DEPT 59 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| DEPT 65 | CAPITAL EXP - SEWER - REIMB FOR ADDED DEPTH | | | | | | |
| DEPT 65 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| FUND | EXPENSE TOTAL | | .00 | 0 | .00 | 0 | 0 |
| FUND 05 | TOTALS | | 77.06- | 46- | 303.27- | 184- | 550- |

TREASURER'S REPORT

DATE 09/05/19 MONTH ENDED 08/31/19 PAGE 11
 FUND 58 SPECIAL ASSESSMENT NO. 58

| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | TOTAL BUDGET |
|---------|-------------------------|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| 3008 | INTEREST ON ASSESSMENTS | | .00 | 0 | 146.27- | 0 | 0 |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | .00 | 0 | 146.27- | 0 | 0 |
| ===== | | | | | | | |
| DEPT 91 | SA EXPENSE | | | | | | |
| ===== | | | | | | | |
| DEPT 91 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND | EXPENSE TOTAL | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND 58 | TOTALS | | .00 | 0 | 146.27- | 0 | 0 |
| ===== | | | | | | | |

TREASURER'S REPORT

DATE 09/05/19

MONTH ENDED 08/31/19

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FUND 71 SEWER EXTENSIONS ESCROW

| NUMBER | DESCRIPTION | COST | ACTUAL CURRENT MONTH | BUDGET CURRENT MONTH | ACTUAL Y-T-D | BUDGET Y-T-D | TOTAL BUDGET |
|---------|-------------------------|------|----------------------------|----------------------------|-----------------|-----------------|-----------------|
| ===== | | | | | | | |
| DEPT 05 | REVENUES | | | | | | |
| 3007 | INTEREST ON INVESTMENTS | | 15.30- | 0 | 60.23- | 0 | 0 |
| ===== | | | | | | | |
| DEPT 05 | TOTALS | | 15.30- | 0 | 60.23- | 0 | 0 |
| ===== | | | | | | | |
| DEPT 92 | SEWER EXPENSE | | | | | | |
| ===== | | | | | | | |
| DEPT 92 | TOTALS | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND | EXPENSE TOTAL | | .00 | 0 | .00 | 0 | 0 |
| ===== | | | | | | | |
| FUND 71 | TOTALS | | 15.30- | 0 | 60.23- | 0 | 0 |
| ===== | | | | | | | |

GENERAL MANAGER'S REPORT TO EMPLOYEES

August 30, 2019

Personnel

An applicant for the District's Part-Time Office Clerical position has accepted the District's offer and is anticipated to start on September 10. The applicant is still wrapping up the conditions associated with the offer for employment.

Open House Assignments

Tentative employee assignment information is attached for this year's Open House on Saturday, October 5.

Flu Shots

The District will again be offering free flu shots to all employees this year. We plan to have Edward Hospital come to the WWTC and give the shots. We are still working on scheduling a date with Edward. Your participation is totally voluntary.

TopHealth

The September issue of TopHealth is enclosed.

Autumn Employee Luncheon

There will be an employee luncheon sometime in the next month to celebrate the end of a busy summer.

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 the installation of a bolt-down cover at 1-M-049. Regular flow monitoring continues.

Status of Projects

1) Westmont Alley Sewer Replacement

The project consists of alley sewer replacement work in the 1-K-028 drainage area, in the vicinity of Lincoln St and Grant St between Naperville Rd and Burlington Ave. Uno Construction is nearly ready to mobilize to correct sagged sections of new pipe that did not pass post-construction testing requirements.

2) 001 Outfall Pipe Repair

Baxter & Woodman has completed survey and geotechnical work, and is completing the design of the repairs needed for the sagged section of the outfall pipe that carries effluent flow to the East Branch of the DuPage River. Construction permit applications for the County and the State are in process.

3) WWTC WAS Mechanical Thickening

Bids for this project were opened August 14, with R. J. O'Neil of Montgomery, Illinois as the low bidder. The Board awarded the contract to O'Neil at the August regular Board meeting. Baxter & Woodman is circulating the contract for signatures, and will be scheduling the pre-construction meeting shortly.

4) 2019-20 Sewer Rehabilitation

Insituform has completed the project. We are awaiting project videos and payment requests.

5) MPI Paving Contract

The 2019 Paving Contract is now fully signed with Schroeder Asphalt Services. We are awaiting their proposed schedule to complete the work.

6) 2019 Painting Services

GP Maintenance Services Inc. has substantially completed outside work in the plant and has begun work at Wroble lift station. Tunnel work in the plant is being scheduled for later in the year.

7) 2019 Sewer Cleaning and Televising

The Board of Trustees approved the award of this work to Pipe-View LLC of LaPorte, Indiana at the July meeting. Pipe-View is mobilizing to start the work.

GENERAL MANAGER'S REPORT TO EMPLOYEES

September 13, 2019

WWTC Operations Data – August

The DMR for August indicates that the final effluent averaged 1.8 mg/L CBOD, 1.2 mg/L suspended solids and 0.13 mg/L ammonia nitrogen over a daily average flow of 8.71 MGD. There were no permit excursions in August.

Sewer Permits – August

There were 18 sewer permits issued in August – 9 single family, 1 commercial, and 8 disconnections.

Financial Data – August

In August, the District received \$789,573 in the General fund, including \$223,837 in property taxes, \$216,577 in user charges, \$22,425 in surcharges, and \$297,811 in monthly fees. General fund expenses totaled \$623,518. The Improvement fund had revenues of \$5,155 and expenses of \$0. The Construction fund had revenues of \$16,532 and expenses of \$0.

Personnel

Megan MacQuilkin, the District's new Part-Time Office Clerical Worker, started work on September 10. Please welcome Megan!

Flu Shots

The District will again be offering free flu shots to all employees this year. We plan to have Edward Hospital come to the WWTC and give the shots. Edward will require you to sign a Flu Vaccination Information/Consent Form. This event is scheduled for Tuesday, October 15 from 3:00 p.m. – 4:00 p.m. in the Maintenance Services Building lunchroom. Your participation is voluntary.

Autumn Employee Luncheon

We will be having an employee luncheon at Bohemian Crystal in Westmont on Wednesday, September 18 at 11:30 a.m. to celebrate the end of a busy summer.

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 the installation of a bolt-down cover at 1-M-049. Regular flow monitoring continues.

Status of Projects

1) Westmont Alley Sewer Replacement

The project consists of alley sewer replacement work in the 1-K-028 drainage area, in the vicinity of Lincoln St and Grant St between Naperville Rd and Burlington Ave. Uno Construction is nearly ready to mobilize to correct sagged sections of new pipe that did not pass post-construction testing requirements.

2) 001 Outfall Pipe Repair

Baxter & Woodman has completed survey and geotechnical work, and is completing the design of the repairs needed for the sagged section of the outfall pipe that carries effluent flow to the East Branch of the DuPage River. The construction permit application is under review at the County.

3) WWTC WAS Mechanical Thickening

Bids for this project were opened August 14, with R. J. O'Neil of Montgomery, Illinois as the low bidder. The Board awarded the contract to O'Neil at the August regular Board meeting. Baxter & Woodman is circulating the contract for signatures, and will be scheduling the pre-construction meeting shortly.

4) 2019-20 Sewer Rehabilitation

Insituform has completed the project. We are awaiting project videos and payment requests.

5) MPI Paving Contract

The 2019 Paving Contract is now fully signed with Schroeder Asphalt Services. They have scheduled work to begin the week of September 16.

6) 2019 Painting Services

GP Maintenance Services Inc. has substantially completed outside work in the plant and has begun work at Wroble lift station. Tunnel work in the plant is being scheduled for later in the year.

7) 2019 Sewer Cleaning and Televising

The Board of Trustees approved the award of this work to Pipe-View LLC of LaPorte, Indiana at the July meeting. Pipe-View has started the work.

GROUND LEASE AGREEMENT

1. **Premises and Use.** THIS LEASE AGREEMENT ("**Agreement**"), dated as of the latter of the signature dates below (the "Effective Date"), is entered into by Downers Grove Sanitary District, a local municipality, having a mailing address of 2710 Curtiss St, Downers Grove, IL 60515 (hereinafter referred to as "**Owner**") and Central States Tower IV, LLC, a Delaware limited liability company, having a mailing address of 323 S Hale Street, Suite #100, Wheaton, IL 60187 (hereinafter referred to as "**Lessee**"):

Owner possesses or controls that certain plot, parcel or tract of land, together with all rights and privileges arising in connection therewith, located at 5003 Walnut Ave, Downers Grove, IL 60515, in the County of DuPage, State of Illinois, as described on attached Exhibit 1 (collectively, the "Property"). In accordance with this Agreement, Owner desires to grant to Lessee the right to use a portion of the Property consisting of approximately 6,000 square feet upon which LESSEE will construct its equipment and antenna support structure, as well as space required for cable runs to connect its equipment and antennas in the location(s) shown on **Exhibit A**, attached hereto, together with non-exclusive easements for reasonable access thereto, for placement of an underground grounding system, and for access to the appropriate source of electric and telephone facilities, in the discretion of LESSEE, all of which shall be subject to Landlord's consent with respect to location which shall not be unreasonably withheld (the "Site"). The Site will be used by Lessee for the purpose, and for no other purpose, of installing, removing, replacing, modifying, maintaining and operating, at its expense, communications service facilities, including, without limitation, antenna and base station equipment, cable, wiring, back-up power sources (including generators and fuel storage tanks), related fixtures and, if applicable to the Site, an antenna support structure (the "Facilities"). Prior to commencing installation at the Site, Lessee, its agents, engineers, surveyors and other representatives shall have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, radio frequency testing and other geological or engineering tests or studies of the Property (collectively, the "Tests"), to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises and include, without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively, the "**Government Approvals**"), initiate the ordering and/or scheduling of necessary utilities, and otherwise to do those things on or off the Property that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Property, the environmental history of the Property, Landlord's title to the Property and the feasibility or suitability of the Property for Tenant's Permitted Use, all at Tenant's expense. Tenant will not be liable to Landlord on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Tenant's inspection. Lessee will use the Site in a manner which will not unreasonably disturb the Owner's use of the Property or occupancy of Owner's other tenants, if any. Lessee will have unrestricted access to the Site 24 hours per day, 7 days per week.

2. **Rent.** Until the date that is the first (1st) day of the month following the date LESSEE commences installation of the Facilities at the Site ("Rent Commencement Date"), rent will be a one-time aggregate payment of **\$100.00**, the receipt of which Owner acknowledges. Thereafter, rent will be paid in advance in equal monthly installments of **\$1000.00** (until increased as set forth herein), partial months to be prorated. Rent for each Renewal Term will be increased on the anniversary of the Rent Commencement Date to an amount equal to 110% of the rental rate in effect for the prior Term. Notwithstanding anything contained in this Section, Lessee's obligation to pay rent is contingent upon Lessee receipt of a W-9 form setting forth the tax identification number of Owner or of the person or entity to whom rent checks are to be made payable as directed in writing by Owner. If the Rent Commencement Date has not been established by June 1, 2022, then either party may terminate this Agreement by written notice to the other party.

3. **Term.** The term of this Agreement (the "Initial Term") is 5 years, commencing on the Rent Commencement Date. This Agreement will be automatically renewed for 5 additional terms of 5 years each (each a "Renewal Term"), unless Lessee provides Owner with notice of its intention not to renew not less than 90 days prior to the expiration of the Initial Term or any Renewal Term.

4. **Title and Quiet Possession.** Owner represents and warrants to LESSEE and further agrees that: (a) it is the owner of the property; (b) it has the right to enter into this Agreement; (c) the person signing this Agreement has the authority to sign; (d) LESSEE is entitled to access the Site at all times and to the quiet possession of the Site throughout the Initial Term and each Renewal Term so long as LESSEE is not in default beyond the expiration of any cure period; and (e) Owner will not have unsupervised access to the Site or to the Facilities.

5. **Assignment/Subletting.** LESSEE will have the right to sublease all or any portion of the Site, or assign its rights under this Agreement without notice to or consent of Owner.

6. **Notices.** All notices must be in writing and are effective only when deposited in the U.S. mail, certified and postage prepaid, or when sent via overnight delivery or by email. Notices will be addressed to the parties as follows:

If to Lessee: Central States Tower IV, LLC
323 S. Hale Street, Suite 100
Wheaton, IL 60187
Attn: Property Manager
(630) 221-8500 Main Number
(630) 221-8516 Fax
Re: Site Name: BNSF & I355
Email: info@centralstaterower.com

If to Owner: Downers Grove Sanitary District
Attn: General Manager
2710 Curtiss St
Downers Grove, IL 60515
(630) 969-0664
Email: nmenninga@dgsd.org

7. **Improvements.** Lessee may, at its expense, make improvements on the Site as it deems necessary or desirable from time to time for the operation of the Facilities. Owner agrees to cooperate with LESSEE with respect to obtaining any required zoning or other governmental approvals for the Site and the Facilities. Within ninety (90) days following termination or expiration of this Agreement, LESSEE shall remove the Facilities and will restore the Site to substantially the condition existing on the Lease Commencement Date, except for ordinary wear and tear and casualty loss. If LESSEE fails to remove the Facilities and fails to restore the Site to substantially the condition existing on the Lease Commencement Date, then such failure is deemed a default and Owner shall be permitted to remove the Facilities and restore the Site to substantially the condition existing on the Lease Commencement Date, and LESSEE shall be liable to LESSOR for any expenses incurred by LESSOR in accomplishing the foregoing removal and restoration.

8. **Compliance with Laws.** Owner represents to LESSEE that, to Owner's knowledge, the Owner's property (including the Site), and all improvements located thereon, are in substantial compliance with building, life/safety, disability and other laws, codes and regulations of applicable governmental authorities. LESSEE will substantially comply with all applicable laws relating to its possession and use of the Site.

9. **Interference.** LESSEE will resolve technical interference problems with other equipment located at the Site on the Lease Commencement Date or any equipment that becomes attached to the Site at any future date when LESSEE desires to add additional equipment to the Site. Likewise, Owner will not permit or suffer the installation of any equipment after the Lease Commencement Date that: (a) results in technical interference problems with the Facilities; or (b) encroaches onto the Site.

10. **Utilities.** Owner represents to LESSEE that, to Owner's knowledge, all utilities adequate for Lessee's use of the Site are available at or near the Site. LESSEE will pay for all utilities used by it at the Site. Owner will cooperate with LESSEE in LESSEE's efforts to obtain utilities from any location provided by Owner or the servicing utility, including signing any easement(s) or other instrument(s) reasonably required by the utility company. If there is a loss of electrical service at the Site, LESSEE may, at its expense, install and maintain a temporary generator and fuel storage tank at the Site or the property adjacent to the Site at the location depicted in Exhibit A.

11. **Termination.** Notwithstanding any provision contained in this Agreement, LESSEE may, in LESSEE's sole and absolute discretion and at any time and for any or no reason, terminate this Agreement without further liability by delivering prior written notice to Owner.

12. **Default.** If either party is in default under this Agreement for a period of 30 days following receipt of written notice from the non-defaulting party, the non-defaulting party may pursue any remedies available to it against the defaulting party at law or in equity, including, but not limited to, the right to terminate this Agreement. If a non-monetary default cannot reasonably be cured within a 30-day period, this Agreement may not be terminated if the defaulting party commences action to cure the default within the 30-day period and proceeds with due diligence to fully cure the default.

13. **Indemnity.** Subject to Section 17 hereof, Owner and LESSEE each indemnifies and agrees to defend the other against and holds the other harmless from any and all costs (including reasonable attorneys' fees) and claims of liability or loss which arise out of the ownership, use and occupancy of the Site by the indemnifying party. This indemnity does not apply to any claims arising from the negligence or intentional misconduct of the indemnified party. The indemnity obligations under this Section will survive termination of this Agreement.

14. Hazardous Substances. Owner represents and warrants to LESSEE that it has no knowledge of any substance, chemical or waste on the Site that is identified as hazardous, toxic or dangerous (collectively, "Substance") in any applicable federal, state or local law or regulation. LESSEE will not introduce or use any Substance on the Site in violation of any applicable law. Owner will have sole responsibility for the identification, investigation, monitoring and remediation and/or cleanup of any Substance discovered at the Site unless the presence or release of the Substance is caused by the activities of LESSEE.

15. Subordination and Non-Disturbance. This Agreement is subordinate to any mortgage or deed of trust of record against the Site as of the Lease Commencement Date. Promptly after this Agreement is fully executed, however, Owner will obtain a non-disturbance agreement in a form reasonably acceptable to LESSEE from the holder of any mortgage or deed of trust.

16. Property Taxes. LESSEE will be responsible for payment of all personal and real property taxes assessed directly upon and arising solely from its use of or installation of the Facilities on the Site. In the event that a reassessment of real property taxes are increased and are deemed to be directly attributable to the addition of the tower on the Leased Premises, Lessee will appeal, on behalf of the Owner, the increased taxes, to the best of Lessee's ability. Owner shall provide Lessee with the annual tax assessment within ten (10) days of receipt of the tax bill. In the event that Lessor fails to pay, when due, any taxes affecting the Leased Premises or the Easement, Lessee shall have the right, but not the obligation, to pay such taxes and deduct the full amount of the taxes paid by Lessee on Lessor's behalf from future installments of Rent.

17. Insurance. LESSEE will procure and maintain commercial general liability insurance, with limits of not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage liability, with a certificate of insurance to be furnished to Owner within 30 days after LESSEE's receipt of a written request. Each party hereby waives its right of recovery against the other for any loss or damage covered by any insurance policies maintained by the waiving party. Each party will cause each insurance policy obtained by it to provide that the insurance company waives all rights of recovery by subrogation against the other party in connection with any damage covered by the policy.

18. Maintenance. LESSEE will be responsible for repairing and maintaining the Facilities and any other improvements installed by LESSEE at the Site in a proper operating and reasonably safe condition; provided, however, if any repair or maintenance is required due to the acts or omissions of Owner, its agents, contractors or employees, Owner will promptly reimburse LESSEE for the reasonable costs incurred by LESSEE to restore the damaged areas to the condition which existed immediately prior thereto. Owner will maintain and repair all other portions of the property of which the Site is a part in a proper operating and reasonably safe condition.

19. Miscellaneous. (a) This Agreement applies to and binds the heirs, successors, executors, administrators and assigns of the parties to this Agreement; (b) this Agreement is governed by the laws of the state in which the Site is located; (c) Owner agrees to promptly execute and deliver to LESSEE a recordable Memorandum of Agreement in the form of **Exhibit B**, attached hereto; (d) Owner agrees not to lease any of its property within a radius of three (3) miles from the Site for construction of a tower or for use as a communications facility or for the operation of an antenna site leasing business which competes directly or indirectly with Lessee (e) this Agreement (including the Exhibits) constitutes the entire agreement between the parties and supersedes all prior written and verbal agreements, representations, promises or understandings between the parties. Any amendments to this Agreement must be in writing and executed by both parties; (f) if any immaterial provision of this Agreement is invalid or unenforceable with respect to any party, the remainder of this Agreement or the application of the provision to persons other than those as to whom it is held invalid or unenforceable, will not be affected and each provision of this Agreement will be valid and enforceable to the fullest extent permitted by law; and (g) the prevailing party in any action or proceeding in court or mutually agreed upon arbitration proceeding to enforce the terms of this Agreement is entitled to receive its reasonable attorneys' fees and other reasonable enforcement costs and expenses from the non-prevailing party.

20. RENTAL STREAM OFFER. If at any time after the date of this Agreement, Owner receives a bona fide written offer from a third party seeking an assignment of the rental stream associated with this Agreement ("**Rental Stream Offer**"), Owner shall immediately furnish LESSEE with a copy of the Rental Stream Offer. LESSEE shall have the right within twenty (20) days after it receives such copy and representation to match the Rental Stream Offer and agree in writing to match the terms of the Rental Stream Offer. Such writing shall be in the form of a contract substantially similar to the Rental Stream Offer. If LESSEE chooses not to exercise this right or fails to provide written notice to Owner within the twenty (20) day period, Owner may assign the rental stream pursuant to the Rental Stream Offer, subject to the terms of this Agreement.

21. Non-Binding Until Fully Executed. This Agreement is for discussion purposes only and does not constitute a formal offer by either party. This Agreement is not and will not be binding on either party until and unless it is fully executed by both parties.

22. **Termination by Lessor.** The term of this lease may be terminated at the sole option of the Owner upon five (5) days notice in writing, notwithstanding anything to the contrary herein contained, upon the occurrence of any of the following events:

- A. Assignment by Lessee for the benefit of creditors;
- B. The filing by or against the Lessee of a Petition of Bankruptcy; and
- C. The adjudication of Lessee as a bankrupt, either by voluntary or involuntary proceedings.

Upon termination of this lease for these reasons, the demised Premises shall revert to the Lessor.

23. **Utilities.** Lessee shall contract directly with the public utilities furnishing utilities (such as electric and telephone) which will be separately metered to the Leased Premises, and shall pay such utility providers directly and promptly when due.

24. **Environmental Restrictions.**

A. The term "Environmental Laws" shall mean all federal, state and local laws, statutes, regulations, ordinances or the like which regulate, govern or in any way deal with the storage, generation, release, clean-up, use or abatement of substances or wastes for the protection of health, safety and/or the environment. Also, "Hazardous Substances" shall mean those toxic, hazardous or other substances or wastes, the generation, storage, discharge, and/or disposal of which are regulated and/or controlled by any Environmental Law.

B. LESSEE shall not (i) generate, utilize, store or dispose of on the Leased Premises or Property any Hazardous Substances in violation of any law or (ii) suffer or permit to occur any violation of Environmental Laws on or with respect to the Leased Premises.

C. LESSEE shall forever indemnify, defend and hold harmless Lessor and its partners, officers, directors, employees, agents, successors, grantees, assigns and mortgagees (collectively the "Lessor Group") from any and all claims, demands, damages, expenses, fees, costs, fines, penalties, suits, proceedings, actions, causes of action and losses of any and every kind and nature, including, without limitation, diminution in value of the Property, damages for the loss or restriction on use of the rentable or usable space or of any amenity, damages arising from any adverse impact on leasing space on the Property, and sums paid in settlement of claims and for attorneys' fees, consultant fees and expert fees that may arise during or after the Term or any extension of the Term as a result of any breach by Lessee of the covenants contained in this paragraph. Such indemnification shall not apply under circumstances in which the claims, demands, damages, expenses, fees, costs, fines, penalties, suits, proceedings, actions, causes of action or loss is caused by the negligence of the Lessor Group. For purposes of the foregoing, the term "costs" includes, without limitation, costs and expenses incurred in connection with any investigation of site conditions or any cleanup, remedial, removal or restoration work required by any federal, state or local governmental agency or political subdivision, or as a result of any public or private enforcement action because of the presence of Hazardous Substances on or about the Property or because of the presence of Hazardous Substances anywhere else that came or otherwise emanated from the Property or the Leased Premises, or the existence of any other violation of Environmental Law. This covenant of indemnity shall survive the termination of this Lease.



The following Exhibits are attached to and made a part of this Agreement: Exhibits A and B.

OWNER(S):

Downers Grove Sanitary District

Signed, sealed and delivered in the presence of:

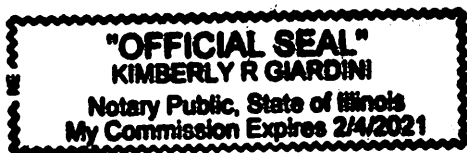
Will G. G...
Unofficial Witness

By: *[Signature]*
Print Name: Nicholas J. Menninga
Title: General Manager
Date: August 27, 2019

COUNTY OF DuPage)
STATE OF Illinois)ss

The foregoing instrument was subscribed and sworn to before me this 27th day of August, 2019 by Nicholas J. Menninga, known to me to be the person(s) named in and who executed the foregoing instrument, and acknowledged that he/she/they executed the same as his/her/their voluntary act and deed.

Kimberly R. Giardini Notary Public
Notary in Will County, IL
Acting in DuPage County, IL
My Commission Expires: February 4, 2021



LESSEE:

Central States Tower IV, LLC

Signed, sealed and delivered in the presence of:

[Signature]
Unofficial Witness

By:

Print Name:

Brian P. Meier

Title:

CEO

Date:

9-3-2019

COUNTY OF Will)

STATE OF Illinois) ss

The foregoing instrument was subscribed and sworn to before me this 3rd day of September 2019, by Brian P. Meier, known to me to be the person(s) named in and who executed the foregoing instrument, and acknowledged that he/she/they executed the same as his/her/their voluntary act and deed.



Cindi Sievertson Notary Public
Notary in Will County, IL
Acting in Will County, IL
My Commission Expires: 9/21/2021

**EXHIBIT A
TO GROUND LEASE AGREEMENT**

Site Description

Page 1 of 1

Site consists of a 100' x 75' x 60' x 85'. parcel located at 5003 Walnut Ave, Downers Grove, IL 60515, situated in the Village of Downers Grove, County of DuPage, State of Illinois, together with 20' wide ingress/egress and utilities easement(s) within the parent parcel commonly described as follows:

Insert Legal Description:

Site Description
(Page 1_ of 1)

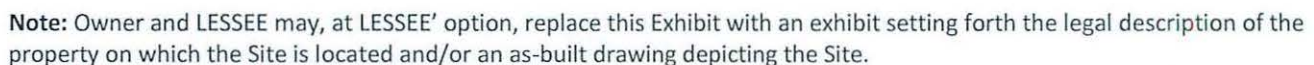


EXHIBIT B
TO GROUND LEASE AGREEMENT
Memorandum of Lease

Prepared by:

Central States Tower IV, LLC
323 S. Hale Street, Suite 100
Wheaton, IL 60187
(630) 221-8500 Main Number
(630) 221-8516 Fax

Return to:

Central States Tower IV, LLC
323 S. Hale Street, Suite 100
Wheaton, IL 60187
(630) 221-8500 Main Number
(630) 221-8516 Fax

Re: Cell Site # CST IL-03-5665;
Cell Site Name: BNSF & I355

State: Illinois
County: Dupage

MEMORANDUM OF LEASE

This Memorandum of Lease is entered into on this 3rd day of September, 2019, by and between Downers Grove Sanitary District, a local municipality, having a mailing address of 2710 Curtiss St, Downers Grove, IL 60515 (hereinafter referred to as "Owner") and Central States Tower IV, LLC, a Delaware limited liability company, having a mailing address of 323 S. Hale Street, #100, Wheaton, IL 60187 (hereinafter referred to as "Lessee").

1. Owner and Lessee entered into a certain Ground Lease Agreement ("Agreement") on the 3rd day of September, 2019, for the purpose of installing, operating and maintaining a communications facility and other improvements. All of the foregoing are set forth in the Agreement.
2. The initial lease term will be five (5) years ("Initial Term") commencing on the Rent Commencement Date, with five (5) successive five (5) year terms to renew.
3. A portion of the Property being leased to Lessee contained and described in **Exhibit A** annexed hereto.
4. This Memorandum of Lease is not intended to amend or modify, and shall not be deemed or construed as amending or modifying, any of the terms, conditions or provisions of the Agreement, all of which are hereby ratified and affirmed. In the event of a conflict between the provisions of this Memorandum of Lease and the provisions of the Agreement, the provisions of the Agreement shall control. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

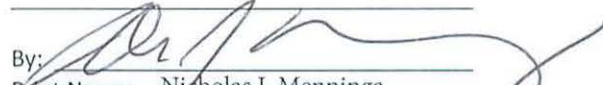
IN WITNESS WHEREOF, the parties have executed this Memorandum of Lease as of the day and year first above written.

WITNESSES:

"OWNER"

Downers Grove Sanitary District, a local municipality

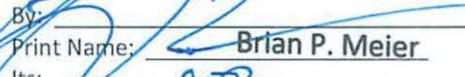

Print Name: William Clay Campbell

By: 
Print Name: Nicholas J. Menninga
Its: General Manager
Date: August 27, 2019

"LESSEE"

Central States Tower IV, LLC,
a Delaware limited liability company


Print Name: Alejandra Rojas

By: 
Print Name: Brian P. Meier
Its: CEO
Date: 9-3-19



LESSEE ACKNOWLEDGMENT

STATE OF ILLINOIS)
) ss:
COUNTY OF Will)

On the 3rd day of September 2019, before me personally appeared Brian P. Meier, and acknowledged under oath that he is duly authorized to sign on behalf of Central States Tower IV, LLC, the LESSEE named in the attached instrument, and as such was authorized to execute this instrument on behalf of the Limited Liability Company.



Cindi Sievertson
Notary Public: _____
My Commission Expires: 9/21/2021

OWNER ACKNOWLEDGMENT

CORPORATE ACKNOWLEDGMENT

STATE OF ILLINOIS)
) ss:
COUNTY OF DUPAGE)

I CERTIFY that on August 27, 2019, Nicholas J. Menninga [name of representative] personally came before me and acknowledged under oath that he or she:

- (a) is the General Manager [title] of Downers Grove Sanitary District [name of corporation], the corporation named in the attached instrument,
- (b) was authorized to execute this instrument on behalf of the corporation and
- (c) executed the instrument as the act of the corporation.

Kimberly R. Giardini
Notary Public: Kimberly R. Giardini
My Commission Expires: February 4, 2021



