DOWNERS GROVE SANITARY DISTRICT GENERAL MANAGER'S REPORT June 14, 2019

June Board Meeting

Copies of the following items are enclosed for the June 18, 2019 meeting:

- 1) Proposed Agenda
- 2) Minutes of the May 21, 2019 regular meeting
- 3) Claim Ordinance 1878
- 4) Tax Levy Ordinance
- 5) 2019 Painting Contract Award
- 6) Resolution of Appreciation Irene Taylor
- 7) CD Investment Ratifications: First Internet Bank; TAB Bank
- 8) Operations Report Wastewater Treatment Center Data Management
- 9) Executive Session Content Confidential Under Separate Cover

BOLI Meeting

There is no BOLI meeting scheduled this month.

Operations Reports

Copies of the following are enclosed for May operations:

- 1) Progress Report from 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.

Financial

A copy of the Investment Schedule as of May 31, 2019 is enclosed.

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

Meetings

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

- -May 30 attended Downers Grove Village Administrators' lunch meeting in Downers Grove.
- -May 31 hosted plant tour for Flavorchem production staff.
- -June 4 met with Lewis University research faculty and students at WWTC to discuss hosting research projects on-site.
- -June 13 attended DRSCW Executive Board Meeting in Downers Grove. Larry also attended.

Miscellaneous

I took vacation May 17-24.

Copies of the following items are enclosed:

- 1) General Manager's Reports to Employees dated May 24 and June 7, 2019.
- 2) Letter to IEPA reporting manhole overflows from the May 27 storm event.
- 3) Memo from Clay regarding changes in prevailing wage reporting requirements.
- 4) Article from June, 2019 edition of TPO Magazine regarding DGSD Digester Mixing Equipment

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

DOWNERS GROVE SANITARY DISTRICT BOARD OF TRUSTEES MEETING JUNE 18, 2019 – 7:00 PM

PROPOSED AGENDA

- I. APPROVAL OF REGULAR MEETING MINUTES MAY 21, 2019
- II. APPROVAL OF CLAIM ORDINANCE NO. 1878
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
 - A. TAX LEVY ORDINANCE
 - B. 2019 PAINTING CONTRACT AWARD
 - C. RESOLUTION OF APPRECIATION IRENE TAYLOR
 - D. RATIFICATION OF INVESTMENTS
 - 1. FIRST INTERNET BANK CD
 - 2. TAB BANK CD
 - E. OPERATIONS REPORT WWTC DATA MANAGEMENT
- VI. EXECUTIVE SESSION PERSONNEL

MINUTES

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, May 21, 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, Trustee Paul W. Coultrap, Administrative Supervisor W. Clay Campbell, Sewer Construction Supervisor Ted Cherwak, Inspector Keith W. Shaffner and Information Coordinator Alyssa J. Caballero.

Minutes of Regular Meeting – April 15, 2019

A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the minutes of the regular meeting held on April 15, 2019 as presented and authorizing the President and Clerk to sign same. The motion carried.

Minutes of Executive Session – April 15, 2019

A motion was made by Trustee Sejnost seconded by Trustee Coultrap approving the minutes of the executive session held on April 15, 2019 as presented and authorizing the President and Clerk to sign same. The motion carried.

Claim Ordinance No. 1877

A motion was made by Trustee Sejnost seconded by Trustee Coultrap adopting Claim Ordinance No. 1877 in the total amount of \$844,090.78 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

<u>Old Business</u> – None

New Business:

Elections and Appointments

The following elections and appointments were made: A motion was made by Trustee Sejnost seconded by Trustee Coultrap nominating Wallace D. Van Buren as President, closing the nominations for President and electing by unanimous consent Wallace D. Van Buren as President. The motion carried. (Votes recorded: Ayes–Sejnost and Coultrap.) A motion was made by Trustee Van Buren seconded by Coultrap nominating Amy S. Sejnost as Vice President, closing the nominations for Vice President and electing by unanimous consent Amy S. Sejnost as Vice President. The motion carried. (Votes recorded: Ayes–Van Buren and Coultrap.) A motion was made by Trustee Sejnost seconded by Trustee Van Buren nominating Paul W. Coultrap as Clerk, closing the nominations for Clerk and electing by unanimous consent Paul W. Coultrap as Clerk. The motion carried. (Votes recorded: Ayes–Van Buren and Sejnost.) A motion was made by Trustee Coultrap seconded by Trustee Sejnost appointing William Clay Campbell as Assistant Clerk. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.) A motion was made by Sejnost seconded by Trustee Coultrap appointing Nicholas J. Menninga as General Manager. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.) A motion

was made by Trustee Coultrap seconded by Trustee Sejnost appointing William Clay Campbell as Treasurer. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.) A motion was made by Trustee Sejnost seconded by Trustee Van Buren appointing Baxter and Woodman, Inc. as engineers for the District sewer system and Wastewater Treatment Center. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.) A motion was made by Trustee Sejnost seconded by Trustee Van Buren appointing Wiedel, Philipp, Indelicato & Olson as attorneys for the District. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.) A motion was made by Trustee Coultrap seconded by Trustee Van Buren appointing Kenneth J. Rathje, Robert T. Jungwirth and Mark J. Scacco as members of the Board of Local Improvements. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Contract Award – Warren Avenue Sewer Rehabilitation

Administrative Supervisor Campbell presented General Manager Menninga's memo regarding the bids received on May 8 for the 2019 Warren Avenue Sanitary Sewer Rehabilitation project. Four bids were received. Staff recommended that the contract be awarded to the lowest responsible, responsive bidder, Insituform Technologies USA, LLC, of Chesterfield, Missouri, in the amount of \$247,058.00. The low bid contained a base bid of \$245,129.00 and an add-on alternate bid (Alternate 1) in the amount of \$1,929.00 for additional scope of work to be completed under the project. A motion was made by Trustee Coultrap seconded by Trustee Sejnost awarding the contract for 2019 Warren Avenue Sanitary Sewer Rehabilitation project including Alternate 1 to the lowest responsible, responsive bidder, Insituform Technologies USA, LLC, of Chesterfield, Missouri in the amount of \$247,058.00 and authorizing the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Contract Approval – Paving

Administrative Supervisor Campbell presented General Manager Menninga's memo regarding the bids received through the DuPage Municipal Partnership Initiative to procure paving services. The bidding was structured so that unit prices were solicited for various paving and repair categories, and estimated quantities from each agency were associated with the unit prices to determine the overall low bidder. Staff recommended that the contract for the District's portion be awarded to the lowest responsible, responsive bidder, Schroeder Asphalt Services, Inc, of Huntley, Illinois, in the amount of \$44,142.00. A motion was made by Trustee Coultrap seconded by Trustee Sejnost awarding the contract for paving services to the lowest responsible, responsive bidder, Schroeder Asphalt Services, Inc, of Huntley, in the amount of \$44,142.00 and authorizing the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes-Van Buren, Sejnost and Coultrap.)

Renewal of BSSRAP Contract

Administrative Supervisor Campbell presented General Manager Menninga's memo regarding a proposed Amendment No. 2 to the Sanitary Service Repairs Agreement with Uno Construction Company, Inc. This contract was awarded in 2017 and allows for an annual extension of the contract for up to a total of five years upon the mutual written consent of the District and the contractor. The contract also provides for annual adjustments to the unit prices based upon the greater of 3.00% or 100.00% of the annual change in the CPI-U from the preceding calendar year. The contractor has requested the annual extension. The annual change in the CPI-U for this year is 1.75%. This year's annual increase in the contractor's unit prices will be 3.0% bringing the contract price for this work to \$1,158,715.00 for the period from July 1, 2019 through June 30, 2020. A motion by Trustee Sejnost seconded by Trustee Coultrap was made approving

Amendment No. 2 to the Sanitary Service Repairs Agreement with Uno Construction Company, Inc. and authorizing the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Recapture Agreement - 217 60th Street Sewer Extension

Sewer Construction Supervisor Cherwak presented a Recapture Agreement between the District and property owners, ArLu Properties Inc. The Agreement is for a sanitary sewer extension on 60th Street between Cumnor Road and Fairview Avenue in Downers Grove. A motion was made by Trustee Coultrap seconded by Trustee Sejnost approving the Recapture Agreement for the sanitary sewer extension on 60th Street between Cumnor Road and Fairview Avenue in Downers Grove and authorizing the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Annexation Ordinance No. AO 2019-02 – 6007 Woodward Ave., Downers Grove

Sewer Construction Supervisor Cherwak presented Annexation Ordinance No. AO 2019-02 for the annexation of one lot located at 6007 Woodward Ave., Downers Grove. A motion was made by Trustee Coultrap seconded by Trustee Sejnost accepting the Petition for Annexation, adopting Annexation Ordinance No. AO 2019-02 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Sejnost and Coultrap.)

Annexation Ordinance No. AO 2019-03 – 5701 Walnut Ave., Downers Grove

Sewer Construction Supervisor Cherwak presented Annexation Ordinance No. AO 2019-03 for the annexation of one lot located at 5701 Walnut Ave., Downers Grove. A motion was made by Trustee Sejnost seconded by Trustee Coultrap accepting the Petition for Annexation, adopting Annexation Ordinance No. AO 2019-03 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 inquired if the building and grounds summer position has been filled. He commended staff for their work on the online health insurance enrollment form. He also commended maintenance staff for their work to replace the hypochlorite feed piping noted in Maintenance Supervisor Barta's report. Lastly, Trustee Van Buren inquired about the heavy rain event during the week of April 28th and the recent DuPage River Sweep event the District hosted.

Trustee Coultrap commended maintenance staff for their work to replace the hypochlorite feed piping noted in Maintenance Supervisor Barta's report. He also inquired about the building and grounds summer position and the recent employee bowling function. He commended staff for their work on the online health insurance enrollment form for employees. Lastly, he congratulated the District for participating in the recent DuPage River Sweep event.

Trustee Sejnost commended maintenance staff for their work to replace the hypochlorite feed piping. She congratulated the District for participating in the recent DuPage River Sweep event and commended staff for their hard work during the heavy rain event at the end of April. Lastly, she commented on the WWTC's net energy usage during April noted in Operation Supervisor Majewski's monthly report.

A motion was made by Trustee Coultrap seconded meeting at 7:48 p.m. The motion carried.	by Trustee Sejnost to adjourn the regular
Approved: June 18, 2019	
	President
Attest:	
CIECK	

Downers Grove, Illinois

Date: June 18, 2019

Claim Ordinance No. 1878

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 **\$666,521.28** being in words and figures as follows:

DATE 05/16/19 PERIOD END 05/15/19 PAGE 4

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		21600.03-
01-00.2000	FEDERAL TAX WITHHELD		3602.83-
01-00.2001	STATE TAX WITHHELD		1573.48-
01-00.2002	SOCIAL SECURITY WITHHELD		2722.80-
01-00.2003	IMRF WITHHELD		1601.65-
01-00.2013	CREDIT UNION WITHHELD		800.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1932.39-
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC		300.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		100.00-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		359.89-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		198.03-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		1050.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A003	GENERAL MANAGEMENT	8625.78	
01-11.A004	FINANCIAL RECORDS	469.22	
01-11.A005	ADMINISTRATIVE RECORDS	253.17	
01-11.A007	CODE ENFORCEMENT	9240.29	
01-12.A009	OPERATIONS MANAGEMENT	3988.42	
01-12.A011	MAINTENANCE - WWTC	4039.38	
01-12.A014	MAINTENANCE - ELECTRICAL	279.98	
01-12.A021	WWTC - OPERATIONS	2342.99	
01-12.A023	WWTC - ENERGY RECOVERY	84.40	
01-12.A030	BUILDING AND GROUNDS	152.81	
01-13.A009	OPERATIONS MANAGEMENT	2258.18	
01-13.A041	LAB - WWTC	1614.32	
01-13.A042	LAB - PRETREATMENT	2009.81	
01-15.A009	OPERATIONS MANAGEMENT	127.16	
01-15.A080	LIFT STATION MAINTENANCE	432.25	

35918.16 35918.16-

Payroll Ending Date: 05/15/19
Payroll Paid Date: 05/17/19
GL Date: 06/30/19

DATE 05/23/19 PERIOD END 05/18/19 PAGE 5

Payroll Ending Date: 05/18/19
Payroll Paid Date: 05/24/19
GL Date: 06/30/19

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		50255.96-
01-00.2000	FEDERAL TAX WITHHELD		8348.22-
01-00.2001	STATE TAX WITHHELD		3532.17-
01-00.2002	SOCIAL SECURITY WITHHELD		5757.00-
01-00.2003	IMRF WITHHELD		3447.90-
01-00.2013	CREDIT UNION WITHHELD		1061.31-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		2400.30-
01-00.2017	VOLUNTARY GROUP LIFE		16.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		345.50-
01-00.2022	FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE		36.00-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		1040.70-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		285.40-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		40.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		110.51-
01-11.A003	GENERAL MANAGEMENT	742.95	
01-11.A004	FINANCIAL RECORDS	9265.87	
01-11.A005	ADMINISTRATIVE RECORDS	1327.52	
01-11.A007	CODE ENFORCEMENT	6573.48	
01-12.A011	MAINTENANCE - WWTC	12914.29	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	659.98	
01-12.A014	MAINTENANCE - ELECTRICAL	2385.87	
01-12.A021	WWTC - OPERATIONS	11935.87	
01-12.A022	WWTC - SLUDGE HANDLING	7327.29	
01-12.A023	WWTC - ENERGY RECOVERY	286.86	
01-12.A030	BUILDING AND GROUNDS	584.51	
01-13.A041	LAB - WWTC	4979.20	
01-13.A042	LAB - PRETREATMENT	7.25	
01-13.A048	LAB - ENERGY RECOVERY	200.43	
01-14.A051	SEWER MAINTENANCE	5584.67	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	554.71	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	833.49	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	473.65	
01-14.A064	INSPECTION - MISCELLANEOUS	906.00	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	4526.24	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2197.05	
01-14.A072	SEWER INVESTIGATIONS	165.15	
01-15.A080	LIFT STATION MAINTENANCE	2244.64	

76676.97 76676.97-

DATE 06/03/19 PERIOD END 05/31/19 PAGE 4

Payroll Ending Date: 05/31/19

Payroll Paid Date: 06/04/19 GL Date: 06/30/19

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		19879.89-
01-00.2000	FEDERAL TAX WITHHELD		3168.31-
01-00.2001	STATE TAX WITHHELD		1444.25-
01-00.2002	SOCIAL SECURITY WITHHELD		2513.69-
01-00.2003	IMRF WITHHELD		1478.63-
01-00.2013	CREDIT UNION WITHHELD		800.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1753.63-
01-00.2017	VOLUNTARY GROUP LIFE		80.00-
01-00.2020	DEFERRED COMPENSATION WITHHELD - ICMARC		300.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		62.91-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		359.89-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		198.03-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		1050.00-
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD		77.06-
01-11.A003	GENERAL MANAGEMENT	10044.74	
01-11.A004	FINANCIAL RECORDS	603.02	
01-11.A005	ADMINISTRATIVE RECORDS	41.10	
01-11.A007	CODE ENFORCEMENT	9385.49	
01-11.A030	BUILDING AND GROUNDS	120.23	
01-12.A009	OPERATIONS MANAGEMENT	3750.77	
01-12.A011	MAINTENANCE - WWTC	3287.05	
01-12.A014	MAINTENANCE - ELECTRICAL	287.99	
01-12.A021	WWTC - OPERATIONS	764.75	
01-12.A023	WWTC - ENERGY RECOVERY	73.08	
01-12.A030	BUILDING AND GROUNDS	167.77	
01-13.A009	OPERATIONS MANAGEMENT	3711.20	
01-13.A041	LAB - WWTC	40.21	
01-13.A048	LAB - ENERGY RECOVERY	121.09	
01-15.A009	OPERATIONS MANAGEMENT	647.58	
01-15.A030	BUILDING AND GROUNDS	120.22	
		33166.29	33166.29-

DEBIT

79162.68

79162.68-

CREDIT

DATE 06/06/19 PERIOD END 06/01/19 PAGE 5

COST DESCRIPTION

G/L NUMBER

______ 01-00.1001 CASH - PAYROLL ACCOUNT 51391.11-01-00.2000 FEDERAL TAX WITHHELD 8831.46-01-00.2001 STATE TAX WITHHELD 3639.12-SOCIAL SECURITY WITHHELD 01-00.2002 5931.30-01-00.2003 IMRF WITHHELD 3565.72-01-00.2013 CREDIT UNION WITHHELD 1061.31-01-00.2014 VOLUNTARY ADDITIONAL PENSION CONTRIBUTION 2453.55-01-00.2017 VOLUNTARY GROUP LIFE 224.00-01-00.2021 FLEXIBLE ACCOUNT WITHHELD - MEDICAL 396.25-01-00.2022 FLEXIBLE ACCOUNT WITHHELD - DEPENDENT CARE 192.25-01-00.2024 FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION 1040.70-01-00.2025 EMPLOYEE INS PREM CONTRIBUTION - POST TAX 285.40-01-00.2027 DEFERRED COMPENSATION WITHHELD - IPPFA ROTH 40.00-01-00.2028 DC PLAN LOAN REPAYMENT WITHHELD 110.51-01-11.A003 GENERAL MANAGEMENT 814.86 9018.95 01-11.A004 FINANCIAL RECORDS 01-11.A005 ADMINISTRATIVE RECORDS 757.79 01-11.A007 CODE ENFORCEMENT 7230.58 01-12.A011 MAINTENANCE - WWTC 13072.08 01-12.A012 MAINTENANCE - VEHICLES 128.72 MAINTENANCE - ENERGY RECOVERY 01-12.A013 470.22 01-12.A014 MAINTENANCE - ELECTRICAL 2366.78 01-12.A021 WWTC - OPERATIONS 14246.44 01-12.A022 WWTC - SLUDGE HANDLING 6342.63 01-12.A023 WWTC - ENERGY RECOVERY 270.02 01-12.A030 BUILDING AND GROUNDS 3176.92 01-13.A041 LAB - WWTC 5518.57 LAB - PRETREATMENT 01-13.A042 32.69 237.76 01-13.A048 LAB - ENERGY RECOVERY 01-14.A051 SEWER MAINTENANCE 7312.25 01-14.A054 SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS 395.13 01-14.A062 INSPECTION - CONSTRUCTION OF DGSD PROJECTS 1123.78 01-14.A063 INSPECTION - PERMIT INSPECTIONS 484.32 01-14.A064 INSPECTION - MISCELLANEOUS 1457.57 01-14.A065 INSPECTION - CONSTR BY VILLAGES, UTILITIES 2880 61 01-14.A066 INSPECTION - CODE ENFORCEMENT 702.13 01-15.A080 LIFT STATION MAINTENANCE 1121.88

Payroll Ending Date: 06/01/19 Payroll Paid Date: 06/07/19 GL Date: 06/30/19

====== VENDOR ======	======	===== IN	NOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
ADVANCED DISPOSAL	A000153	05/31/19	T80002295430	01-12.B102	Garbage & Recycle PU	290.72	290.72	061562
ALEXANDER CHEMICAL CORPORATION	A000200	05/23/19	SLS10080639	01-12.B401	Hypochlorite Solution	3308.76		
		05/31/19	SLS10080996	01-12.B401	Hypochlorite Solution	3280.91	6589.67	101347
SYNCHB/AMAZON	A000295	05/29/19	433393649367	01-11.B112	Phone Case	35.77		
		05/31/19	435459886559	01-12.B117	WS Outerwear	59.66		
		05/16/19	445648995366	01-11.B116	Admin Supplies	25.48		
		05/13/19	466593444388	01-12.B116	Ops Supplies	49.77		
		05/31/19	498643336634	01-12.B117	WS Outerwear	49.95		
		05/09/19	633663547456	01-12.B507	Schneider Electric Switch	219.98		
		05/31/19	658346663598	01-11.B118	Filing Cabinet	123.99		
		05/31/19	679468783888	01-11.B116	Admin Supplies	16.38		
		06/06/19	855933437946	01-14.B112	Bluetooth Headset	57.99		
		05/31/19	896988634733	01-12.B513	Admin Center SCADA	119.95	758.92	061563
AMERICAN NATIONAL SKYLINE	A000320	05/22/19	275920	01-11.B118	Window Cleaning	61.00	61.00	101348
SIAMAK AZARNIA	A000700	05/22/19	Reimburse	01-12.B117	Boot Reimbursement	159.98	159.98	061564
BAXTER & WOODMAN, INC.	B000120	05/17/19	0206113	01-14.B903	Outfall Sewer Sag Repair	640.00		
		05/17/19	0206114	01-12.B508	WWTC WAS Thickener	4920.86		
		05/17/19	0206115	01-14.B903	Warren Ave Sewer Rehab	3936.06		
		05/20/19	0206293	01-11.B124	Misc Engineer Services	4233.75	13730.67	101349
EDWARD F BEDNAR	B000125	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061565
ALEX BIELAWA	В000196	06/13/19	Reimburse	01-11.B112	Phone Case	89.99	89.99	101350
BLACKSTONE LABORATORIES	B000253	05/15/19	105512	01-12.B113	Oil Sample CHP	53.00	53.00	061566
BOX INC.	B000315	05/22/19	06753277	01-11.B115	License Renewal	1800.00	1800.00	101351
DONALD E BROWN	в000375	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061567
CALLONE	C000073	06/15/19	1139811	01-11.B112	Admin Phone Service	559.27		
		06/15/19	1139811	01-12.B112	WWTC Phone Service	302.14	861.41	061568
WILLIAM C CAMPBELL	C000075	05/31/19	Seminar	01-11.B117	Seminar CS To Attend	199.00	199.00	101352
MARISELA CASTANEDA	C000092	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061569
CHICAGO METROPOLITAN FIRE	C000240	05/31/19	00307659	01-12.B113	Fire Alarm Service Test	266.00	266.00	061570
CINTAS #344	C000300	05/17/19	344178153	01-12.B117	WWTC Uniform Rentals	32.80		
		05/17/19	344178153	01-14.B117	SS Uniform Rentals	12.18		
		05/24/19	344181544	01-12.B117	WWTC Uniform Rentals	32.80		
		05/24/19	344181544	01-14.B117	SS Uniform Rentals	12.18		
		05/31/19	344185101	01-12.B117	WWTC Uniform Rentals	32.80		
		05/31/19	344185101	01-14.B117	SS Uniform Rentals	12.18		
		06/07/19	344188450	01-12.B117	WWTC Uniform Rental	32.80		
		06/07/19	344188450	01-14.B117	SS Uniform Rental	12.18		
		06/14/19	344191877	01-12.B117	WWTC Uniform Rental	32.80		
		06/14/19	344191877	01-14.B117	SS Uniform Rental	12.18	224.90	061571
CINTAS FIRST AID & SAFETY	C000320	06/10/19	5013942332	01-11.B116	First Aid Supplies	89.45		
		06/10/19	5013942332	01-12.B113	First Aid Supplies	186.38	275.83	061572
LITTLE FRIENDS, INC	C000371		201927956		WWTC T-Shirts	322.17		
		05/31/19	201927956		Lab T-Shirts	74.42		
			201927956		SS T-Shirts	40.66	437.25	061632
COMCAST	C000373	06/03/19	1200550568	01-11.B112	Internet Service	146.85	146.85	061573



NAME	NUMBER	DATE	NUMBER	C/T MIIMDED	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
NAME	NUMBER	DATE	NUMBER	G/L NOMBER	EAFENSE DESCRIPTION	EAPENSE	CHECK AMI	CHECK N
		05/14/19	0068029014	01-15.B100	Centex LS Elec	139.34		
		05/14/19	0120089072	01-15.B100	Wroble LS Elec	834.38		
		05/15/19	0458029046	01-15.B100	Liberty Park LS Elec	619.91		
		05/22/19	0562080004	01-15.B100	Venard LS Elec	790.36		
		05/15/19	1095091170	01-15.B100	Northwest LS Elec	2182.30		
		05/30/19	1108062005	01-11.B100	Admin Elec	527.02		
		05/30/19	1108062005	01-12.B100	WWTC Elec	3963.51		
		05/15/19	1810068039	01-15.B100	Earlston LS Elec	491.99		
		05/14/19	3240038012	01-15.B100	Butterfield LS Elec	159.28		
		05/15/19	4657083017	01-15.B100	Hobson LS Elec	4081.24		
		05/23/19	6770572011	01-00.2005	Uno Elec Use	33.41-		
		05/23/19	6770572011	01-12.B100	Walnut House Elec	92.12		
		05/23/19	8762083052	01-12.B100	Big Top Elec	67.58	14629.35	061574
G COOPER OIL COMPANY INC.	C000470	06/03/19	31851	01-12.B116	R&O Oil	514.06	514.06	061575
CRITICAL TECHNOLOGY SOLUTIONS,	C000565	05/28/19	3158686	01-11.B115	Camera Repair	172.50		
		05/28/19	3158686	01-12.B513	Camera Repair	172.50	345.00	101353
D&S SALES, INC	D000025	06/05/19	25602	01-14.C225	SS Vehicle Parts	456.14	456.14	061576
DELTA INDUSTRIES, INC.	D000210	05/31/19	153389	01-12.B513	Kaeser Compressor Leak Ck	408.50	408.50	101354
DELTA SONIC	D000220	05/24/19	9905676	01-12.C225	WWTC Vehicle Washes	15.00		
		05/24/19	9905676	01-14.C225	SS Vehicle Washes	7.50	22.50	061577
JILLAGE OF DOWNERS GROVE	D000480	05/15/19	148821	01-11.B121	Meter Reads	413.32	413.32	061578
DRYDON EQUIPMENT INC.	D000540	05/13/19	25619	01-12.B502	Hypofeed Pump 1&2 Part	408.00	408.00	101355
DUPAGE COUNTY RECORDER	D000620	05/02/19	40032651	01-11.B124	Construction Docs	176.00		
		05/02/19	40032651	01-14.B901	I/I Docs	44.00		
		05/02/19	40032651	01-14.B910	BSSRAP Docs	352.00	572.00	061579
EJ EQUIPMENT, INC.	E000030	05/28/19	P17847	01-14.B115	SS Equipment Part	473.00	473.00	061580
ENERGY CHOICE, INC	E000220	06/06/19	INV06017	01-12.B513	CHP Part	716.28	716.28	061581
CHARLOTTE EVANS	E000350	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	289.10	289.10	061582
EYE MED VISION CARE	E000600	06/01/19	163911215	01-17.E455	Vision Insurance	431.23	431.23	061583
FASTENAL COMPANY	F000060	05/15/19	ILWES68819	01-12.B512	Maint Repair Supplies	144.84		
		05/16/19	ILWES68863	01-12.B505	Exc Pumps 10-12 Parts	81.88		
		05/17/19	ILWES68900	01-12.B512	Maint Repair Supplies	8.10		
		05/22/19	ILWES69017	01-12.B512	MSB Supplies	70.96		
		05/30/19	ILWES69148	01-12.B512	MSB Supplies	12.58		
		06/10/19	ILWES69427	01-12.B512	Maint Repair Supplies	7.90	326.26	101356
FIRST ADVANTAGE	F000130	05/31/19	2502231905	01-11.B117	Drug Screening	28.56	28.56	061584
FIRST ENVIRONMENTAL LAB	F000140	05/17/19	147957	01-13.B123	May Biosolids	229.20		
		05/23/19	148065	01-13.B123	Sulfate Samples	14.40	243.60	101357
RICHARD FLOR	F000185	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	220.13	220.13	061585
KRISTIN L GANNAWAY	G000125	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061586
GEORGE'S LANDSCAPING	G000260	05/31/19	Mowing	01-11.B118	Admin Center Mowing	487.25		
		05/31/19	Mowing	01-12.B812	WWTC Mowing	3098.05		
		05/31/19	Mowing	01-15.B820	Butterfield LS Mowing	155.50		
		05/31/19	Mowing	01-15.B821	Centex LS Mowing	155.50		
		05/31/19	Mowing	01-15.B823	Earlston LS Mowing	155.50		
		05/31/19	Mowina	01-15.B824	Hobson LS Mowing	155.50		



NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
		05/31/19	Mowing	01-15.B825	Liberty Park LS Mowing	155.50		
		05/31/19	Mowing	01-15.B826	Northwest LS Mowing	155.50		
		05/31/19	Mowing	01-15.B827	Venard LS Mowing	155.50		
		05/31/19	Mowing	01-15.B828	Wroble LS Mowing	155.50	4829.30	101358
EVERE ELECTRIC	G000410	05/13/19	S3863504.001	01-12.B513	Yrd Piping Elc-003 Dischg	947.28		
		05/14/19	S3863504.002	01-12.B513	Yrd Piping Elc-003 Dischg	1945.69		
		05/14/19	S3863504.003		Yrd Piping Elc-003 Dischg	12.77		
		05/22/19	S3863504.004		Yrd Piping Elc-003 Dischg			
			S3863504.005		Yrd Piping Elc-003 Dischg	153.70		
			S3863504.006		Yrd Piping Elc-Return Pts	311.60-	2883.84	06158
. W. GRAINGER, INC.	G000520		9175316661	01-12.B812		48.61		
σιαιπισμική πιστ	0000320		9176230549	01-12.B117		114.38		
			9176977404	01-12.B117		59.34		
			9178120375	01-12.B110		1.97		
			9178120383	01-12.B503		210.14		
			9179700175	01-12.B312 01-12.B116		119.72		
			9181040727	01-12.B110 01-12.B512		8.20		
			9182344326	01-12.B312 01-13.B116		141.71		
			9183699694					
				01-12.B116		83.11		
			9185008365	01-12.B512		64.50		
			9186014727	01-12.B510		65.67		
			9186698370	01-14.B115		86.40		
			9188739024	01-13.B116		888.39		
			9189622757	01-12.B113		37.61		
			9190435082	01-12.B512		125.26		
		05/30/19	9191102632	01-12.B513	See Sheet	94.12		
		06/04/19	9194760188	01-12.B812	See Sheet	42.00		
		06/07/19	9198790520	01-12.B512	See Sheet	20.42		
		06/07/19	9198841695	01-13.B116	See Sheet	179.81		
		06/11/19	9201413888	01-12.B507	See Sheet	102.70		
		06/12/19	9202774924	01-12.B113	See Sheet	1217.79	3711.85	10135
REAT LAKES DISTRIBUTING	G000541	05/30/19	201073	01-12.B116	MSB Pressure Washer Part	138.21	138.21	06158
IANE C GREENWOOD	G000550	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	06158
ACH COMPANY	Н000040	05/22/19	11477871	01-13.B114	Lab Chemicals	1081.34		
		06/03/19	11492300	01-14.B115	Logger Hndle/Battery Covr	273.58	1354.92	10136
ARBOR FREIGHT TOOLS	н000060	05/10/19	883105	01-14.B115	SS Supplies	79.99		
		05/23/19	884446	01-12.B509	Ops Supplies	227.34		
		05/30/19	884996	01-12.B507	Sec 4 Catwalk Part	117.98		
		06/04/19	885442	01-12.B507	Sec 4 Catwalk Parts	69.10	494.41	06159
OHN E HAVRILLA	Н000175	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	06159
OME DEPOT	н000400	05/23/19	0360859	01-12.B116	See Sheet	23.92		
		06/11/19	1020240	01-12.B810	See Sheet	67.92		
		05/22/19	1030989	01-12.B116	See Sheet	21.42		
		06/10/19		01-12.B811		24.98		
		05/31/19		01-12.B513		83.33		
			2061716	01-11.B118		141.77		



		D.3.000		C/T NUMBER	TUDENIAL DEGARIDATION	BUDBUGB	GUDGU AME	arrear M
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK N
		05/30/19	3020869	01-12.B811	See Sheet	390.76		
		05/29/19	4031433	01-12.B810	See Sheet	28.47		
		05/17/19	6010776	01-12.B513	See Sheet	169.21		
		05/16/19	7015012	01-12.B116	See Sheet	49.05		
		06/05/19	7021784	01-12.B513	See Sheet	24.48		
		05/15/19	8010541	01-12.B512	See Sheet	6.97		
		06/04/19	8031867	01-12.B116	See Sheet	64.91		
		06/03/19	9021478	01-12.B811	See Sheet	44.93	1142.12	061592
HYDROAIRE SERVICE INC.	н000580	05/28/19	17269	01-15.B523	Earlston Pump 3	5367.00	5367.00	061593
IMPACT NETWORKING INC.	I000400	05/20/19	1440084	01-11.B115	Copies	58.55		
		06/07/19	1460785	01-11.B116	Paper Order	91.47	150.02	061594
INFOSEND, INC.	1000415	05/31/19	154586	01-11.B121	Cust Bill Mail w/Inserts	4340.79		
		06/11/19	155292	01-11.B121	Envelopes For Newsletter	1827.50	6168.29	101361
KANSAS CITY LIFE INSURANCE CO	K000045	06/01/19	14887	01-17.E455	Life Insurance	396.75	396.75	101362
ADRIENNE KASPER	К000055	06/07/19	Reimburse	01-11.B115	Check Scanner	541.14	541.14	061595
LAUTERBACH & AMEN, LLP	L000070	06/06/19	37217	01-11.B124	Audit Services	12000.00	12000.00	101363
LOU'S GLOVES	L000300	05/23/19	028652	01-12.B113	Gloves	84.00	84.00	061596
DAVID LUPO	L000540	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061597
MBM SERVICES INC.	M000010	06/01/19	31500	01-11.B118	Admin Cleaning Service	350.00	350.00	101364
4 & O INSULATION CO.	M000015	05/16/19	121335	01-12.B513	CHP Generator Covers	1978.00	1978.00	061598
MAILFINANCE	M000106	05/23/19	N7741693	01-11.B115	Postage Meter Lease	432.81	432.81	101365
MARCOTT ENTERPRISES, INC.	M000115	06/04/19	18409	01-12.B509	Sand Delivery	797.04	797.04	101366
MCMASTER-CARR SUPPLY COMPANY	M000360	05/16/19	95117822	01-12.B510	Dig 1 & 2 Part	30.56		
		05/22/19	95608288		Dig 4 & 5 Parts	111.55		
		05/22/19	95614021	01-12.B513	CHP 1 Part	49.16		
		06/04/19	96683813	01-12.B507	Sec 4 Catwalk Repair	78.38	269.65	101367
MENARDS - BOLINGBROOK	M000430	05/22/19	35080340	01-12.B513	Soda Ash Bldg Vent Fan	67.99	67.99	061599
MICRO CENTER	M000550	06/03/19	4753132	01-12.B112	Phone Case	14.99	14.99	101368
GARY E MITAS	M000647	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061600
MORROW BROTHERS FORD, INC.	M000700		Inspt Truck	01-14.C226	Inspection Truck Purchase	25675.00	25675.00	061633
NCPERS GROUP LIFE INSURANCE	N000010		3266062019		Vol Life Insurance	320.00	320.00	061601
NALCO WATER PRETREATMENT	N000030		2341543		Lab Supplies	145.65	145.65	101369
NAPCO STEEL, INC.	N000050	06/05/19			Secondary 4 Catwalk	557.70	557.70	101370
VICOR GAS	N000330	05/15/19			Walnut House Gas	76.04		
		05/15/19			Admin Center Gas	106.31		
		05/15/19		01-12.B101		191.68		
		05/14/19		01-12.B101		122.70	496.73	061602
NISSEN ENERGY INC	N000350	06/07/19		01-12.B513		1460.00	1460.00	101371
NOVAK BUSINESS FORMS, INC.	N000700	05/31/19		01-11.B120		320.55	320.55	061603
PACE ANALYTICAL	P000010		1940066664		May NPDES Testing	100.00	100.00	101372
PALMER JOHNSON POWER	P000040	05/10/19			Wildcat Screener Part	63.28	63.28	061604
ANTHONY J PASSANANTE	P000080	06/18/19		01-00.2007		230.49	230.49	061605
CHRISTIAN O PETERSEN	P000335	06/18/19			Spec Assessment Rebate	230.49	230.49	061606
PETTY CASH	P000353		Cash Box		Office Supplies	13.45	250.47	301000
	100000		Cash Box	01-11.B110		82.84		
		00/10/19	CODII DOV	^T TT.DTT/	DAMETATBOT TIGHTOH	02.04		

NAME	MIMDED	Dame	MIMPED	C/I NUMBER	EVDENGE DEGGDIDETON	EVDENCE	CHECK AME	GUDGE NO
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		06/18/19	Cash Box	01-12.B116	MSB Supplies	7.96		
		06/18/19	Cash Box	01-12.C225	Safety Lane Checks	74.50		
		06/18/19	Cash Box	01-13.B116	Lab Supplies	17.08	225.66	061607
PHENOVA	P000360	06/07/19	150403	01-13.B114	Lab Chemicals	467.76	467.76	101373
PIRTEK O'HARE	P000380	05/13/19	S2932122.001	01-14.B115	SS Supplies	61.74	61.74	061608
POLYDYNE INC.	P000395	05/31/19	1356930	01-12.B402	Belt Press Polymer	2142.54		
		06/13/19	1360920	01-12.B402	Belt Press Polymer	2142.54	4285.08	101374
PORTER PIPE AND SUPPLY CO.	P000420	05/15/19	11903124-00	01-12.B505	Exc Flow Pumps 10-12 Part	700.54		
		06/12/19	11914726-00	01-12.B810	Dig 3 Cntrl Bld Eff Pipg	55.45	755.99	101375
PRINCIPAL LIFE INSURANCE CO	P000650	05/18/19	1093099	01-17.E455	Dental Insurance	2484.57	2484.57	101376
RAINBOW ELECTRIC CO.	R000070	06/06/19	MSINV2337	01-12.B506	Prim Slg Grinder 1 Fan	61.86	61.86	101377
RED WING SHOE STORE	R000180	05/29/19	45-1-69422	01-11.B117	AB Boots	135.99		
		06/03/19	45-1-69728	01-14.B117	DC Boots	123.24		
		06/03/19	45-1-69736	01-14.B117	DC Boot Tuff Toe	31.99		
		06/03/19	45-1-69737	01-14.B117	AH Boots	174.24	465.46	101378
RENTAL MAX L.L.C.	R000250	05/15/19	354865-5	01-12.B116	MSB Supplies	32.99	32.99	061609
GEORGE T RICKER JR	R000280	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061610
ROWELL CHEMICAL CORPORATION	R000400	05/31/19	1317847	01-12.B401	Sodium Bisulfite	5245.94	5245.94	061611
ROYAL GRAPHICS	R000500	05/14/19	95936	01-11.B120	Newsletter Inserts	789.00		
		05/14/19	95945	01-11.B120	Newsletter & Bio Insert	3524.00	4313.00	061612
SAFETY-KLEEN SYSTEMS, INC.	S000050	05/17/19	79827804	01-12.B116	MSB Supplies	285.64	285.64	101379
CARL SCHUMACHER	S000075	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49		
		06/18/19	Rebate 2	01-00.2007	Spec Assessment Rebate	230.49	460.98	061613
SEAWAY SUPPLY CO.	S000200	05/22/19	144735	01-12.B116	MSB Supplies	189.51		
		05/23/19	144735-01	01-12.B116	MSB Supplies	48.00		
		06/11/19	145273	01-12.B116	MSB Supplies	557.72	795.23	101380
SELECTIVE INSURANCE COMPANY	S000210	05/31/19	417-147-515	01-17.E452	Com Package & WC Policy	171525.00	171525.00	061614
SEYFARTH SHAW	S000280	05/29/19	3262392	01-11.B124	Legal Services	335.00	335.00	101381
SHERWIN-WILLIAMS CO.	S000320	05/15/19	7708-7	01-12.B510	Dig 1 & 2 Paint	261.67		
		06/07/19	9371-2	01-12.B513	CHP Heat Recov Piping	325.84	587.51	101382
SLAWOMIR SOJA	S000447	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061615
SOUND INCORPORATED	S000480	05/15/19	D1338244	01-11.B115	Phone Line Repairs	206.00		
		05/15/19	D1338244	01-12.B513	Phone Line Repairs	206.00	412.00	101383
SPRING GREEN LAWN CARE	S000550	05/30/19	6072035	01-15.B820	Butterfield LS Treatment	34.00	34.00	061616
STAPLES INC.	S000640	06/01/19	8054564152	01-11.B116	Admin Office Supplies	470.15	470.15	061617
STEPHENS PLUMBING AND	S000680	05/30/19	2100514	01-14.B910	Sewer Pipe Repair	377.75		
		05/21/19	210168	01-14.B910	Shear Repair	551.85	929.60	061618
SUBURBAN LIFE PUBLICATIONS	S000867	05/31/19	10071278	01-11.B124	Legal Publications	177.88	177.88	061619
ROBERT SWIRSKY	S000895	05/22/19	Reimburse	01-14.B117	Travel Reimb CSWEA Meetng	1043.08	1043.08	101384
FECH 3 SOLUTIONS INC.	T000096	05/16/19	19-874	01-12.B513	Ventilation Fan CHP 1	690.99		
		05/23/19	19-876	01-12.B513	Freight For Parts	230.60	921.59	061620
TERRACE SUPPLY COMPANY	T000250	05/31/19	01000244	01-12.B116	Cylinder Rentals	52.70		
		05/17/19	70441323	01-12.B116	Propane Cylinder	48.95	101.65	101385
TRANSCHICAGO TRUCK GROUP	T000420	05/23/19	2116284	01-14.C225	SS Truck Parts	176.16		
		05/23/19	2116347	01-14.C225	SS Truck Parts	245.51		
		05/23/19	CM2116284	01-14.C225	Returned Parts	176.16-	245.51	061621



NAME	MIMPED	DAME	MIMDED	C/I NUMBER	EVDENGE DEGGDIDETON	DADDMCD	CHECK ASS	GUDGE NO
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
TRI-K, INC.	T000535	05/14/19	109286	01-12.B103	Odor Control	871.10	871.10	101386
USABLUEBOOK	U000150	05/23/19	902441	01-15.B527	Venard LS Valve Box Key	102.86		
		05/21/19	902558	01-13.B116	Lab Supplies	609.12		
		06/07/19	917990	01-13.B114	Lab Chemicals	192.53	904.51	061622
UNITED PARCEL SERVICE	U000300	05/18/19	3Y0091209	01-13.B123	Overnight Sample Ship	15.57	15.57	061623
UNIVAR USA INC	U000350	05/17/19	CH073145	01-12.B403	Hypochlorite	3855.78	3855.78	061624
UNO CONSTRUCTION CO., INC.	U000450	05/31/19	11	01-14.B910	BSSRAP Projects	26008.53	26008.53	101387
VWR INTERNATIONAL INC.	V000030	05/21/19	8086337670	01-13.B114	Lab Chemicals	401.56	401.56	061625
CHRISTINE M VALLRUGO	V000050	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	230.49	230.49	061626
VERIZON WIRELESS	V000135	06/01/19	542042956	01-12.B112	WWTC Tablet Service	118.05		
		06/01/19	542042956	01-14.B112	SS Tablet Service	103.28		
		06/01/19	542042956	01-15.B112	LS Tablet Service	36.01		
		05/28/19	785846626	01-11.B112	Admin Cell Service	173.51		
		05/28/19	785846626	01-12.B112	WWTC Cell Service	1179.70		
		05/28/19	785846626	01-14.B112	SS Cell Service	666.01		
		05/28/19	785846626	01-15.B112	LS Cell Service	267.48	2544.04	061627
WAGNER COMMUNICATIONS, INC	W000070	06/01/19	190600358	01-11.B112	Answering Service	289.46	289.46	101388
WATER ENVIRONMENT FEDERATION	W000180	06/11/19	Membership	01-11.B117	AB Membership	64.00	64.00	061628
WESTFAX	W000350	05/31/19	1341533	01-11.B112	EFax Service	8.99	8.99	101389
VILLAGE OF WESTMONT	W000450	06/07/19	715604	01-11.B121	Meter Readings	370.01	370.01	061629
WIEDEL, PHILIPP, INDELICATO &	OW000551	06/06/19	786	01-11.B124	Legal Services	30.00	30.00	061630
WALTER R YOUNG	Y000150	06/18/19	Rebate	01-00.2007	Spec Assessment Rebate	202.87	202.87	061631
						=======	=======	
					Total Payments:	354041.12	354041.12	
					ACH Payments Total:	96049.55	.00	
				Ch	neck Payments Total:	257991.57	354041.12	



====== VENDOR ======		===== 1N	VOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK 1
AT&T	A000075	05/24/19	081267687505	01-11.B112	DSL Service 2 Months	189.34	189.34	101329
CHASE	в000050	05/20/19	SPR 05/15/19	01-00.2000	Fed Tax	3602.83		
		05/20/19	SPR 05/15/19	01-00.2002	Empl Soc Sec Tax	2722.80		
		05/20/19	SPR 05/15/19	01-17.E461	Emplr Soc Sec Tax	2722.78	9048.41	10131
HASE	в000050	05/28/19	PR 05/18/19	01-00.2000	Fed Tax	8348.22		
		05/28/19	PR 05/18/19	01-00.2002	Empl Soc Sec Tax	5757.00		
		05/28/19	PR 05/18/19	01-17.E461	Emplr Soc Sec Tax	5756.98	19862.20	10132
HASE	в000050	06/07/19	SPR 05/31/19	01-00.2000	Fed Tax	3168.31		
		06/07/19	SPR 05/31/19	01-00.2002	Empl Soc Sec Tax	2513.69		
		06/07/19	SPR 05/31/19	01-17.E461	Emplr Soc Sec Tax	2513.66	8195.66	10133
HASE	в000050	06/10/19	PR 06/07/19	01-00.2000	Fed Tax	8831.46		
		06/10/19	PR 06/07/19	01-00.2002	Empl Soc Sec Tax	5931.30		
		06/10/19	PR 06/07/19	01-17.E461	Emplr Soc Sec Tax	5931.32	20694.08	10133
ACMUNNIS, INC.	C000379	06/10/19	DCB547	01-15.B826	2017 Real Est Tax - ComEd	134.41	134.41	10134
.G. SANIT DIST #XXXXXXXXXX1117		06/19/19	Reimburse	01-00.1001	Payroll Acct Reimburse	143126.99	143126.99	10134
.G. SANIT DIST #XXXXXXXXXX1114		06/19/19	Refunds	01-05.3001	User Refund Account Reimb	1964.95	1964.95	10134
.G. SANIT DIST #XXXXXXXXXX1112		06/19/19	Reimburse	01-00.2005	Soda For Machine	127.50	1,01.,5	1010
.o. diwii bidi #mmmmmiiiz	. 2000110	06/19/19	Reimburse	01-12.B116	Plant Supplies	99.95		
		06/19/19	Reimburse	01-14.B910	BSSRAP Rodding Refunds	1356.50		
		06/19/19	Reimburse	01-17.E452	Notary Stamps SA & ST	119.98	1703.93	10134
JPAGE CREDIT UNION	D000650	05/17/19	SPR 05/15/19	01-00.2013		800.00	800.00	10134
					Empl Authorized W/Holding			
JPAGE CREDIT UNION	D000650	05/24/19	PR 05/18/19	01-00.2013	Empl Authorized W/Holding	1061.31	1061.31	10132
UPAGE CREDIT UNION	D000650	06/04/19	SPR 05/31/19	01-00.2013	Empl Authorized W/Holding	800.00	800.00	10133
UPAGE CREDIT UNION	D000650	06/07/19	PR 06/01/19	01-00.2013	Empl Authorized W/Holding	1061.31	1061.31	10134
EALTH CARE SERVICE CORP.	Н000190	05/29/19	165585	01-17.E455	Health Insurance	41804.35	41804.35	10132
UDSON ENERGY SERVICES, LLC	H000495	05/28/19	Various	01-15.B100	LS Electric	7344.47	7344.47	06156
LLINOIS DEPARTMENT OF REVENUE		05/20/19	SPR 05/15/19	01-00.2001	State Tax	1573.48	1573.48	10132
LLINOIS DEPARTMENT OF REVENUE		05/28/19	PR 05/18/19	01-00.2001	State Tax	3532.17	3532.17	10132
LLINOIS DEPARTMENT OF REVENUE	1000240	06/07/19	SPR 05/31/19	01-00.2001	State Tax	1444.25	1444.25	10133
LLINOIS DEPARTMENT OF REVENUE	1000240	06/10/19	PR 06/01/19	01-00.2001	State Tax	3639.12	3639.12	10133
LLINOIS MUNICIPAL	1000300	06/07/19	Pension	01-00.2003	Empl Pension Deposit	10243.35		
		06/07/19	Pension	01-00.2014	Empl Vol Pension Deposit	8495.20		
		06/07/19	Pension	01-17.E460	Emplr Pension Deposit	20327.36	39065.91	10133
NVOICE CLOUD	1000750	06/10/19	607-2019-5	01-11.B121	Biller Portal Fees	319.80	319.80	10134
IDAMERICA ADMIN HRA ACCOUNT	M000557	05/31/19	HRA Funding	01-17.E455	HRA Acct Funding	500.00	500.00	10133
EAL PRICE 401K TRUST	P000642	06/05/19	Refund	01-05.3001	User Refund - Overpayment	1458.88	1458.88	06156
RANSAMERICA RETIREMENT SOLUTI	OT000415	05/17/19	SPR 05/15/19	01-00.2026	Def Comp IPPFA	1050.00		
		05/17/19	SPR 05/15/19	01-00.2028	Def Comp Loan Repay IPPFA	77.06	1127.06	10132
RANSAMERICA RETIREMENT SOLUTI	OT000415	05/24/19	PR 05/18/19	01-00.2027	Def Comp Roth IPPFA	40.00		
		05/24/19	PR 05/18/19	01-00.2028	Def Comp Loan Repay IPPFA	110.51	150.51	10132
RANSAMERICA RETIREMENT SOLUTI	OT000415	06/04/19	SPR 05/31/19	01-00.2026	Def Comp IPPFA	1050.00		
		06/04/19	SPR 05/31/19	01-00.2028	Def Comp Loan Repay IPPFA	77.06	1127.06	10133
RANSAMERICA RETIREMENT SOLUTI	OT000415	06/07/19	PR 06/01/19	01-00.2027	Def Comp Loan Repay IPPFA	110.51		
		06/07/19	PR 06/01/19	01-00.2028	Def Comp Roth IRA IPPFA	40.00	150.51	10134
ANTAGEPOINT TRANSFER AGENTS-4	5V000120	05/17/19	SPR 05/15/19	01-00.2020	Def Comp ICMARC	300.00	300.00	10132
ANTAGEPOINT TRANSFER AGENTS-4	5V000120	06/04/19	SPR 05/31/19	01-00.2020	Def Comp ICMARC	300.00	300.00	10133
					Total Payments:	312480.16	312480.16	
					ACH Payments Total:	303676.81	.00	



	VENDOR =======	===== INV	/OICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
	DATE							
	REVIEWED							
	TRUSTEE APPROVAL							
				PRESIDENT				
				CLERK				



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 06/18/19

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		666521.28-
01-00.1001	CASH - PAYROLL ACCOUNT	143126.99	
01-00.2000	FEDERAL TAX WITHHELD	23950.82	
01-00.2001	STATE TAX WITHHELD	10189.02	
01-00.2002	SOCIAL SECURITY WITHHELD	16924.79	
01-00.2003	IMRF WITHHELD	10243.35	
01-00.2005	CLEARING	94.09	
01-00.2007	REBATES PAYABLE	4169.45	
01-00.2013	CREDIT UNION WITHHELD	3722.62	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	8495.20	
01-00.2017	VOLUNTARY GROUP LIFE	320.00	
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	150.51	
01-00.2028	DC PLAN LOAN REPAYMENT WITHHELD	304.63	
01-05.3001	USER RECEIPTS	3423.83	
01-11.B100	ELECTRICITY	527.02	
01-11.B101	NATURAL GAS	106.31	
01-11.B112	COMMUNICATION	1493.18	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	3211.00	
01-11.B116	SUPPLIES	706.38	
01-11.B117	EMPLOYEE/DUTY COSTS	510.39	
01-11.B118	BUILDING AND GROUNDS	1164.01	
01-11.B119	POSTAGE	29.83	
01-11.B120	PRINTING/PHOTOGRAPHY	4633.55	
01-11.B121	USER BILLING MATERIALS	7271.42	
01-11.B124	CONTRACT SERVICES	16952.63	
01-12.B100	ELECTRICITY	4123.21	
01-12.B101	NATURAL GAS	390.42	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	290.72	
01-12.B103	ODOR CONTROL	871.10	
01-12.B112	COMMUNICATION	1614.88	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	1844.78	
01-12.B116	SUPPLIES	2446.93	
01-12.B117	EMPLOYEE/DUTY COSTS	870.14	
01-12.B401	CHEMICALS - DISINFECTION	11835.61	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	4285.08	
01-12.B403	CHEMICALS - TERTIARY TREATMENT	3855.78	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	63.28	
01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	408.00	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	784.39	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	61.86	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	1145.84	
01-12.B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	4920.86	
01-12.B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	1024.38	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	357.90	



ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 06/18/19

Date: 06/14/19 Time: 1:04pm

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	679.87	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	9680.79	
01-12.B810	BLDG AND GROUNDS - SLUDGE DIGESTION	263.39	
01-12.B811	BLDG AND GROUNDS - TERTIARY TREATMENT	460.67	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	3188.66	
01-12.C225	OPERATION/REPAIR	89.50	
01-13.B114	CHEMICALS	2143.19	
01-13.B116	SUPPLIES	1981.76	
01-13.B117	EMPLOYEE/DUTY COSTS	74.42	
01-13.B123	OUTSIDE LAB SERVICES	359.17	
01-14.B112	COMMUNICATION	827.28	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	974.71	
01-14.B117	EMPLOYEE/DUTY COSTS	1474.11	
01-14.B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	44.00	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	4576.06	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	28646.63	
01-14.C225	OPERATION/REPAIR	709.15	
01-14.C226	VEHICLE PURCHASES	25675.00	
01-15.B100	ELECTRICITY	17357.00	
01-15.B112	COMMUNICATION	303.49	
01-15.B523	EQPT/EQPT REPAIR - EARLSTON	5367.00	
01-15.B527	EQPT/EQPT REPAIR - VENARD	102.86	
01-15.B820	BLDG AND GROUNDS - BUTTERFIELD	189.50	
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	289.91	
01-15.B827	BLDG AND GROUNDS - VENARD	155.50	
01-15.B828	BLDG AND GROUNDS - WROBLE	155.50	
01-17.E452	LIABILITY/PROPERTY	171644.98	
01-17.E455	EMPLOYEE GROUP HEALTH	45616.90	
01-17.E460	IMRF	20327.36	
01-17.E461	SOCIAL SECURITY	16924.74	
		=========	

666521.28 666521.28-

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Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	Item Description
Grainger	05/14/19	\$48.61	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	Delivered	MM		MCC Bulbs	Replacement lamps for MCC lighting/buttons
Grainger	05/15/19	\$114.38	01-12.B117	EMPLOYEE/DUTY COSTS	Delivered	JPB		Outerwear for Adam	Hi-Vis Rain Jacket w/Hood
Grainger	05/15/19	\$59.34	01-12.B116	WWTC SUPPLIES	Delivered	MM		Rodent Control	Rodent poison
Grainger	05/16/19	\$1.97	01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	Delivered	AC		Excess Flow Pumps Valve Enclosure	9/64" Drill Bit
Grainger	05/16/19	\$210.14	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JPB		Maintenance Repair Supplies	Hardware & Plumbing Supplies
Grainger	05/20/19	\$119.72	01-12.B116	WWTC SUPPLIES	In-Store	CP		Bad Saw Cutting Oil Change	(4) Gallons of Cutting Oil
Grainger	05/20/19	\$8.20	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Electrical Repair Supplies	3 Amp Fuses
Grainger	05/21/19	\$141.71	01-13.B116	LAB SUPPLIES	Delivered	DRB	LAB1283	lab supplies	pipette tips and disposable pipettes
Grainger	05/22/19	\$83.11	01-12.B116	WWTC SUPPLIES	In-Store	MM		Gloves	Gloves, skimmer suction drain
Grainger	05/23/19	\$64.50	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JPB		Maintenance Repair Supplies	Hardware & Plumbing Supplies
Grainger	05/24/19	\$65.67	01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	Delivered	AC		Pearth 4	(3) V-Belts
Grainger	05/24/19	\$86.40	01-14.B115	SEWER SYSTEM EQUIPMENT/EQUIPMENT REPAIR	In-Store	NW		Vac-Con Hose Reel Control Repair	(3) Toggle Switches
Grainger	04/24/19	\$888.39	01-13.B116	LAB SUPPLIES	Delivered	DRB	LAB1270	Nitrate testing	nitrate combo electrode
Grainger	05/29/19	\$37.61	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	AC		Safety Supplies	Eye Wash Station Re-fill & Safety Glasses
Grainger	05/30/19	\$125.26	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JPB		Maintenance Repair Supplies	Hardware & Plumbing Supplies
Grainger	05/30/19	\$94.12	01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	Delivered	NW		CHP 2 Dump Radiator	Condenser Coil Cleaner
Grainger	06/04/19	\$42.00	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	RF		WWTC Lighting Repairs	(5) Electronic Ballasts
Grainger	06/07/19	\$20.42	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RF		Tool Replacement (Rolf)	11 in 1 Screw Driver
Grainger	06/07/19	\$179.81	01-13.B116	LAB SUPPLIES	Delivered	DRB		Lab Supplies	Disposable Wipes
Grainger	06/11/19	\$102.70	01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	In-Store	AC		Secondary 4 Catwalk Repairs	Grinding Disks
Grainger	06/12/19	\$1,217.79	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	JPB		Confined Space Safety Equipment	65ft. Winch for Maintenance Tri-Pod Man Lift
Home Depot	05/23/19	\$23.92	01-12.B116	WWTC SUPPLIES	In-Store	RF		Supplies	Spray Paint, Primer & White Marking Paint
Home Depot	06/11/19	\$67.92	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	CP		Digester 3 Control Building Effluent Piping	Copper Pipe & Fittings
Home Depot	05/22/19	\$21.42	01-12.B116	WWTC SUPPLIES	In-Store	FF		Supplies	tree bark gard for saplings
Home Depot	06/10/19	\$24.98	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	NW		Microstrainer Building Roofing Project Prep.	Poly Sheeting
Home Depot	05/31/19	\$83.33	01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	In-Store	JM		CHP 1 Air Line	Copper Pipe & Fittings
Home Depot	05/21/19	\$141.77	01-11.B118	ADMIN BUILDING & GROUNDS	In-Store	JPB		Admin Center Wall Painting	3 Gallons Paint & Supplies
Home Depot	05/30/19	\$390.76	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	BS		Microstrainer Building Roofing Project Prep.	Plywood, Hardware & Poly Sheeting
Home Depot	05/29/19	\$28.47	01-12.B810	BLDG & GROUNDS - SLUDGE DIGESTION	In-Store	FF		Dig 4 and 5 Washdown	PVC tools, PEX piping
Home Depot	05/17/19	\$169.21	01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	In-Store	JM		CHP Air Line	Copper Fittings
Home Depot	05/16/19	\$49.05	01-12.B116	WWTC SUPPLIES	In-Store	RF		Supplies	Wire Nuts, Spray Paint, Toilet Fill & Flush Valve Repair Kits
Home Depot	06/05/19	\$24.48	01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	In-Store	CP		CHP Heat Recovery Piping Painting	Paint & Painting Supplies
Home Depot	05/15/19	\$6.97	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	CP		Tool Replacement	12' Tape Measure for Chuck
Home Depot	06/04/19	\$64.91	01-12.B116	WWTC SUPPLIES	In-Store	FF		Easement machine	Fittings for easement machine fuel tank
Home Depot	06/03/19	\$44.93	01-12.B811	BLDG & GROUNDS - TERTIARY TREATMENT	In-Store	NW		Microstrainer Building Roofing Project Prep.	Poly Sheeting & Sealing Tape
1									

Date:	6/14/2019	Petty Cash Checking Reimbursement
Due Date	: 6/18/2019	
Invoice #:	Reimburse	

Date	Purchased From	Description	Code	Amount	Ck No.
05/14/19	Costco	Coffee for plant	12.B116	99.95	3567
05/14/19	Notary Express	Sue Testin & Susan Allgood Stamps	17.E452	119.98	3568
05/22/19	Ivan James	BSSRAP Rodding Refund	14.B910	360.50	3569
05/28/19	Paul Yoong Ming Chang	BSSRAP Rodding Refund	14.B910	275.00	3570
05/29/19	Sundim Dervishi	BSSRAP Rodding Refund	14.B910	360.50	3571
06/07/19	Dr. Pepper	Soda for machine	00.2005	127.50	3572
06/06/19	Frances Hagl	BSSRAP Rodding Refund	14.B910	360.50	3573

Total Receipts/Reimbursement 1703.93

D-440

Expense by code

00.2005	127.50
12.B116	99.95
14.B910	1356.50
17.E452	119.98
	1703 03

Date: 6/14/2019 Petty Cash Reimbursement P - 350

Due Date: 6/18/2019

Invoice #: Cash Box

Date	Purchased From	Reimbursed To	Description	Code	Amount
5/17/2019	Jewel	DRB	Bleach for Lab	13.B116	17.08
5/21/2019	Home Depot	NW	MSB Supplies	12.B116	7.96
5/22/2019	USPS		Postage Due	11.B119	1.77
5/28/2019	Pierce Tavern		Supervisor Lunch	11.B117	82.84
5/29/2019	Fosters Truck		Safety Lane Check #317	12.C225	44.50
5/29/2019	Fosters Truck		Safety Lane Check #354	12.C225	30.00
5/31/2019		IT	Office Supplies	11.B116	13.45
6/12/2019	USPS		Postage Due	11.B119	28.06
			Tota	l Receipts	225.66

Expense by code

11.B116	13.45
11.B117	82.84
11.B119	29.83
12.B116	7.96
12.C225	74.50
13.B116	17.08
	225.66

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: W. Clay Campbell

Administrative Supervisor

DATE: June 7, 2019

RE: 2019 Levy Ordinance

The proposed 2019 Levy Ordinance is attached. This levy of \$1,282,600 for sanitary sewer system repairs and replacements and repayment of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program represents a 3.17% increase over the 2018 levy of \$1,243,300. In accordance with the tax cap, the County Clerk will automatically reduce this levy to reflect the approved consumer price index for tax year 2019, which is 1.9%.

A copy of the Calculations for Truth in Taxation Process worksheet prepared by the DuPage County Clerk's office is also attached. This worksheet indicates that the District 2019 tax levy request cannot exceed \$1,282,682.67 in order to comply with the Truth in Taxation Act.

Staff will request Board approval of this levy ordinance at the June 18 regular meeting.

Enclosures

cc: KJR, RTJ, MJS, NJM, MGP

AN ORDINANCE FOR THE LEVY OF TAXES FOR GENERAL CORPORATE PURPOSES FOR THE DOWNERS GROVE SANITARY DISTRICT FOR THE FISCAL YEAR BEGINNING MAY 1, 2019 AND ENDING APRIL 30, 2020

BE IT ORDAINED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, a body politic and corporate, of the County of DuPage and State of Illinois, Section 1. That the sum of \$1,282,600 being that part of the total appropriation heretofore legally made for corporate purposes for the DOWNERS GROVE SANITARY DISTRICT, a body politic and corporate of the County of DuPage, and State of Illinois which is to be collected from the tax levy of the current fiscal year commencing on the first day of May, 2019, and ending on the 30th day of April, 2020.

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

	TOTAL AMOUNT	TO BE PAID FROM CORPORATE <u>TAXATION</u>
SANITARY SEWER SYSTEM REPAIRS AND REPLACEMENTS AND RE- PAYMENT OF LOANS UNDER THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 / ILLINO ENVIRONMENTAL PROTECTION AGENCY'S WATER POLLUTION CONTROL LOAN PROGRAM	<u>\$1,282,600</u> DIS	<u>\$1,282,600</u>
GRAND TOTAL	\$1,282,600	\$1,282,600

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

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

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

Dated: This 18th day of June, A.D., 2	2019.
RECORDING VOTES:	
AYES:	
ABSENT:	
NAYS:	
APPROVED this 18th day of June, A	D., 2019.
	President, Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT DuPage County, Illinois
ATTEST:	

Clerk

CERTIFICATE OF LEVY

STATE OF ILLINOIS

COUNTY OF DUPAGE

To the Clerk of DuPage County:

I, PAUL W. COULTRAP, do hereby certify that I am the duly elected Clerk of the Board of Trustees of the Downers Grove Sanitary District, a body politic and corporate in DuPage County, Illinois: and that pursuant to the authority vested in said Board of Trustees within Section 12 of the Sanitary District Act of 1917, as amended, the Board of Trustees, in meeting assembled on June 18, 2019, did direct and authorize that there be raised by general taxation the amounts hereinafter set forth, to be levied upon all the taxable property in said Sanitary District, in order to meet and defray the necessary expenses and liabilities of the Sanitary District as required by law, and the amounts so required are itemized and needed for uses and purposes as follows, as appears from the record of the proceedings of said Board of Trustees meeting, now on file in my records, to-wit:

SANITARY SEWER SYSTEM REPAIRS AND REPLACEMENTS AND RE-PAYMENT OF LOANS UNDER THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 / ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S WATER POLLUTION CONTROL LOAN PROGRAM \$1,282,600

TOTAL \$1,282,600

Making the amount to be raised by taxation and levied upon all taxable property in said Sanitary District, for the necessary expenses and uses aforesaid for the general corporate purposes, the sum of \$1,282,600.00. And it is hereby directed that the aforesaid sum be raised by taxation, in the manner provided by law.

Dated June 18, 2019.

(SEAL)
Paul W. Coultrap, Clerk
APPROVED:
Board of Trustees
DOWNERS GROVE SANITARY DISTRICT

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

CERTIFICATE OF INAPPLICABILITY

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

I DO FURTHER CERTIFY THAT PROVISIONS OF THE "TRUTH IN TAXATION ACT" (ILLINOIS COMPILED STATUTES, CHAPTER 35, ACT 200, SECTIONS 18-55 THROUGH 18-100) ARE INAPPLICABLE TO THE DOWNERS GROVE SANITARY DISTRICT IN CONNECTION WITH ITS 2019 TAX LEVY ORDINANCE, AS THE LEVY IS NOT MORE THAN FIVE PERCENT GREATER THAN LAST YEARS EXTENSION.

IN WITNESS WHEREOF, I HEREUNTO AFFIX MY OFFICIAL SIGNATURE AT DOWNERS GROVE, ILLINOIS THIS 18TH DAY OF JUNE, 2019.

DOWNERS GROVE SANITARY DISTRICT

BY:		
	WILLIAM CLAY CAMPBELL	
	ASSISTANT CLERK	

(SEAL)

DU PAGE COUNTY CALCULATIONS FOR "TRUTH IN TAXATION" PROCESS

TAXING DISTRICT NAME: DOWNERS GR SAN DIST

TOTAL 2018 TAX EXTENSION:

(INCLUDING DEBT)

1,221,602.54

TOTAL 2018 DEBT EXTENSION: (INCLUDES DEBT SERVICE AND P.B.C. LEASES)

NONE

SUB TOTAL = REMOVAL OF

DEBT SERVICE

1,221,602.54

ADDITION OF 2018 ABATEMENTS: (DOES NOT INCLUDE

BOND ABATEMENTS)

NONE

TOTAL 2018 AGGREGATE EXTENSION: (INCLUDES CORPORATE & SPECIAL PURPOSES, ABATEMENTS AND NO DEBT) 1,221,602.54

*** ADDITION OF 105% TO TOTAL AGGREGATE EXTENSION (INCLUDES CORPORATE AND SPECIAL PURPOSES, ABATEMENTS AND NO DEBT): 1,282,682.67

YOUR 2019 TAX LEVY REQUEST, MINUS DEBT, CANNOT EXCEED THIS FIGURE WITHOUT COMPLIANCE TO THE "TRUTH IN TAXATION ACT".

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

ANY DISTRICT WHO MUST PUBLISH IN ORDER TO COMPLY WITH THE "TRUTH IN TAXATION ACT", WILL NEED TO INCLUDE 2019 DEBT SERVICE FIGURES IN THE PUBLICATION NOTICE, AS REQUIRED BY SENATE BILL 136, PASSED 12-5-1989. ACCORDING TO OUR RECORDS AS OF APRIL 30, 2019, YOUR DEBT SERVICE FIGURE IS NONE DEBT ISSUED AFTER THIS DATE, BUT PRIOR TO YOUR PUBLICATION DATE, MUST BE ADDED TO THIS FIGURE.

DOWNERS GROVE SANITARY DISTRICT $\underline{\text{MEMO}}$

DATE: June 7, 2019

TO: Board of Trustees

FROM: W. Clay Campbell

Administrative Supervisor

RE: Real Estate Tax Levy and Rate for 2018

Attached is the final tax levy notice from the County Clerk for last year's tax levy which is paid by the District's customers this year as part of their tax bill. The levy contains the \$1,243,300 general corporate levy to be used for sanitary sewer system repairs and replacements and repayment of loans under the American Recovery and Reinvestment Act of 2009 / Illinois Environmental Protection Agency's Water Pollution Control Loan Program.

The 2018 rate of 0.0398 is 1.49% less than last year's rate (see attached Tax Levies and Tax Rates table). It is the fourth year in a row that the District's tax rate has decreased indicating that the rebound in property values has consistently made its way now to assessed property values. The District's assessed valuation increased from \$3,001,304,727 to \$3,151,400,174, an increase of 5.0%. It is the fourth year in a row that this figure has increased. The District tax rate this year was reduced by the tax cap limitation. The tax cap reduced the District extension by \$36,832.23 to a total extension of \$1,221,602.54 which represents a 3.17% increase over last year's extension of \$1,184,119.07. Increases in the extension have averaged 2.56% over the past 10 years.

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

New construction	\$ 25,714,510
New annexations	1,748,693
Adjustments to existing assessed valuations	110,902,099
(average increase of 3.78%)	\$138,365,302

Assuming the median assessed value of a single family residence was at \$99,389 (taken from the FY 19-20 budget figure found on page 27 of the Five Year Financial Plan for FY19-20), District taxes will be \$40.25 per residence this year compared to \$38.42 last year, an increase of 4.76%.

Because of both the Downers Grove Central Business District TIF and the Downers Grove Ogden Avenue TIF, District taxes were reduced from an "actual extension" of the tax levy of \$1,254,257.27 to \$1,221,602.54 (-\$32,654.73) for 2018.

A table is attached which details the calculation of the levy and indicates the reduction due to the tax cap and the TIFs.

Attachments

cc: KJR, RTJ, MJS, NJM, MGP

10150000 DOWNERS GR SAN DIST

DOWNERS GROVE

DUPAGE COUNTY

RES: 2,392,186,091 FARM:

3,655 RR:

3,067,522,942 GTOT:

1,830,163

COMM: IND: T-RE: 590,623,476 84,709,720

3,069,353,105

TOWNSHIPS: MILTON 26,332,860 YORK 607,811,284 LISLE

291,047,495

26,332,860 607,811,284 291,047,495

2,144,161,466 2,226,208,535 3,069,353,105 CUR 3,151,400,174

....... 2018 TIF VALUATION 3,069,353,105 CUR 3,151,400,174

> TAX BURDEN: LIMITING RATE: .0398 RATE REDUCTION: 97.0732

LEVY				RAT	re	TAXES EXTENDED	TAX L	MITATION ACT	DISTR	ICT	ADJUSTMENT
	1	TNUOMA	PLUS	LIMIT	EXTD	AMOUNT	RATE	EXTENSION	RATE	1	EXTENSION
CORPORATE		1,243,300.00	1,255,733.00	.2000	.0410	1,258,434.77	.0398	1,221,602.54			
TOTAL CAP FUNDS	1	1,243,300.00	1,255,733.00	1 1	.0410	1,258,434.77	.0398	1,221,602.54		1	
*TOTAL NON CAP FUNDS					1	1					
GRAND TOTAL	1	1,243,300.00	1,255,733.00	1 1	.0410	1,258,434.77	.0398	1,221,602.54	l	I	

Actual Ext 1,254,257.27 DIF to TIF 32,654.73

DOWNERS GROVE SANITARY DISTRICT

Tax Levies and Tax Rates

PERCENT INCREASE

4.99%

2019 1,282,600.00 1,282,600.00

2018

				FROM PRIOR		FINAL	PERCENT				PERCENT	ASSESSED	AMOUNT	PERCENT			PERCENT
		GEN'L CORP.		YEAR'S FINAL	TAX	TAX	INCREASE	REDUCTION			INCREASE	VALUATION	INCREASE	INCREASE	REDUCTION		CHANGE
		& OTHER		EXTENSION	EXTENSION	EXTENSION	FROM	OF		ACTUAL	FROM	EXCLUDING	FROM	FROM	IN DISTRICT	FINAL	FROM
TAX	YEAR	OPERATING	TOTAL	AFTER	BEFORE	AFTER	PRIOR	EXTENSION	PERCENT	ASSESSED	PRIOR	THE	PRIOR	PRIOR	TAXES DUE TO	TAX	PRIOR
<u>YEAR</u>	BILLED	<u>USES</u>	<u>LEVY</u>	CAP	CAP	CAP	YEAR	DUE TO CAP	REDUCTION	VALUATION	YEAR	DG TIF	YEAR	<u>YEAR</u>	DG TIF	RATE	<u>YEAR</u>
1992	1993	482,000.00	482,000.00	3.55%	487,717.24	487,717.24	4.77%	0.00	0.00%	1,192,462,701	6.06%					0.0409	(1.21%)
1993	1994	496,000.00	496,000.00	1.70%	502,120.31	502,120.31	2.95%	0.00	0.00%	1,258,446,895	5.53%					0.0399	(2.44%)
1994	1995	510,000.00	510,000.00	1.57%	515,428.75	515,428.75	2.65%	0.00	0.00%	1,311,523,537	4.22%					0.0393	(1.50%)
1995	1996	535,000.00	535,000.00	3.80%	540,633.45	536,537.74	4.10%	4,095.71	0.76%	1,365,235,985	4.10%					0.0393	0.00%
1996	1997	561,000.00	561,000.00	4.56%	567,024.20	558,432.92	4.08%	8,591.28	1.54%	1,431,879,289	4.88%					0.039	(0.76%)
1997	1998	586,000.00	586,000.00	4.94%	593,170.68	584,205.89	4.62%	8,964.79	1.53%	1,494,778,402	4.39%	1,494,132,705			252.47	0.0391	0.26%
1998	1999	613,000.00	613,000.00	4.93%	619,415.24	606,901.80	3.88%	12,513.44	2.06%	1,565,303,058	4.72%	1,564,179,905	70,047,200	4.69%	435.79	0.0388	(0.77%)
1999	2000	637,000.00	637,000.00	4.96%	644,113.20	634,279.41	4.51%	9,833.79	1.55%	1,639,819,343	4.76%	1,638,964,885	74,784,980	4.78%	331.00	0.0387	(0.26%)
2000	2001	665,000.00	665,000.00	4.84%	671,796.54	668,342.57	5.37%	3,453.97	0.52%	1,728,638,263	5.42%	1,726,983,390	88,018,505	5.37%	640.00	0.0387	0.00%
2001	2002	701,700.00	701,700.00	4.99%	709,687.84	700,542.38	4.82%	9,145.46	1.31%	1,833,895,793	6.09%	1,829,092,383	102,108,993	5.91%	1,839.71	0.0383	(1.03%)
2002	2003	735,500.00	735,500.00	4.99%	743,370.03	727,469.07	3.84%	15,900.96	2.19%	1,999,748,786	9.04%	1,987,620,402	158,528,019	8.67%	4,438.99	0.0366	(4.44%)
2003	2004	763,800.00	763,800.00	4.99%	771,902.79	754,891.16	3.77%	17,011.63	2.25%	2,140,368,777	7.03%	2,126,453,966	138,833,564	6.98%	4,939.76	0.0355	(3.01%)
2004	2005	792,600.00	792,600.00	5.00%	801,834.59	778,859.39	3.18%	22,975.20	2.95%	2,322,180,659	8.49%	2,297,520,325	171,066,359	8.04%	8,359.85	0.0339	(4.51%)
2005	2006	817,800.00	817,800.00	5.00%	828,075.78	818,038.50	5.03%	10,037.28	1.23%	2,538,869,699	9.33%	2,509,320,544	211,800,219	9.22%	9,633.02	0.0326	(3.83%)
2006	2007	858,900.00	858,900.00	5.00%	869,503.63	861,326.48	5.29%	8,177.15	0.95%	2,761,640,899	8.77%	2,725,716,700	216,396,156	8.62%	11,352.04	0.0316	(3.07%)
2007	2008	904,300.00	904,300.00	4.99%	916,087.47	898,299.36	4.29%	17,788.11	1.98%	3,010,126,887	9.00%	2,964,684,366	238,967,666	8.77%	13,769.09	0.0303	(4.11%)
2008	2009	943,200.00	943,200.00	5.00%	955,145.20	948,840.61	5.63%	6,304.59	0.66%	3,208,780,143	6.60%	3,152,294,383	187,610,017	6.33%	17,002.21	0.0301	(0.66%)
2009	2010	996,200.00	996,200.00	4.99%	1,009,000.16	961,703.28	1.36%	47,296.88	4.92%	3,214,943,324	0.19%	3,153,125,507	831,124	0.03%	18,854.43	0.0305	1.33%
2010	2011	1,009,700.00	1,009,700.00	4.99%	1,021,737.25	997,975.92	3.77%	23,761.33	2.38%	3,028,908,351	(5.79%)	2,970,166,415	(182,959,092)	(5.80%)	19,737.29	0.0336	10.16%
2011	2012	1,047,800.00	1,047,800.00	4.99%	1,060,292.27	1,020,918.02	2.30%	39,374.25	3.86%	2,866,293,054	(5.37%)	2,812,446,329	(157,720,086)	(5.31%)	19,546.36	0.0363	8.04%
2012	2013	1,071,900.00	1,071,900.00	4.99%	1,084,304.40	1,058,176.58	3.65%	26,127.82	2.47%	2,661,520,162	(7.14%)	2,612,781,682	(199,664,647)	(7.10%)	19,739.09	0.0405	11.57%
2013	2014	1,111,000.00	1,111,000.00	4.99%	1,122,218.40	1,084,894.06	2.52%	37,324.34	3.44%	2,534,554,665	(4.77%)	2,488,289,137	(124,492,545)	(4.76%)	20,171.77	0.0436	7.65%
2014	2015	1,139,100.00	1,139,100.00	5.00%	1,151,420.43	1,109,325.49	2.25%	42,094.94	3.79%	2,522,394,078	(0.48%)	2,476,172,963	(12,116,174)	(0.49%)	20,707.06	0.0448	2.75%
2015	2016	1,164,700.00	1,164,700.00	4.99%	1,177,049.76	1,127,681.23	1.65%	49,368.53	4.38%	2,648,893,312	5.02%	2,598,343,851	122,170,888	4.93%	21,938.47	0.0434	(3.13%)
2016	2017	1,184,000.00	1,184,000.00	4.99%	1,196,852.02	1,146,867.48	1.70%	49,984.54	4.36%	2,836,161,603	7.07%	2,776,918,837	178,574,986	6.87%	24,467.26	0.0413	(4.84%)
2017	2018	1,204,200.00	1,204,200.00	5.00%	1,216,359.94	1,184,119.07	3.25%	32,240.87	2.72%	3,001,304,727	5.82%	2,930,987,803	154,068,966	5.55%	28,408.04	0.0404	(2.18%)
2018	2019	1,243,300.00	1,243,300.00	5.00%	1,258,434.77	1,221,602.54	3.17%	36,832.23	3.02%	3,151,400,174	5.00%	3,069,353,105	138,365,302	4.72%	32,654.73	0.0398	(1.49%)

CALCULATION OF REAL ESTATE TAX LEVY EXTENSION

		TAX YEAR 2018
PROPERTY VALUATIONS		
Total Assessed Valuation		\$3,151,400,174
Assessed Valuation for TIF	-	\$82,047,069
Net Assessed Valuation		\$3,069,353,105
New Construction	-	\$25,714,510
New Annexations	-	\$1,748,693
Equalized Assessed Valuation		\$3,041,889,902
LEVY AND EXTENSION BEFORE CAP		
Amount Levied by DGSD		\$1,243,300
State Multiplier (adds 1%)	Χ	1.01
Levy with State Multiplier		\$1,255,733.00
Net Assessed Valuation	÷	3,069,353,105
Extended Rate		0.04091
Extended Rate Rounded up by County Clerk		0.0410
Net Assessed Value	Χ	3,069,353,105
Tax Extension Before Cap		\$1,258,434.77
CAP (LIMITING RATE):		
2017 Extension after Cap		\$1,184,119.07
2018 Consumer Price Index Multiplier From Tax Cap Law (adds 2.1%)	Χ	1.021
Final Base Aggregate Extension		\$1,208,985.57
Equalized Assessed Valuation	÷	3,041,889,902
Limiting Rate for 2018		0.0398
CAPPED EXTENSION		
Net Assessed Valuation		3,069,353,105
Limiting Rate for 2018	Χ	0.0398
Taxes to be Received (Extension after Cap)		\$1,221,602.54
Reduction due to tax cap (Extension Before Cap minus Extension After Cap)		(\$36,832.24)
Taxes that would have been Received assuming no TIF		\$1,254,257.27
Reduction due to TIF (Extension assuming no TIF - Extension because of TIF)	(\$32,654.73)

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Nicholas J. Menninga

General Manager

FROM: W. Clay Campbell

Administrative Supervisor

RE: 2019 Painting Services

DATE: June 6, 2019

A total of three bids were received for the 2019 Painting Services project with a bid opening on June 5, 2019. A bid tabulation is attached for your review. The lowest responsive, responsible bid was from G.P. Maintenance Services, Inc. at \$107,500.00 for all items of work.

Bids for the project were submitted in a per item format so that particular project items could be removed in order to bring the painting services project within the current fiscal year's budgeted amount if necessary. Although the total budget for contract painting work for FY 19-20 is \$92,500 and the lowest responsible, responsive base bid came in at \$107,500.00, staff felt that completion of all of the items of work was desirable even after considering the \$15,000 difference.

G.P. Maintenance Services, Inc. performed the 2007, 2010, 2011, 2012, 2014 and 2015 painting projects for the District. Their performance was adequate in workmanship and without problems.

I recommend that the District award the painting services contract to G.P. Maintenance Services, Inc., in the amount of \$107,500.00 for all items of work. We should seek approval to award this contract at the Board of Trustees regular meeting on June 18, 2019.

Attachments

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

DOWNERS GROVE SANITARY DISTRICT				
2019 PAINTING SERVICES				
BID TABULATION				
June 5, 2019				
DESCRIPTION	DGSD BUDGET	Era-Valdivia Contractors, Inc.	G.P. Maintenance Services, Inc.	McCahill Painting Company
		11909 South Avenue O	10512 South Michael Drive	324 RocBaar Drive
		Chicago, IL 60617	Palos Hills, IL 60465	Romeoville, IL 60446
WWTC Buildings	Ц			
1. Secondary Clarifier #5	\$18,500.00	\$42,000.00	\$15,000.00	\$16,670.00
2. Excess Flow Pumps 10, 11 & 12	\$31,500.00	\$35,000.00	\$38,000.00	\$57,640.00
3. Grit Building Basement (Between East & North Tunnels)	\$15,000.00	\$56,000.00	\$11,000.00	\$9,620.00
4. Digester 4 & 5 Exterior Staircase to Roof	\$4,500.00	\$15,000.00	\$8,500.00	\$8,275.00
Lift Stations				
5. Wroble Lift Station - Floor Restoration & Entry Tube	\$27,500.00	\$40,000.00	\$35,000.00	\$21,365.00
TOTAL BID:	\$92,500.00	\$188,000.00	\$107,500.00 LOWEST RESPONSIVE, RESPONSIBLE BIDDER	\$113,570.00
			LOWEST RESPONSIVE, RESPONSIBLE BIDDER	

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Board of Trustees

FROM: W. Clay Campbell

Administrative Supervisor

DATE: June 14, 2019

RE: Resolution of Appreciation for

Irene Taylor

Attached is a Resolution of Appreciation for Irene Taylor to recognize her over twenty-six years of service to the District. This item is on the agenda for the June 18 meeting. A framed and signed original of the resolution will be presented to Irene at her retirement dinner on Wednesday, June 19.

Attachment

cc: KJR, RTJ, MJS, NJM, MGP

RESOLUTION OF APPRECIATION

WHEREAS, IRENE C. TAYLOR, has served the residents of the DOWNERS GROVE SANITARY DISTRICT since 1993 as Accounting Assistant from 1993 to 2003 and Administrative Assistant from 2003 to 2019; and

WHEREAS, the outstanding professionalism and integrity of IRENE C. TAYLOR has resulted in the District being recognized by professional and peer groups year after year as a model for sanitary districts statewide; and

WHEREAS, IRENE C. TAYLOR has exhibited the necessary skills, knowledge, ability, and judgment to properly support operation of the District's Administration Center; and

WHEREAS, IRENE C. TAYLOR has exhibited a dedication to customer service, transparency, accuracy and attention to detail in all administrative aspects of the District's operations; and

WHEREAS, the ceaseless efforts of IRENE C. TAYLOR as both Accounting Assistant and Administrative Assistant enabled the District to offer excellent planning and execution of District functions and events, to operate its Administration Center in a professional and courteous manner and to continue to provide exceptional service to the residents of the District; and

WHEREAS, IRENE C. TAYLOR has exhibited an unfailing dedication to public service by her constant concern and attention to all matters important to the administration of the District during her twenty-six years of public service.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, that IRENE C. TAYLOR is hereby commended for her dedicated and exemplary service to the DOWNERS GROVE SANITARY DISTRICT and to the residents thereof; and

BE IT FURTHER RESOLVED that a copy of this Resolution be spread upon the records of the DOWNERS GROVE SANITARY DISTRICT and an embossed copy thereof be delivered by the Clerk of this District to the said IRENE C. TAYLOR.

PASSED AND APPROVED by the Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, this 18th day of June, 2019, in honor of the twenty-six years of outstanding service by IRENE C. TAYLOR to the District.

DOWNERS GROVE SANITARY DISTRICT

BY:		
	President	
ATTEST:		
ATTEST.	Clerk	

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

TO: Board of Trustees

FROM: W. Clay Campbell

Administrative Supervisor

DATE: June 13, 2019

RE: Investment in Certificate of Deposit – First Internet Bank

In accordance with the District Investment Policy, we renewed a twelve-month Certificate of Deposit (CD) with First Internet Bank located in Indiana on May 14, 2019. The CD is in the amount of \$250,000 with an annual interest rate of 2.75%. The old interest rate was at 2.30%. Attached is a confirmation from First Internet Bank that verifies the date, amount and interest rate for the placed funds. This bank was selected based on a review of competitive rates from financial institutions that accept public funds. The CD is FDIC insured to \$250,000.

This CD was purchased for the term of twelve months to allow staff to place District funds in an investment that would provide interest significantly above rates offered by other financial institutions for more liquid investment alternatives. Staff would request for the Board to take action ratifying this investment at its next regular meeting of June 18, 2019 **using the following motion**: "I move that we ratify the actions of staff on behalf of the District to open a certificate of deposit in the amount of \$250,000 with First Internet Bank at an interest rate of 2.75% and a term of twelve months."

Attachment

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



05-16-2019

DOWNERS GROVE SANITARY DIST 2710 Curtiss St Downers Grove, IL 60515

This letter is to confirm that First Internet Bank is holding in safekeeping a Certificate of Deposit for the account holder(s) named above.

Account Number: Account Title (if any):

Opening Date: Amount:

Amount:

Rate:

Annual Percentage Yield: Maturity Date:

Early Withdrawal:

Penalty:

05-14-2019

250,000.00

12 Months 2.75

2.78

05-13-2020

180 Days

RECEIVED

MAY 20 2019

DOWNERS GROVE SANITARY DISTRICT

You must provide written redemption instructions within ten (10) calendar days following the maturity date shown above.

Whenever you have questions regarding your CD or any FirstIB service, please feel free to contact a FirstIB Relationship Banker by toll-free phone at 1-888-873-3424. Inquiries about electronic transfers or errors can be directed to the number above, or write us at PO Box 6080 Fishers, IN 46038. Our customer service hours are Monday through Friday, 7:00AM – 9:00PM (Eastern) and Saturday, 9:00AM – 3:00PM (Eastern). You may also send an email to bank@firstib.com.

Thank you for choosing First Internet Bank.

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

TO: Board of Trustees

FROM: W. Clay Campbell

Administrative Supervisor

DATE: June 13, 2019

RE: Investment in Certificate of Deposit – Transportation Alliance Bank, Inc. dba TAB Bank

In accordance with the District Investment Policy, we renewed the attached twelve-month Certificate of Deposit (CD) with TAB Bank on May 23, 2019. The CD is in the amount of \$250,000 at an interest rate of 2.47%. The previous interest rate was 2.20%. This bank was selected based on a review of competitive rates from financial institutions that accept public funds. The CD is FDIC insured to \$250,000.

This CD was purchased for the term of twelve months to allow staff to place District funds in an investment that would provide interest significantly above rates offered by other financial institutions for more liquid investment alternatives. Staff would request for the Board to take action ratifying this investment at its next regular meeting of June 18, 2019 **using the following motion**: "I move that we ratify the actions of staff on behalf of the District to open a certificate of deposit in the amount of \$250,000 with TAB Bank on May 23, 2019 at an interest rate of 2.47% and a term of twelve months."

Attachment

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

Certificate of Deposit Maturity Notice

1 Automatically Renewable þage

Certificate Tax ID Date

Balance

05/23/2019 Maturing on 12 Months Term

On File 05/24/2019 250,000.00

Next Maturity 05/23/2020 06/23/2019 Next Barning New Interest Rate 2.4700%

New Annual Percentage

Yield 2.50%

Period Earnings 452.45 Pd by ACH XXXXXIII6

Earnings Paid YTD 2,277.36

DOWNERS GROVE SANITARY DISTRICT

2710 CURTISS STREET

DOWNERS GROVE IL 60515

DOWNERS GROVE SANITARY DISTRICT

WWTC DATA MANAGEMENT

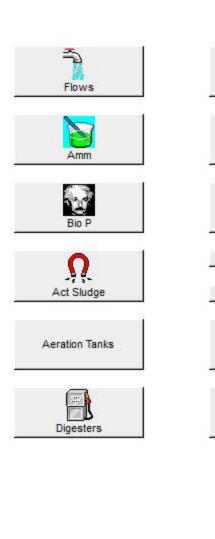
- OPERATIONS DATA HACH WIMS
- MAINTENANCE AND FIXED ASSET DATA – MP2

HACH WIMS

- Wastewater Treatment Specific
- Open Architecture SQL Database
- Multiple Seats
- Simple Interface
- Complex Data Manipulation and Reporting

06/10/19 ops info lab dash ops home sludge dash Lift Stations MROs Reese DMR Dash month dash Blankets Bio dash OPS forms

Annuals



Excess Flow Form

Bio stockpiles

CATS

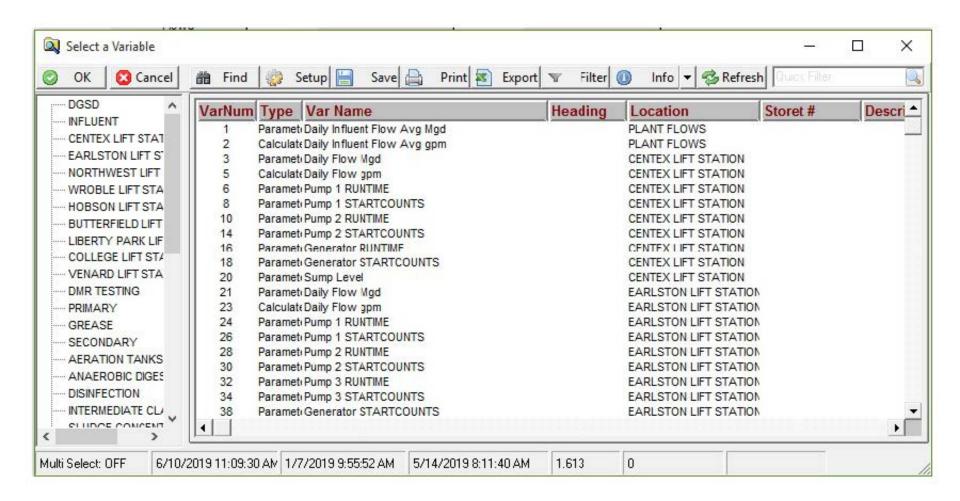
Utilities and weather

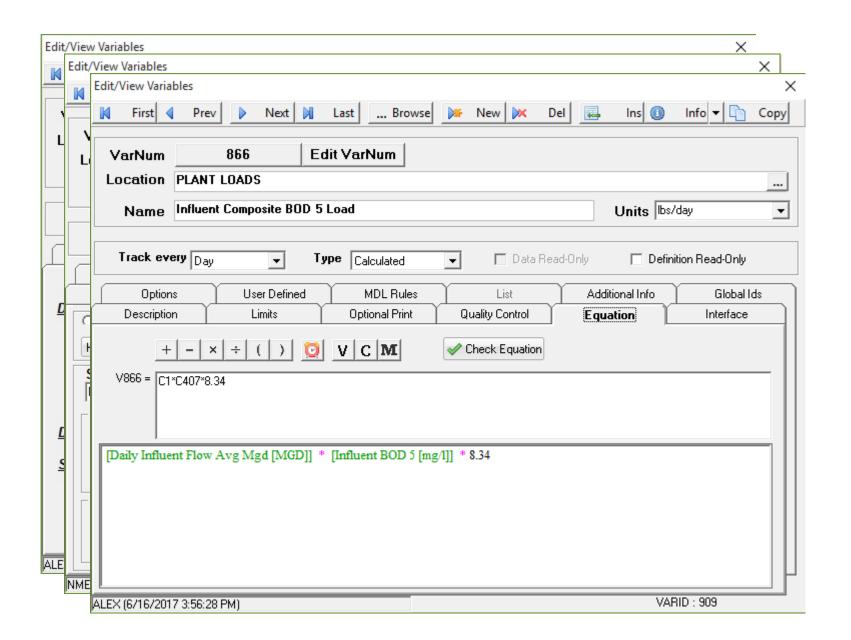
Digester Gas

ORP data

Net Zero

Nitrates





			Daily Rav	v Sewage	Buildin	g Reading	gs		
			Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Num	<u>Name</u>	<u>Units</u>	06/09/19	06/10/19	06/11/19	06/12/19	06/13/19	06/14/19	06/15/19
510	Raw Sewage Wet Well Level AM	ft		6.30					
511	Raw Sewage Wet Well Level PM	ft		00-10					
559	Influent Composite Flow Reading AM	MGD		11.15					
560	Influent Composite Flow Reading PM	MGD							
561	B01 Parshall Flume Flow Reading AM	MGD		11.07	- 12				
562	B01 Parshall Flume Flow Reading PM	MGD		14	- 3				
504	Raw Sewage VFD 1 AM	RPM		0.00	33				
506	Raw Sewage VFD 2 AM	RPM		887.00	5.9				
505	Raw Sewage VFD 1 PM	RPM							
507	Raw Sewage VFD 2 PM	RPM							
508	RS Pumping Electric Meter Reading AM	KWH		3921.00	- 58				X
509	RS Pumping Electric Meter Reading PM	KWH						-	
556	Influent Grab Temperature (Deg F)	Deg F		59.7	13				
E	xcess Raw Sewage Pumping St	ation							
566	Intermediate Sludge Wet Well Level AM	ft		3.50			İ		
567	Intermediate Sludge Wet Well Level PM	ft							
555	Excess Raw Sewage Protective Water SOURCE	TEXT	-	EFF ▼	-	-	•	-	
557	Intermediate Sludge Pump Selected 1 or 2 AM	Number		1 ▼	•	-	-	•	
558	Intermediate Sludge Pump Selected 1 or 2 PM	Number	-	-	•	*	~	▼	
	Emergency Generator Building								
484	Emergency Generator Diesel Volume in Storage	Gallons		7014.00	***				
564	Main Electric Screen 04- KW from COMED	READING		7678.00					
565	Main Electric Screen 06- KW to COMED	READING		1637.00	**	W S			
1809	Daily Diff Electric in from Comed	KWH		0.00					
1810	Daily Diff Electric out to Comed	KWH		3600.00					

	BOD and CBOD			Tuesda	ay, May	28, 2019
				nunununun Yunununununun		
347	DMR TESTING 001 BOD 5	12.20	mg/l			
356	DMR TESTING 002 BOD 5	12.20	mg/l			
365	DMR TESTING 003 BOD 5		mg/l			
374	DMR TESTING A01 BOD 5	42.80	mg/l			
384	DMR TESTING B01 BOD Carb 5	0.70	mg/l			
216	DMR TESTING B01 BOD 5	2.90	mg/l			
399	DMR TESTING COT BOD 5		mg/l			
407	DMR TESTING Influent BOD 5	112.00	mg/l			
281	PRIMARY Primary Clar BOD 5	65	mg/l			
285	INTERMEDIATE CLARIFIERS Intermediate Clar BOD Carb 5	3.8	mg/l			

	Dig 3 to Beds/Lagoons				Monday, June 10, 2019	
1466	Sludge Bed 5 Flow from D3		GPD	1266	Curtiss Lagoon Flow Gpd from D3	GF
1242	Sludge Bed 6 Flow Gpd from D3		GPD	1267	Northeast Lagoon Flow Gpd from D3	GF
1243	Sludge Bed 7 Flow Gpd from D3		GPD			
1244	Sludge Bed 8 Flow Gpd from D3		GPD			
1245	Sludge Bed 9 Flow Gpd from D3		GPD			
1246	SLudge Bed 10 Flow Gpd from D3		GPD			
1247	Sludge Bed 11 Flow Gpd from D3		GPD			
1248	SLudge Bed 12 Flow Gpd from D3	Ŷ	GPD			
1249	Sludge Bed 13 Flow Gpd from D3		GPD			
1250	Sludge Bed 14 Flow Gpd from D3		GPD			
1251	Sludge Bed 15 Flow Gpd from D3		GPD			
1252	Sludge Bed 16 Flow Gpd from D3	5	GPD			
1253	Sludge Bed 17 Flow Gpd from D3		GPD			
1254	Sludge Bed 18 Flow Gpd from D3		GPD			
1255	Sludge Bed 19 Flow Gpd from D3		GPD			
1256	Sludge Bed 20 Flow Gpd from D3	Ů	GPD			
1257	Sludge Bed 21 Flow Gpd from D3		GPD			
1258	Sludge Bed 22 Flow Gpd from D3		GPD			
1259	Sludge Bed 23 Flow Gpd from D3		GPD			
1260	Sludge Bed 24 Flow Gpd from D3		GPD			
1261	Sludge Bed 25 Flow Gpd from D3		GPD			
1262	Sludge Bed 26 Flow Gpd from D3		GPD			
1263	Sludge Bed 27 Flow Gpd from D3	31248.00	GPD			
1264	Sludge Bed 28 Flow Gpd from D3	9	GPD			
1265	Sludge Bed 29 Flow Gpd from D3		GPD			

	BED5 LOAD	BED6 LOAD	BED7 LOAD	BED8 LOAD	BED9 LOAD	BED10 LOAD	BED11 LOAD	BED12 LOAD	BED13 LOAD	BED14 LOAD	BED15 LOAD	BED16 LOAD	BED17 LOA
Month	Gals	Gals	Gals	Gals	Gals	Gals	Gals	Gals	Gals	Gals	Gals	Gals	Gals
Jan 2018	5,628	5,628	5,180	5,180	21,920	21,920					69,936	30,240	40,810
Feb 2018					8,138	8,138					21,000	35,500	14,500
Mar 2018	7,928	7,928	12,495	12,495	22,515	22,515					11,865	11,865	11,865
Apr 2018			1,260	1,260						85,680	3,150	3,150	6,733
May 2018											13,860	13,860	
Jun 2018	23,800	32,900	24,360	24,360	23,520	23,520							
Jul 2018													
Aug 2018	20,832	20,832	38,220	38,220	17,112	17,112							70,980
Sep 2018										79,800	68,040		
Oct 2018	22,470	22,470	30,030	30,030									
Nov 2018					23,310	23,310							
Dec 2018	13,755	13,755	13,755	13,755	17,745	17,745					35,490		46,200
Total	94,413	89,774	125,300	125,300	134,260	134,260				165,480	223,341	94,615	191,088
Average	7,868	7,481	10,442	10,442	11,188	11,188				13,790	18,612	7,885	15,924

BED18 LOAD BED19 LOAD BED20 LOAD BED21 LOAD BED22 LOAD BED23 LOAD BED24 LOAD BED25 LOAD BED26 LOAD BED27 LOAD BED28 LOAD BED29 LOAD TOTAL LOAD Month Gals 15,750 15,750 15,750 Jan 2018 15,750 10,570 10,570 10,808 301,390 3,240 3,240 Feb 2018 29,358 29,358 8,137 8,137 11,377 13,129 9,960 9,960 3,240 216,412 Mar 2018 11,865 7,928 7,928 7,927 7,927 7,927 7,927 10,020 10,020 10,020 10,020 231,000 10,020 Apr 2018 10,933 187,032 6,733 10,933 10,933 6,733 6,733 10,933 10,933 10,935 May 2018 27,720 Jun 2018 20,160 20,160 192,780 Jul 2018 28,770 28,770 19,740 19,740 47,040 47,040 230,580 39,480 Aug 2018 64,680 37,380 37,380 20,370 20,370 40,320 443,808 Sep 2018 23,940 23,940 24,780 24,780 40,320 32,340 32,340 33,480 383,760 Oct 2018 25,200 25,200 155,400 Nov 2018 37,800 7,140 30,240 121,800 15,120 15,120 Dec 2018 20,160 242,760 20,160 83,278 121,089 121,089 120,867 120,867 110,667 112,419 107,130 69,330 128,003 120,865 127,268 2,734,442 Total 6,940 10,091 10,091 10,072 9,222 9,368 8,928 5,778 10,667 10,072 10,606 227,870 10,072 Average

Downers Grove Sanitary District June 2019

Monthly Operations Report Page 1

	WWTC Rainfall	B01 Parshall Flume Flow Max	B01 Parshall Flume Flow Min	B01 Parshall Flume Flow Avg	A01 Parshall Flume Flow Max	A01 Parshall Flume Flow Avg	C01 Int Clar #1 Flow Max Mgd	C01 Int Clar #1 Flow Avg Mgd	Outfall 003 Flow Max Mgd	Outfall 003 Flow Avg Mgd	Total Flow Max Mgd	Total Flow Avg Mgd	002 Outfall Flow Avg Mgd
Date	inches	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD
6/1/2019	0.02	19.60	13.55	15.44	0.00	0.00	0.00	0.00	0.00	0.00	19.60	15.44	0.00
6/2/2019	0.00	15.77	9.55	12.93	0.00	0.00	0.00	0.00	0.00	0.00	15.77	12.93	0.00
6/3/2019	0.00	15.27	8.48	11.51	0.00	0.00	0.00	0.00	0.00	0.00	15.27	11.51	0.00
6/4/2019	0.28	18.77	7.60	12.27	0.00	0.00	0.00	0.00	0.00	0.00	18.77	12.27	0.00
6/5/2019	0.58	23.34	10.62	16.43	0.00	0.00	0.00	0.00	0.00	0.00	23.34	16.43	0.00
6/6/2019	0.00	15.98	8.85	12.65	0.00	0.00	0.00	0.00	0.00	0.00	15.98	12.65	0.00
6/7/2019	0.00	15.37	7.99	11.01	0.00	0.00	0.00	0.00	0.00	0.00	15.37	11.01	0.00
6/8/2019	0.00	15.06	7.14	10.18	0.00	0.00	0.00	0.00	0.00	0.00	15.06	10.18	0.00
6/9/2019	0.00	12.27	6.48	9.69	0.00	0.00	0.00	0.00	0.00	0.00	12.27	9.69	0.00
6/10/2019		3	4	*			0.00	0.00	0.00	0.00	0.00	0.00	2
6/11/2019										11/1			
6/12/2019			*								2	ő.	
6/13/2019													
6/14/2019													
6/15/2019													
6/16/2019													
6/17/2019													
6/18/2019		8	8			: :					(A)		
6/19/2019			¥		*	3							*
6/20/2019			2.	× ·									-1
6/21/2019				*								*	
6/22/2019													
6/23/2019													
6/24/2019													
6/25/2019													
6/26/2019			4	*		× .					e -	(*)	2
6/27/2019													
6/28/2019			*						*		2		
6/29/2019													*
6/30/2019													
Minimum	0.00	12.27	6.48	9.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.58	23.34	13.55	16.43	0.00	0.00	0.00	0.00	0.00	0.00	23.34	16.43	0.00
Total	0.88	151.42	80.27	112.11	0.00	0.00	0.00	0.00	0.00	0.00	151.42	112.11	0.00
Average	0.10	16.83	8.92	12.46	0.00	0.00	0.00	0.00	0.00	0.00	15.14	11.21	0.00

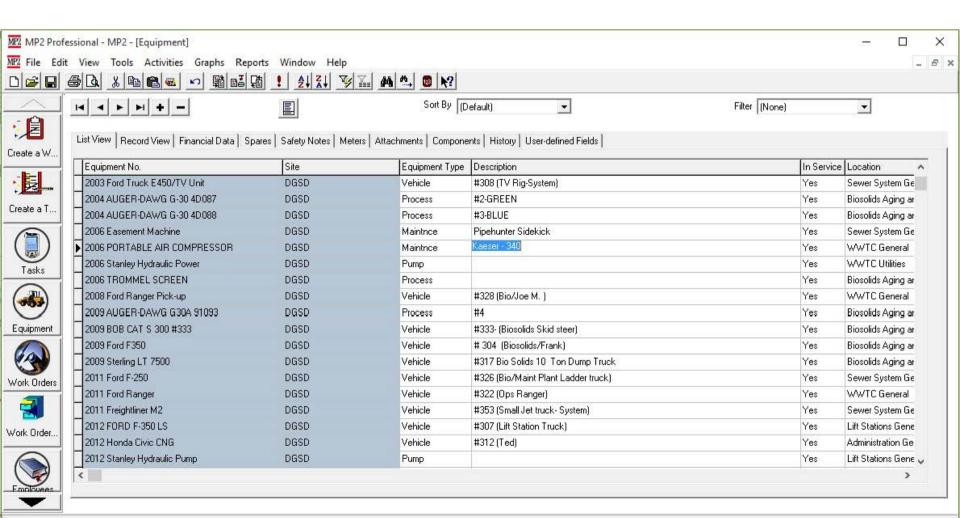
	822	1470	829	831	814	832	833	915	383	2181	834	835	556
	Aeration Tanks Avg Settleability 30 Avg	MLSS Daily Average	Aeration Tanks Sludge Volume Index AVG	Aeration Tanks Solids Inventory	WAS Flow to Conc Flow Mgd RAS Systems	Conc Inf Solid TSS Load	Aeration Tanks SRT Days	F/M Ratio	B01 Ammonia N	Ammonia Analyzer daily avg data	Aeration Tanks Target SRT	Aeration Tanks Wasting Rate Calc Gpm	Influent Grab Temperature (Deg F)
	mL/L	mg/L	mL/g	LBS	gpd	lbs/day	DAYS	lb/lb	mg/l	mg/l	DAYS	GPM	Deg F
1 Sat		1001200	2000	111635.66	166206	10874.41	10.27	-		0.21		98.68	
2 Sun				111635.66	167110	10933.56	10.21		0.05	0.01		98.68	
3 Mon	45	2999	149.12	111779.76	166894	11271.57	9.92		0.04	0.02	12.00	95.72	58.6
4 Tue	39	2811	139.67	109354.63	166430	11240.24	9.73		0.23	0.35		93.65	58.5
5 Wed	24	2317	100.71	103316.04	160719	9067.78	11.39		0.19	0.22		105.91	59.0
6 Thu	33	2869	115.08	112942.34	155973	8800.01	12.83		0.03	0.06		115.78	59.2
7 Fri	32	2914	110.49	111153.25	164901	8999.80	12.35			0.09		117.79	
8 Sat				111153.25	166982	9113.37	12.20			0.19		117.79	
9 Sun				111153.25	167113	9120.52	12.19		0.04	0.02		117.79	
10 Mon	26			110155.51	***************************************				1			116.73	59.7
11 Tue													
12 Wed													
13 Thu													
14 Fri													
15 Sat													
un 16 Sun													
17 Mon													
18 Tue									1				
19 Wed													
20 Thu													
21 Fri													
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28 Fri	+												
29 Sat													
30 Sun													

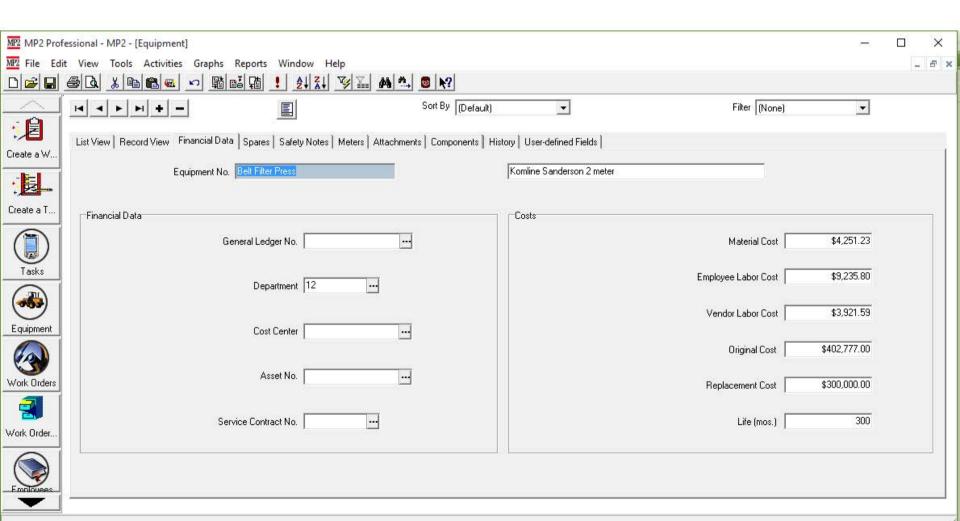
MP2

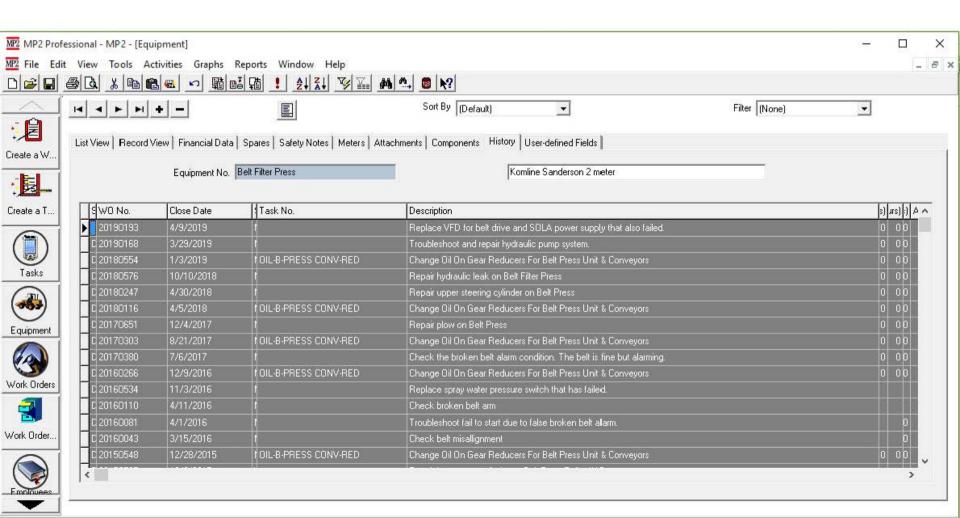
- Open Architecture SQL Database
- Multiple Seats
- Simple Interface
- Data Summaries and Reporting

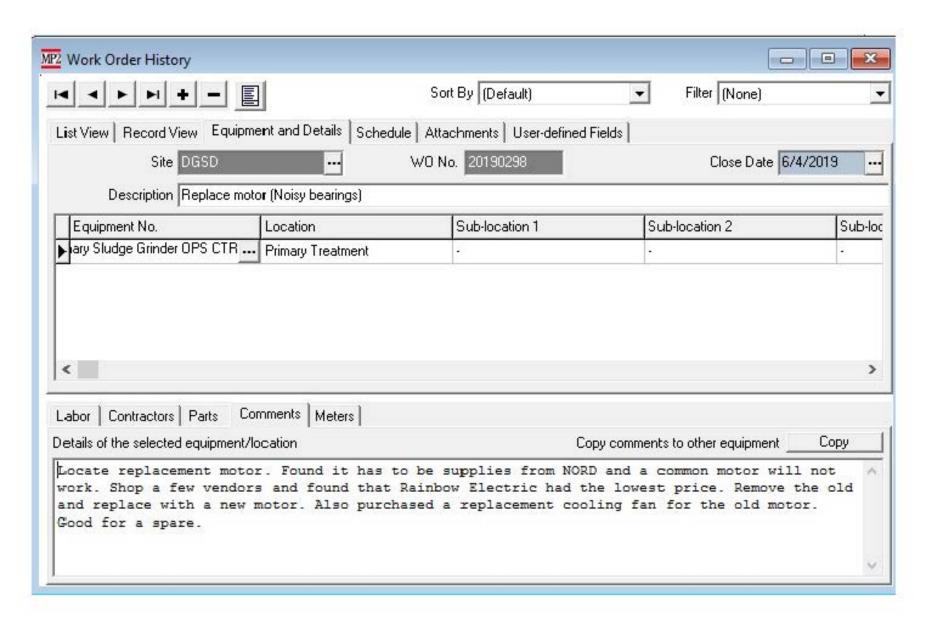












Work Assignment	Completion Date	Eq uipm ent	NOTATIONS
Monthly Liquid Status of Under Ground Diesel Tank	5/8/2019	Emerg Gen Diesel Storage Tank	
Replace 8 rear tires on 317	5/7/2019	2009 Sterling LT 7500	
Replace V belt on East concentrator and replace parts		Concentration Tank 1	
30,282 Hours. Repair Exhaust leak & replace failed PLC Magnetic sensor.	5/1/2019	CHP Engine Genset	Replaced Y- Pipe to turbo gasket with new. Replaced PLC (2 prong) magnetic pickup sensor with new.
Troubleshoot low hypo feed capabilities.	5/2/2019	Hypochlorite Feed Pump 1	Found the 1" discharge piping between the pumps and the 3" line that leaves the building was severely clogged. It was chocked down to only about 1/4". Replace all of the 1" piping after the pumps and replace the clogged pressure relief valves and pump dis
		Hypochlorite Feed Pump 2	
Fabricate a pneumatic plug assembly to blow out the scum drain lines.		Intermediate Clarifier 1	Fabricate a pneumatic plug assembly to blow out the scum drain lines. Use the new blow out tool to clear the clogged drain lines on the 3 clarifiers.
		Intermediate Clarifier 2	
		Intermediate Clarifier 3	
30,327 hours . Perform 1500 hour service	5/3/2019	CHP Engine Genset	Performed oil and filter change, sent oil for laboratory analysis. Adjusted valves and checked filters and fittings. Replaced Ignition wires and valve cover gaskets. Checked cylinder compression and documented cylinder condition with borescope.
4,139 / 13,755 hours. Perform 700 hour oil and filter change.		CHP Engine Genset #2	Replaced oil and filters with new. Sent oil to laboratory for analysis.
Replace A/C Compressor that failed & engine noise from drive pulleys.	5/7/2019	2011 Ford F-250	A-Len Radiator replaced the A/C compressor, flushed & re- filled system with refrigerant. Also replaced the serpentine belt and the belt tensioner.
Replace high temp probe that failed.	5/8/2019	Portable Generator 200	Locate a replacement proble, drain coolant, remove old proble and install new. Re-fill with coolant and test operation.
Check, Remove, Clean. Grease- debris from wells	5/22/2019	Excess Flow Pump Station	Clean Bird Cage units and verify level settings.
		Raw Sewage Pump Station	
Exercise Of EBARA and Excess Pumps	5/1/2019	Excess Flow Pump 06	

E QUIPMENT NAME		LABOR COSTS	PARTS COSTS	VENDOR COSTS	TOTAL COSTS
Conc Tank Moyno Sludge Pump 3	(3 work orders)	\$129.81	\$547.12		\$676.93
Concentration Tank 1	(2 work orders)	\$323.56		\$38.34	\$361.90
Concentration Tank 2	(1 work order)	\$123.52			\$123.52
Curtiss St Bio Give-Away Stn	(1 work order)	\$2,907.18	\$248.19		\$3,155.37
Curtiss St Sludge Lagoons	(1 work order)	\$241.44		\$12,505.00	\$12,746.44
Digester 1 and 2 Control B1dg	(12 work orders)	\$4,732.75	\$3,873.52		\$8,606.27
Digester 1 Heat Exchanger	(13 work orders)	\$109.65	\$78.55		\$188.20
Digester 1 Mixing Pump	(5 work orders)	\$888.80	\$1,258.91		\$2,147.71
Digester 1 Sludge Recirc Pump	(2 work orders)	\$6.94			\$6.94
Digester 1 Sludge Trnsfr Pump	(2 work orders)	\$6.94			\$6.94
Digester 2 Heat Exchanger	(11 work orders)	\$51.26			\$51.26
Digester 2 Mixing System	(7 work orders)	\$1,543.48	\$608.34		\$2,151.82
Digester 2 Sludge Recirc Pump	(2 work orders)	\$6.94			\$6.94
Digester 2 Sludge Trnsfr Pump	(2 work orders)	\$6.94			\$6.94
Digester 3	(2 work orders)	\$13.54			\$13.54
Digester 3 Control Building	(10 work orders)	\$134.64	\$15.05		\$149.69
Digester 3 Gas Booster 1	(1 work order)	\$112.56	\$250.00		\$362.56
Digester 3 Heat Exchanger	(13 work orders)	\$576.54	\$2,127.10		\$2,703.64
Digester 3 Protected Water Sys	(1 work order)	\$0.00			\$0.00
Digester 4 - 5 Control Buildg	(11 work orders)	\$185.50	\$29.17		\$214.67
Digester 4 - 5 S1 Recro Pmp 5	(1 work order)	\$75.04	\$223.15		\$298.19
Digester 4 - 5 S1 Recrc Pmp 6	(1 work order)	\$131.22	\$223.15		\$354.37
Digester 4 Heat Exchanger	(14 work orders)	\$1,191.22	\$4,084.77		\$5,275.99
Digester 4 Mixing System	(8 work orders)	\$1,599.83	\$18,588.73	\$750.00	\$20,938.56

MP2 Data is Used For:

- Maintenance Scheduling / Planning
- Fixed Asset Accounting
- Condition Assessment
- Budgeting / Prioritization for Projects
- Recording Service History

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

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Nicholas J. Menninga General Manager

FROM: W. Clay Campbell

Administrative Supervisor

DATE: June 14, 2019

RE: Progress Report – May, 2019

ADMINISTRATIVE

Personnel

Alex Bielawa, the District's engineer, started with the District on June 10. Irene Taylor will be retiring from the District on June 30. Irene has worked for the District for over twenty-six years as both an Accounting Assistant and an Administrative Assistant in the Administration Department.

Safety Committee

The Safety Committee did not meet in May, but we are currently exploring assigning safety responsibilities to a part-time Administration staff member to facilitate more consistently held safety committee meetings, maintain better track of the condition and replacement of the District's safety assets and coordination with Adam Cioni and Bill Smith as the District's safety representatives out in the field.

Office Reconfiguration

We have nearly completed the minor remodeling of the office to have two new workstations where Alyssa Caballero, our Information Coordinator, and Jessica Gwozdz, our Part-Time Document Scanner, are stationed. We will be putting the last finishing touches on those workspaces in the next month or two.

Group Health Insurance Open Enrollment

Employee enrollment was completed on May 31 with 34 employees making the following plan selections (retirees not included):

Option 1 (Platinum HMO – Advocate Only): 0 (0%) Option 2 (Platinum HMO): 22 (64%) Option 3 (Gold Hybrid PPO): 11 (32%)

Waiver of Medical: 1 (3%)

Flexible Compensation Plan

Employees received materials on April 17 for an open enrollment window through May 17 for participation in the District's Flexible Compensation Plan that provides tax savings through payroll deductions for both out-of-pocket eligible medical expenses and dependent care expenses. We have 8 employees participating with a total deferral amount of \$16,810.

Technology Update

Jessie Gwozdz's work digitizing the District's BSSRAP files is almost complete – we anticipate this project will be complete in July once we wrap up some last few pieces of the project.

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

- We are still testing the Mobile-911 alarming software.
- District-wide switch infrastructure firmware upgrades this is complete.
- Pricing out potential replacement of the District's network-allocated storage devices and drives used for data backups (the units are in great shape, but they were deployed in 2011 and we should consider alternatives for the next budget year).
- Final resolution of the alarming node replacements (final hardware migration of Dialogix dialer cards) this is planned for June completion.

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:	59
# of Customers paying their bills online in the last month:	1104
Amount of Money processed through the Portal in the last month:	\$60,786.95
# of Customers signing up for Autopay through the Portal in the last month:	28
# of Customers enrolled in paperless billing in the last month:	28
# of customers registered for pay by text in the last month:	36
Cost to District for providing Invoice Cloud service in the last month:	\$319.80
Cost to District's customers (convenience fees) in the last month:	\$1,924.05
Estimated Monthly savings from customers enrolled in paperless billing:	\$54.72
# of Customers registered from launch through last month:	4,015
# of Customers signing up for Autopay through the Portal from launch through last month:	1,055
# of Customers enrolled in paperless billing from launch through last month:	1,824
# of customers registered for pay by text from launch through last month:	1,135

FINANCIAL

Annual Audit

Audit fieldwork with Lauterbach & Amen, LLP occurred on May 20 - May 23. It is anticipated that the Annual Audit will be presented to the Board at the regular meeting on August 20.

Treasurer's Report and Investment Activity

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

User Billing

Detailed billing information is attached to this report.

CODE ENFORCEMENT & UNSEWERED AREAS

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

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

Sewer Permitting Process

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

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

USER BILLING SUMMARY

User Charge System

Billings for May 2019 were as follows:

User	\$233,868.70
Surcharge	17,601.18
Monthly fees	350,207.92
Total	\$601,677.80
Summer Usage Adjustment	\$0.00
Billable Flow	137,569,824
Budgeted Billable Flow	135,888,399
% Actual/Budgeted Billable Flow	101.24%
YTD Billable Flow	137,569,824
YTD Budgeted Billable Flow	135,888,399
% Actual/Budgeted Billable Flow	101.24%

The user accounts receivable balance on 5/31/2019 is \$577,886.54 and consists of:

Current charges due 5/15/19	\$477,979.80
Past due charges and penalty	99,906.74
Total	\$577.886.54

The past due charges represent:

Age	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>		
30 days past due 60 days past due 90 days & greater past due	\$33,034.94 13,697.11 41,508.51	\$4,452.40 2,115.21 5,098.57	\$37,487.34 15,812.32 46,607.08		
Totals	\$88,240.56	\$11,666.18	\$99,906.74		

Summary of Past Due Charges (90 Days and Over)

Five Year Comparison

May

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2019	\$41,508.51	\$5,098.57	\$46,607.08 ***
2018	48,401.71	6,633.70	55,035.41 **
2017	33,590.89	4,991.96	38,582.85 *
2016	47,846.34	6,427.00	54,273.34 *
2015	44,804.25	6,542.01	51,346.26 *

^{***}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.

Twelve Months Ending May 2019

Month	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>		
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		
8/31/18	43,522.44	6,201.77	49,724.21		
7/31/18	42,514.28	5,727.42	48,241.70		
6/30/18	41,261.64	5,562.91	46,824.55		

Eleven (11) of twenty-two (22) delinquent accounts that were scheduled for pre-enforcement conferences on May 15, 2019 have paid in full. One account from 2012 and another from 2014 are the only two remaining sewer disconnections.

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

^{*}Includes \$12,295.03 in sewer disconnection costs on 4 accounts.

To: Nick Menninga, General Manager

From: Marc Majewski, Operations Supervisor

Re: Month of May, 2019 WWTC Operations Report.

Date: June 12, 2019

Attached please find detailed operating data and our monthly report to Illinois EPA for May. We had 1 excursion for TSS at outfall 003 in May, which occurred during the heavy storm of May 1.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 18.06 MGD. Total precipitation at the WWTC was 8.71". There were 10 days of excess flow during the month of April. All 31 days were over 11 MGD.
- Activated sludge: Sludge settleability saw some improvement over April with warming temperatures and filamentous control applying hypochlorite to the return activated sludge. Nitrification performance was satisfactory, and phosphorus removal continued to respond well to carbon addition in the form of hauled sugary wastewater into the anaerobic zone.
- Anaerobic Digesters: Pumped a total of 1,166,064 gallons of primary sludge, 860,270 gallons of WAS, and 294,073 gallons of waste grease for a total of 2,320,407 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 51.8% for April.
- Digester gas: Total digester gas production was 7,940,698 cubic feet. 2,283 cubic feet of gas was used for anaerobic digestion heat, and 6,967,806 cubic feet was used in the CHP facilities. 462,679 cubic feet of flared gas was recorded during the month. Natural gas was used for hot water and building heat. The Munters dehumidifier used 507,930 cubic feet of gas.
- Bio-solids: The very slow start for bio-solids drying and deliveries continues due to the wet weather. Only 164 cubic yards were distributed in the month of May.
- Miscellaneous Items: Operators continue with PM work on equipment. Jeff, Reese and I organized a lunch cook-out for plant and system staff following the heavy rain events early in the month.
- Electricity: Overall net energy from ComEd was: -19,802 KW-Hrs. Electricity Generated by the CHP system was 453,588 KW-Hrs. Monthly net energy (including natural gas usage) was -15 MW-Hrs for the month of May.

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

Downers Grove Sanitary District May 2019

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
5/1/2019	1.05	30.00	9.04	22.83	38.44	30.12	16.00	8.75	20.00	2.18	104.44	63.89	45.27
5/2/2019	0.41	24.45	20.31	20.98	24.48	14.11	0.00	0.00	0.00	0.00	48.93	35.10	16.08
5/3/2019	0.01	26.26	20.15	21.71	10.29	3.90	0.00	0.00	0.00	0.00	36.55	25.61	2.85
5/4/2019	0.00	25.51	19.41	20.73	0.00	0.00	0.00	0.00	0.00	0.00	25.51	20.73	0.00
5/5/2019	0.00	22.72	14.38	18.54	0.00	0.00	0.00	0.00	0.00	0.00	22.72	18.54	0.00
5/6/2019	0.00	19.03	11.57	14.51	0.00	0.00	0.00	0.00	0.00	0.00	19.03	14.51	0.00
5/7/2019	0.73	22.71	12.54	19.81	3.93	0.42	0.00	0.00	0.00	0.00	26.64	20.23	0.00
5/8/2019	0.20	22.03	15.17	19.09	0.00	0.00	0.00	0.00	0.00	0.00	22.03	19.09	0.00
5/9/2019	0.83	27.83	18.78	21.69	40.17	17.06	0.00	0.00	0.00	0.00	68.01	38.74	16.57
5/10/2019	0.00	27.69	19.87	22.65	5.16	0.17	0.00	0.00	0.00	0.00	32.85	22.82	0.04
5/11/2019	0.09	24.55	14.61	18.90	0.00	0.00	0.00	0.00	0.00	0.00	24.55	18.90	0.00
5/12/2019	0.11	21.67	13.59	16.74	0.00	0.00	0.00	0.00	0.00	0.00	21.67	16.74	0.00
5/13/2019	0.00	19.15	11.53	14.58	0.00	0.00	0.00	0.00	0.00	0.00	19.15	14.58	0.00
5/14/2019	0.00	16.96	8.41	13.13	0.00	0.00	0.00	0.00	0.00	0.00	16.96	13.13	0.00
5/15/2019	0.00	15.50	8.55	11.90	0.00	0.00	0.00	0.00	0.00	0.00	15.50	11.90	0.00
5/16/2019	0.10	15.84	7.93	12.01	0.00	0.00	0.00	0.00	0.00	0.00	15.84	12.01	0.00
5/17/2019	0.27	15.48	11.23	13.08	0.00	0.00	0.00	0.00	0.00	0.00	15.48	13.08	0.00
5/18/2019	0.47	25.81	9.21	15.27	0.00	0.00	0.00	0.00	0.00	0.00	25.81	15.27	0.00
5/19/2019	0.34	26.03	15.31	19.90	0.00	0.00	0.00	0.00	0.00	0.00	26.03	19.90	0.00
5/20/2019	0.00	21.17	14.33	16.46	0.00	0.00	0.00	0.00	0.00	0.00	21.17	16.46	0.00
5/21/2019	0.10	20.25	11.18	14.21	0.00	0.00	0.00	0.00	0.00	0.00	20.25	14.21	0.00
5/22/2019	0.70	26.69	14.46	22.05	17.68	4.96	0.00	0.00	0.00	0.00	44.37	27.00	3.93
5/23/2019	0.06	24.11	19.78	20.34	0.00	0.00	0.00	0.00	0.00	0.00	24.11	20.34	0.00
5/24/2019	0.23	21.53	14.35	17.74	0.00	0.00	0.00	0.00	0.00	0.00	21.53	17.74	0.00
5/25/2019	0.00	20.90	13.97	15.75	0.00	0.00	0.00	0.00	0.00	0.00	20.90	15.75	0.00
5/26/2019	0.01	15.66	10.05	12.93	0.00	0.00	0.00	0.00	0.00	0.00	15.66	12.93	0.00
5/27/2019	1.71	29.08	8.87	16.57	46.21	11.28	0.00	0.00	0.00	0.00	75.30	27.85	11.92
5/28/2019	0.87	25.16	20.57	21.78	28.62	10.13	0.00	0.00	0.00	0.00	53.78	31.90	8.67
5/29/2019	0.19	27.28	21.31	22.37	40.00	18.70	0.00	0.00	0.00	0.00	67.28	41.06	17.90
5/30/2019	0.23	24.17	20.77	21.79	11.49	3.39	0.00	0.00	0.00	0.00	35.66	25.18	1.36
5/31/2019	0.00	23.82	18.51	19.97	0.00	0.00	0.00	0.00	0.00	0.00	23.82	19.97	0.00
Minimum	0.00	15.48	7.93	11.90	0.00	0.00	0.00	0.00	0.00	0.00	15.48	11.90	0.00
Maximum	1.71	30.00	21.31	22.83	46.21	30.12	16.00	8.75	20.00	2.18	104.44	63.89	45.27
Total	8.71	709.05	449.74	560.00	266.47	114.23	16.00	8.75	20.00	2.18	1,011.52	685.17	124.59
Average	0.28	22.87	14.51	18.06	8.60	3.69	0.52	0.28	0.65	0.07	32.63	22.10	4.02

Downers Grove Sanitary District May, 2019

	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
5/1/2019	22.83		94,301	58.29							
5/2/2019	20.98		94,301	00.20							7.7
5/3/2019	21.71	2,432	104,798	26.29	42	31	23	126		5,605	7.7
5/4/2019	20.73	2,402	104,798	18.08	72	31	25	120		0,000	
5/5/2019	18.54		104,798	18.40							
5/6/2019	14.51	3,137	120,820	17.94	73	51	32	163		6,321	8.4
5/7/2019	19.81	2,040	111,896	15.05	39	28	21	136	4,428	0,321	0.4
5/8/2019	19.09	2,040	122,115	16.87	43	32	24	127	4,420	6,193	8.2
5/9/2019	21.69	2,067	103,506	15.04	37	27	20	129	4,154	0,193	6.9
5/10/2019	22.65	1,938	93,431	17.69	35	26	21	131	4,104	4,983	0.9
5/10/2019	18.90	1,930	93,431	16.36	35	20	21	131		4,963	
5/11/2019	16.74		93,431	16.48							
5/13/2019	14.58	2,670	111,667	16.15	62	44	30	166		5,982	8.8
5/13/2019									4.000	5,962	
	13.13	3,127	125,583	17.56	75	58	39	184	4,689	F 202	9.1
5/15/2019	11.90 12.01	3,217	124,943	18.02 17.62	78 75	63	43 39	194	C 744	5,283	8.9
5/16/2019		3,192	127,829	12.27	68	58 53	36	181	6,741	0.042	
5/17/2019	13.08	3,016	126,459		08	53	36	173		8,043	
5/18/2019	15.27		126,459	11.34							
5/19/2019	19.90	0.500	126,459	11.41	4.5	0.5	0.4	400		0.000	0.0
5/20/2019	16.46	2,599	107,782	8.98	45	35	24	133	5.040	8,666	9.0
5/21/2019	14.21	2,777	110,617	9.22	58	41	30	148	5,319		9.0
5/22/2019	22.05		127,335	10.59			ļ . <u> </u>				
5/23/2019	20.34	1,962	100,106	8.32	26	20	17	102	4,493		7.9
5/24/2019	17.74	2,124	88,676	6.34	37	28	21	131		10,044	
5/25/2019	15.75		88,676	6.35							
5/26/2019	12.93		88,676	6.39							
5/27/2019	16.57		88,676	6.32							9.2
5/28/2019	21.78		103,574	7.42							
5/29/2019	22.37		111,062	7.98							5.7
5/30/2019	21.79	1,917	103,668	7.53	25	18	16	95	4,422		
5/31/2019	19.97	2,312	111,636	10.26	29	21	18	89		7,845	7.5
Minimum	11.90	1,917	88,675.65	6.32	24.50	18.25	15.75	88.83	4,154	4,983	5.7
Maximum	22.83	3,217	127,829.09	58.29	78.25	62.50	43.00	194.35	6,741	10,044	9.2
Total	560.00	43,037	3,341,507.89	436.55	845.25	631.25	451.50	2,407.63	34,246	68,965	106.3
Average	18.06	2,532	107,790.61	14.55	49.82	37.29	26.71	141.65	4,892	6,897	8.2

	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
5/1/2019	22.83	70	39	5.2				44	64	52.7
5/2/2019	20.98	72	49	6.0	3.4	595	85.4	41	50	53.2
5/3/2019	21.71	76						43	60	
5/4/2019	20.73							39	69	
5/5/2019	18.54							41	77	
5/6/2019	14.51	110			0.7	85	97.6	47	73	53.2
5/7/2019	19.81	118	49	6.3	1.1	182	95.4	43	54	54.1
5/8/2019	19.09	106	52	5.9	0.8	127	94.8	45	75	54.7
5/9/2019	21.69	86			2.1	380	91.9	49	68	54.7
5/10/2019	22.65							42	64	
5/11/2019	18.90							42	54	
5/12/2019	16.74							43	57	
5/13/2019	14.58							41	68	55.0
5/14/2019	13.13	248	81	2.1	8.0	88	98.7	37	77	56.1
5/15/2019	11.90	230	58	1.9	0.8	79	98.4	47	81	55.9
5/16/2019	12.01	218	80	2.1	1.0	100	98.5	55	79	56.5
5/17/2019	13.08							46	71	
5/18/2019	15.27							45	84	
5/19/2019	19.90							54	107	
5/20/2019	16.46							45	60	56.7
5/21/2019	14.21	165	64	3.1	2.4	284	97.2	46	56	57.2
5/22/2019	22.05	117	66	5.8	3.0	552	95.6	50	84	56.4
5/23/2019	20.34	133	76	4.0	2.7	458	95.9	58	106	57.2
5/24/2019	17.74							55	78	
5/25/2019	15.75							71	87	
5/26/2019	12.93							57	81	
5/27/2019	16.57	154			1.0	138	98.3	52	76	
5/28/2019	21.78	112	65	3.8	0.7	127	97.4	53	87	57.1
5/29/2019	22.37	86	62	3.1	0.9	168	96.9	53	82	57.2
5/30/2019	21.79	240						60	85	57.6
5/31/2019	19.97							57	87	
Minimum	11.90	70	39	1.9	0.70	79	85.4	37	50	52.7
Maximum	22.83	248	81	6.3	3.40	595	98.7	71	107	57.6
Total	560.00	2,341	741	49.3	21.40	3,363	1,342.0	1,498	2,301	945.5
Average	18.06	138	62	4.1	1.53	240	95.9	48	74	55.6

	Tertiary Flow MGD	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent	Tertiary Effluent	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
					TSS	TSS Load					
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
5/1/2019	22.83	84	39	20.8				7.4	7.5	7.2	7.4
5/2/2019	20.98	56	51	23.8	9.8	1,715	82.5	7.7	7.7	7.3	7.4
5/3/2019	21.71	68			9.7	1,757	85.7	7.6	7.7	7.2	7.3
5/4/2019	20.73	84			6.0	1,037	92.9				
5/5/2019	18.54	84			2.6	402	96.9				
5/6/2019	14.51	108	46	7.1	0.2	24	99.8	7.7	7.5	7.2	7.3
5/7/2019	19.81	84	41	27.5	4.4	727	94.8	7.7	7.6	7.1	7.2
5/8/2019	19.09	110	56	23.0	1.4	223	98.7	7.7	7.7	7.3	7.4
5/9/2019	21.69	84	52	84.0	6.1	1,103	92.7	7.6	7.5	7.2	7.2
5/10/2019	22.65	88			3.6	680	95.9	7.7	7.6	7.2	7.3
5/11/2019	18.90	92			1.0	158	98.9				
5/12/2019	16.74	104			0.5	70	99.5				
5/13/2019	14.58	132	60	5.2	0.4	49	99.7	7.7	7.6	7.4	7.3
5/14/2019	13.13	272	80	2.6	0.4	44	99.9	7.6	7.6	7.2	7.3
5/15/2019	11.90	190	32	2.4	0.6	60	99.7	7.6	7.6	7.3	7.2
5/16/2019	12.01	195	58	3.0	0.6	60	99.7	7.6	7.5	7.3	7.2
5/17/2019	13.08	140			0.4	44	99.7	7.7	7.6	7.3	7.2
5/18/2019	15.27	156			1.4	178	99.1				
5/19/2019	19.90	90			1.0	166	98.9				
5/20/2019	16.46	148	56	4.3	1.1	151	99.3	7.7	7.5	7.3	7.5
5/21/2019	14.21	176	74	6.7	0.8	95	99.5	7.6	7.6	7.2	7.4
5/22/2019	22.05	104	57	17.8	2.0	368	98.1	7.6	7.4	7.1	7.3
5/23/2019	20.34	88	67	10.2	1.0	170	98.9	7.6	7.6	7.2	7.4
5/24/2019	17.74	120			0.5	74	99.6	7.6	7.4	7.2	7.3
5/25/2019	15.75	120			0.2	26	99.8				
5/26/2019	12.93	112			0.2	22	99.8				
5/27/2019	16.57	232	115	21.0	0.9	124	99.6	7.7	7.6	7.2	7.1
5/28/2019	21.78	116	77	14.9	1.1	200	99.1	7.5	7.6	7.1	7.3
5/29/2019	22.37	80	81	15.4	1.9	354	97.6	7.5	7.6	7.3	7.4
5/30/2019	21.79	124	84	12.3	1.0	182	99.2	7.6	7.7	7.3	7.4
5/31/2019	19.97	104			0.3	50	99.7	7.6	7.8	7.2	7.2
Minimum	11.90	56	32	2.4	0.2	22	82.5	7.4	7.4	7.1	7.1
Maximum	22.83	272	115	84.0	9.8	1,757	99.9	7.7	7.8	7.4	7.5
Total	560.00	3,745	1,126	302.0	61.1	10,311	2,925.2	175.3	174.5	166.3	168.0
Average	18.06	121	63	16.8	2.0	344	97.5	7.6	7.6	7.2	7.3

Downers Grove Sanitary District

May, 2019

MONTHLY OPERATIONS REPORT PAGE 5

	Tertiary	Influent	Tertiary	Tertiary Effluent	Chlorine	Fecal
	Flow	Ammonia-N	Ammonia-N	Ammonia-N Load	Residual	Coliform
Date	MGD	mg/l	mg/l	lbs/day	mg/l	col/100ml
5/1/2019	22.83	3.16	J	. ,	<u> </u>	
5/2/2019	20.98	4.54	0.49	85.8	0.03	60
5/3/2019	21.71				0.01	
5/4/2019	20.73					49
5/5/2019	18.54	9.36				
5/6/2019	14.51	12.24	0.67	81.1	0.02	
5/7/2019	19.81	8.86	0.72	118.9		5
5/8/2019	19.09	10.46	1.44	229.2	0.01	27
5/9/2019	21.69	4.16	0.49	88.6		
5/10/2019	22.65					
5/11/2019	18.90					
5/12/2019	16.74	11.12				
5/13/2019	14.58	11.28	0.34	41.3	0.03	
5/14/2019	13.13	15.24	0.32	35.0	0.02	2
5/15/2019	11.90	18.40	0.31	30.8	0.04	3
5/16/2019	12.01	16.64	0.17	17.0	0.00	
5/17/2019	13.08				0.04	
5/18/2019	15.27					
5/19/2019	19.90	7.88	0.12	19.9		
5/20/2019	16.46	12.20	0.29	39.8	0.05	
5/21/2019	14.21	15.44	0.32	37.9	0.01	0
5/22/2019	22.05	5.92	0.09	16.5		50
5/23/2019	20.34	9.48	0.62	105.2	0.04	
5/24/2019	17.74				0.04	
5/25/2019	15.75					
5/26/2019	12.93	13.76	0.04	4.3		
5/27/2019	16.57	9.16	0.20	27.6	0.03	
5/28/2019	21.78	7.28	0.10	18.2		9
5/29/2019	22.37	4.56	0.03	5.6		7
5/30/2019	21.79				0.03	
5/31/2019	19.97				0.02	
Minimum	11.90	3.16	0.03	4.3	0.00	0.0
Maximum	22.83	18.40	1.44	229.2	0.05	60.0
Total	560.00	211.14	6.76	1,002.9	0.42	212.0
Average	18.06	10.05	0.38	55.7	0.03	12.5

SLUDGE DATA					
Primary Sludge	TS	3.67	%	1,166,064	Gallons
WAS to Digesters	TS	2.87	%	860,270	Gallons
Hauled Grease to Digs	TS	8.90	%	294,073	Gallons
Anaerobically Digested Sludge Pur	nping				
Drying Beds	TS	3.00	%	85,260	Gallons
BFP	TS	1.84	%	1,332,821	Gallons
Lagoons	TS		%		Gallons
Total				1,418,081	Gallons
VS Destruction				51.8	%
Biosolids Disposal					
Pick-Up St	tation	May		46	Cu. Yds
Deliv	/ered	May		112	Cu. Yds
Contractor Pickup and District	t Use	May		6	Cu. Yds
	Total	May		164	Cu. Yds
Pick-Up St	tation	YTD		85	Cu. Yds
Deliv	/ered	YTD		276	Cu. Yds
Contractor Pick-Up and District	t Use	YTD		50	Cu. Yds
	Total	YTD		411	Cu. Yds
ENERGY DATA					
Total Digester Ga	s Prod	luction		7,940,698	SCF
Gas Volume per Volatile	Solids	s Load		11.6	Cu.Ft./Lb.
<u>Digester Gas Utilization</u>					
Heat	Exch	angers		2,283	SCF
Deh	umidif	ication		507,930	SCF
		CHP		6,967,806	SCF
		Total		7,478,019	SCF
<u>Digester Gas Flared</u>				462,679	SCF
Natural Gas Consumed					
	V	VWTC		8,800	
		MSB		4,900	
		al Feed		2,500	
	5006 \	Walnut			SCF
Kilowatt-hours Generated CHP				453,588	
Net energy from Comed				-19,802	KWH
Monthly net energy				-15	MWH
MISCELLANEOUS					
Grit Ren		May			Cu. Yds
Grit Ren		YTD			Cu. Yds
Anaerobic Supe	rnate			· ·	Gallons
Waste Activated SI					
City Water Consu	-				Gals/Day Gallons

Downers Grove Sanitary District

May, 2019

	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
5/1/2019	22.83											
5/2/2019	20.98	1.45	0.70	264.6	122.5	51.7						
5/3/2019	21.71											
5/4/2019	20.73											
5/5/2019	18.54											
5/6/2019	14.51											
5/7/2019	19.81											
5/8/2019	19.09	2.83	0.93	442.1	148.0	67.1						
5/9/2019	21.69											
5/10/2019	22.65											
5/11/2019	18.90											
5/12/2019	16.74											
5/13/2019	14.58						18.2	8.7	2,182.1	1,057.9	51.5	
5/14/2019	13.13											
5/15/2019	11.90	5.06	1.74	500.5	172.7	65.6						
5/16/2019	12.01											
5/17/2019	13.08											
5/18/2019	15.27											
5/19/2019	19.90											
5/20/2019	16.46											
5/21/2019	14.21	4.43	1.88	507.4	222.8	57.6						
5/22/2019	22.05											
5/23/2019	20.34											
5/24/2019	17.74											
5/25/2019	15.75											
5/26/2019	12.93											
5/27/2019	16.57											
5/28/2019	21.78											
5/29/2019	22.37											
5/30/2019	21.79	2.92	0.98	557.1	178.1	66.4						
5/31/2019	19.97											
Minimum	11.90	1.45	0.70	264.6	122.5	51.7	18.2	8.7	2,182.1	1,057.9	51.5	
Maximum	22.83	5.06	1.88	557.1	222.8	67.1	18.2	8.7	2,182.1	1,057.9	51.5	
Total	560.00	16.69	6.23	2,271.6	844.2	308.5	18.2	8.7	2,182.1	1,057.9	51.5	
Average	18.06	3.34	1.25	454.3	168.8	61.7	18.2	8.7	2,182.1	1,057.9	51.5	

DMR Copy of Record

Permit

Permit #: IL0028380

DOWNERS GROVE SANITARY DISTRICT Permittee:

Major: Yes

2710 CURTISS STREET PO BOX 1412 Permittee Address:

DOWNERS GROVE, IL 60515

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

Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

001 **Permitted Feature:**

External Outfall

Discharge: 001-0

COMBINED DISCHARGE FROM A01, B01, & C01

Report Dates & Status

Monitoring Period: From 05/01/19 to 05/31/19 **DMR Due Date:**

06/25/19

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 General Manager

Title:

Telephone: 630-969-0664

Last Name: Menninga No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	on Season	# Param. NODI			Quantit	y or Loading					Quality or Concen	tration			# 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			
				Sample					=	8.1	=	7.6	=	6.9	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						Req Mon MO AV	MN	Req Mon MN WK	AV	Req Mon DAILY MN	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample							=	8.7	=	17.2	19 - mg/L		DL/DS - Daily When Discharging	CP - COMPO
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.							<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample					=	7.2			=	7.7	12 - SU		05/DW - 5 Days Every Week	GR - GRAB
00400 pH	1 - Effluent Gross	0		Permit Req.					>=	6 MINIMUM			<=	MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample							=	4.2	=	14.9	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPO
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.							<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample							=	1.12	-	3.01	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPO
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVO	3	Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample									-	1.88	19 - mg/L		13/30 - 13 Per Month	CP - COMPO
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample							=	0.18			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req.							<=	.75 MO AVG			19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample									=	49	13 - #/100ml	_	15/30 - 15 Per Month	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	0		Permit Req.									<=	400 DAILY MX	13 - #/100ml	_ 0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI														
				Sample		=	558.4	80 - Mgal/mo	0								99/99 - Continuous	
82220 Flow, total	1 - Effluent Gross	0		Permit Req.			Req Mon MO TOTAL	80 - Mgal/mo	0							0	99/99 - Continuous	
				Value NODI														

Submission Note

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

Edit Check Errors

No errors.

Comments

31 days of discharge, including 10 days with A01 and 0 days with C01.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:

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

2019-06-13 20:47 (Time Zone: -05:00) Date/Time:

Report Last Signed By

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

Date/Time: 2019-06-13 21:15 (Time Zone: -05:00)

DMR Copy of Record

Permit

IL0028380 Permit #:

Permittee: DOWNERS GROVE SANITARY DISTRICT

Yes Major:

2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Facility Location: 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

NetDMR Validated

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

002 **Permitted Feature:**

Menninga

Discharge: 002-0

Permittee Address:

External Outfall MIXING CHMBR OVERFLOW TO ST. JOSEPH CRK

Report Dates & Status

Monitoring Period: From 05/01/19 to 05/31/19 **DMR Due Date:** 06/25/19

Considerations for Form Completion NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name: Nicholas

Title: General Manager Telephone: 630-969-0664

Facility:

Status:

No Data Indicator (NODI)

Form NODI:

Last Name:

Parameter	Monitoring Locatio	n Season #	Param. NODI				Quantity	or Loading					Quality or C	oncentration	n		# of Ex	 Frequency of Analysis 	Sample Typ
Code Name					Qualifier	1 Value 1 G	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier	3 Value 3	Units			
				Sample										=	6.9	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MN	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample								=	12.1	=	18.9	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample						=	7.3			=	7.7	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
0400 pH	1 - Effluent Gross	0		Permit Req.						>=	6 MINIMUM	1		<=	9 MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample								=	10.7	=	16.2	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample										=	3.01	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample										=	1.62	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample								=	0.36			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
0060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req.								<=	.75 MO AVO	3		19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample										-	45	13 - #/100ml	-	DL/DS - Daily When Discharging	GR - GRAB
4055 Coliform, fecal general	1 - Effluent Gross	0		Permit Req.										<=	400 DAILY MX	13 - #/100ml	_ 0	DL/DS - Daily When Discharging	GR - GRAB
				Value NODI															
				Sample		=		124.59	80 - Mgal/mo									DL/DS - Daily When Discharging	
2220 Flow, total	1 - Effluent Gross	0		Permit Req.			F	Req Mon MO TOTAL	80 - Mgal/mo)							0	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

9 days of discharge.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2019-06-13 20:49 (Time Zone: -05:00)

Report Last Signed By

User: reeseberry
Name: Dorrance Berry
E-Mail: rberry@dgsd.org
Date/Time: 2019-06-13 21:15 (Time Zone: -05:00)

DMR Copy of Record

Permit

Major:

Permit #:

IL0028380

Permittee: DOWNERS GROVE SANITARY DISTRICT

2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Facility:

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

Facility Location:

5003 WALNUT AVENUE DOWNERS GROVE, IL 60515

Permitted Feature:

003 External Outfall

Yes

Discharge:

Title:

Permittee Address:

003-0

EXCESS FLOW TO ST. JOSEPH CRK

Report Dates & Status

Monitoring Period: From 05/01/19 to 05/31/19 **DMR Due Date:** 06/25/19

Status:

NetDMR Validated

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name: Nicholas

Last Name: Menninga General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	on Season	# Param. NODI			Quantit	y or Loading					Quality or C	oncentration	1		# 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			
					Sample									=	9.2	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MN	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample							=	15.8	=	15.8	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.							<=	30 MO AVG	i <=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample					=	7.4			=	7.4	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
00400	pH	1 - Effluent Gross	0		Permit Req.					>=	6 MINIMUN	1		<=	9 MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample							=	32.4	=	32.4	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
X 0053	Solids, total suspended	1 - Effluent Gross	0		Permit Req.							<=	30 MO AVG	i <=	45 WKLY AVG	19 - mg/L	1	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample									=	2.05	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample									=	1.34	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample							=	0.6			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0		Permit Req.							<=	.75 MO AV	3		19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample									=	62	13 - #/100m	L	DL/DS - Daily When Discharging	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0		Permit Req.									<=	400 DAILY MX	13 - #/100m	L 0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI														
					Sample		=	2.18	80 - Mgal/mo									DL/DS - Daily When Discharging	1
32220	Flow, total	1 - Effluent Gross	0		Permit Req.			Req Mon MO TOTAL	80 - Mgal/mo								0	DL/DS - Daily When Discharging	1
					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

	Parameter	Monitoring Location	Field	Type	Description	Acknowledge
Code	Name	Monitoring Location	rieiu	Туре	Description	Ackilowieuge
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments

1 day of discharge. Solids, Total Suspended (TSS) excursion, concentration monthly average, resulted from heavy storm event causing high process loading and poor settling conditions.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User: reeseberry Name: Dorrance Berry E-Mail: rberry@dgsd.org Date/Time: 2019-06-13 20:57 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time: 2019-06-13 21:15 (Time Zone: -05:00)

DMR Copy of Record

Permit Permit #:

Major:

IL0028380 Yes

DOWNERS GROVE SANITARY DISTRICT Permittee:

2710 CURTISS STREET PO BOX 1412

DOWNERS GROVE, IL 60515

Facility Location: 5003 WALNUT AVENUE

DOWNERS GROVE, IL 60515

DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER

A01 **Permitted Feature:**

External Outfall

A01-0

EXCESS FLOW FROM EXCESS FLOW CLARIFIERS

Report Dates & Status

Monitoring Period: From 05/01/19 to 05/31/19

Menninga

DMR Due Date: 06/25/19

Permittee Address:

Discharge:

Title:

Status: **NetDMR Validated**

Considerations for Form Completion NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

First Name:

Nicholas

General Manager

Telephone: 630-969-0664

Facility:

No Data Indicator (NODI)

Form NODI:

Last Name:

Pa	rameter	Monitoring Location	Season #	Param. NODI	I			Quantity or	Loading				Qu	ality or Concentrat	ion		# of Ex	. Frequency of Analysis	Sample Ty
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2 Qualifier 3	Value 3	Units			
					Sample									=	42.8	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAP
00310 BOD, 5-da	ay, 20 deg. C	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAP
					Value NODI														
					Sample									=	47.6	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAE
00530 Solids, tot	al suspended	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRA
					Value NODI														
					Sample									=	9.57	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAE
00610 Nitrogen,	ammonia total [as N]	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRA
					Value NODI														
					Sample									=	2.22	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAE
00665 Phosphor	us, total [as P]	1 - Effluent Gross	0		Permit Req.										Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAE
					Value NODI														
					Sample			= 114	1.23	80 - Mgal/mo								DL/DS - Daily When Discharging	CN - CONT
82220 Flow, tota	l	1 - Effluent Gross	0		Permit Req.			Red	Mon MO TOTAL	80 - Mgal/mo							0	DL/DS - Daily When Discharging	CN - CONT
					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

10 days of discharge. Event 1: 5/1/19 to 5/3/19, discharging for 66.9 hours. 1.47 inches of rain over 14 hours. B01 flow rate at A01 start time: 16,014 gpm. Event 2: 5/7/19, discharging for 6 hours. 0.73 inches of rain over 6 hours. B01 flow rate at A01 start time: 16,138 gpm. Event 3: 5/9/19, discharging for 14.7 hours. 0.8 inches of rain over 10 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. 0.8 inches of rain over 10 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. 0.8 inches of rain over 10 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. 0.8 inches of rain over 10 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 start time: 16,785 gpm. Event 4: 5/22/19, discharging for 14.7 hours. B01 flow rate at A01 time: 16,669 gpm. Event 5: 5/27/19 to 5/30/19, discharging for 76.3 hours. 3.0 inches of rain over 22 hours. B01 flow rate at A01 start time: 16,524 gpm.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

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

Date/Time: 2019-06-13 21:07 (Time Zone: -05:00)

Report Last Signed By

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

Date/Time: 2019-06-13 21:15 (Time Zone: -05:00)

DMR Copy of Record

Permit

Major:

Permit #: IL0028380

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: B01

External Outfall

Menninga

Discharge: B01-0

INTERNAL MIXING CHMBR - E. BR. DUPAGE RVR

Report Dates & Status

Monitoring Period: From 05/01/19 to 05/31/19

DMR Due Date: 06/25/19

Status:

NetDMR Validated

Considerations for Form Completion

DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name: Nicholas

Title:

General Manager

Telephone:

630-969-0664

No Data Indicator (NODI)

Last Name:

Form NODI:

Parameter	Monitoring Location	· ocacon	" I aram NOD		0		uantity or L		11-26-	0	Value 4		Quality or Co			11-26-	" OI EX	. Frequency of Analysis	Sample Ty
ode Name					Qualifier 1	Value 1	Qualifie	r 2 Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2			Units		04/00 14 41	00.0045
				Sample											55.9	15 - deg F		01/30 - Monthly	GR - GRAE
011 Temperature, water deg. fahrenheit	1 - Effluent Gross	0		Permit Req.											Req Mon MO MAX	15 - deg F	0	01/30 - Monthly	GR - GRA
				Value NODI															
				Sample								-			5.7	19 - mg/L		03/07 - Three Per Week	GR - GRA
300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.								>=	6 MN WK AV	/ >=	5 DAILY MN	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRA
				Value NODI															
				Sample						=	7.1				7.4	12 - SU		05/DW - 5 Days Every Week	
400 pH	1 - Effluent Gross	0		Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	02/DA - 2 Days Every Week	GR - GRA
				Value NODI															
				Sample											249	19 - mg/L		01/30 - Monthly	CP - CON
410 Alkalinity, total [as CaCO3]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COM
				Value NODI															
				Sample	=	343.7	=	1756.6	26 - lb/d			=	2		9.8	19 - mg/L		05/DW - 5 Days Every Week	
530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.	<=	2202 MO AVG	<=	4404 DAILY MX	26 - lb/d			<=	12 MO AVG	<=	24 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - CON
				Value NODI															
				Sample											8.7	19 - mg/L		01/30 - Monthly	CP - CON
600 Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - CON
				Value NODI															
				Sample	=	55.7	-	229.2	26 - lb/d				0.38		1.44	19 - mg/L	_	05/DW - 5 Days Every Week	
610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	4		Permit Req.	<=	275 MO AVG	<=	550 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	3 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - CON
				Value NODI															
				Sample											1	19 - mg/L		01/30 - Monthly	CP - CON
625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - CON
				Value NODI															
				Sample											7.7	19 - mg/L		01/30 - Monthly	CA - CAL
630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	(19 - mg/L	0	01/30 - Monthly	CA - CAL
				Value NODI															
				Sample											1.88	19 - mg/L		05/30 - 5 Times Every Month	
0665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - CON
				Value NODI															
				Sample											0.91	19 - mg/L		01/30 - Monthly	CP - CON
666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - CON
				Value NODI															
				Sample											182	19 - mg/L		01/30 - Monthly	GR - GRA
940 Chloride [as Cl]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GR
				Value NODI															
				Sample	=	18.06	=	22.83	03 - MGD									99/99 - Continuous	
950 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.		Req Mon MO AV	'G	Req Mon DAILY M	IX 03 - MGD								0	99/99 - Continuous	
				Value NODI															
				Sample											0.05	19 - mg/L		05/DW - 5 Days Every Week	
060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req.										<=	.05 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRA
				Value NODI															
				Sample											60	13 - #/100m		02/DA - 2 Days Every Week	
055 Coliform, fecal general	1 - Effluent Gross	0		Permit Req.										<=	400 DAILY MX	13 - #/100m	_ 0	02/DA - 2 Days Every Week	GR - GRA
				Value NODI															
				Sample		240.2	=	595	26 - lb/d			=	1.5		3.4	19 - mg/L		03/DW - 3 Days Every Week	
0082 BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0		Permit Req.		1835 MO AVG	<=	3670 DAILY MX	26 - lb/d			<=	10 MO AVG		20 DAILY MX	19 - mg/L	Λ	02/DA - 2 Days Every Week	CD COM

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 Dorrance Berry Name: E-Mail: rberry@dgsd.org Date/Time: 2019-06-13 21:13 (Time Zone: -05:00) Report Last Signed By User: reeseberry Name: Dorrance Berry

E-Mail:

Date/Time:

rberry@dgsd.org

2019-06-13 21:15 (Time Zone: -05:00)

DMR Copy of Record

Permit											_									
Permit #:	ILO	028380		Permitte	ee:	DO/	VNERS (GROVE	SANITARY DIS	TRICT	Fa	cility:		D	OWNERS	GROVE S.D W	VASTEV	VATER	TREATMENT CENTER	
Major:	Yes	;		Permitte	ee Address				EET PO BOX 14 , IL 60515	412	Fa	cility L	ocation:			NUT AVENUE GROVE, IL 605	15			
Permitted Feature:		l ernal Outfall		Dischar	ge:	C01 EXC		OW FRO	OM CLARIFIER	#1										
Report Dates & Sta	atus																			
Monitoring Period:	Fro	m 05/01/19 to 05/	/31/19	DMR Du	ue Date:	06/2	5/19				Sta	atus:		N	etDMR Va	alidated				
Considerations for	r Form Co	mpletion																		
NUMBER OF DAYS		CHARGE:CS																		
Principal Executive																				
First Name:		holas		Title:		Gen	eral Man	ager			Te	lephor	ne:	63	30-969-06	64				
Last Name:		nninga																		
No Data Indicator	(NODI)																			
Form NODI: Parameter		Monitoring Location	on Cosson #	Baram NODI			0	Vuontitu o	ur I aadina				0.	uality or t	Canaantrat	ion		# of Ex.	Frequency of Analysis	Comple Tun
Code Name		Monitoring Location	on Season #	raraili. NODI		Qualifier 1 Va			or Loading Value 2	Units	Qualifier 1	Value 1			Concentrat Qualifier 3		Units	# OI EX.	Frequency of Analysis	Sample Typ
20040 DOD 5 1 2004		4 550 4 0			Sample											D 14 DAII V 14V	40 (1	-	DI /DO D :	00.0040
00310 BOD, 5-day, 20 de	eg. C	1 - Effluent Gross	0		Permit Req. Value NODI											Req Mon DAILY MX C - No Discharge	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Sample															
00530 Solids, total suspe	ended	1 - Effluent Gross	0		Permit Req. Value NODI											Req Mon DAILY MX C - No Discharge	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Sample															
00610 Nitrogen, ammoni	a total [as N]	1 - Effluent Gross	0		Permit Req. Value NODI											Req Mon DAILY MX C - No Discharge	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Sample											C - No Discharge				
00665 Phosphorus, total	[as P]	1 - Effluent Gross	0		Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI Sample											C - No Discharge				
82220 Flow, total		1 - Effluent Gross	0		Permit Req.				eq Mon MO TOTAL	80 - Mgal/mo									DL/DS - Daily When Discharging	CN - CONTI
Submission Note					Value NODI			С	- No Discharge											
If a parameter row of	toes not co	ontain any values	for the Sar	mple nor Eff	luent Tradir	na then nor	e of the f	following	n fields will he si	ıhmitted for	that row:	l Inite	Number o	of Eveur	sions Fra	acuency of Analys	is and	Sample	Type	
Edit Check Errors	2003 1101 00	ontain any values	ioi tiic oai	ilpic iloi Lii	ident madii	rig, tricii rioi	ic or the r	ionownig	g neids will be so	abililitica loi	triat row.	Ornio,	radiliber c	n Excui	310113, 1 10	queriey of Arialys	ois, and t	Jampic	турс.	
No errors.																				
Comments																				
Attachments																				
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Report Last Saved	l By																			
DOWNERS GROVE	E SANITA	RY DISTRICT																		
User:				eseberry																
Name:				orrance Be	-															
E-Mail:				erry@dgsd.			00)													
Date/Time:			20	19-06-13 2	21:13 (Tim	e Zone: -05	.00)													
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E-Mail: Date/Time:				erry@dgsd.		10 7000: OF	00)													
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DMR Copy of Record

Name:

E-Mail:

Date/Time:

Dorrance Berry

rberry@dgsd.org

2019-06-13 21:15 (Time Zone: -05:00)

Permit DOWNERS GROVE SANITARY DISTRICT DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER Permit #: IL0028380 Permittee: Facility: **Facility Location:** Major: Yes Permittee Address: 2710 CURTISS STREET PO BOX 1412 **5003 WALNUT AVENUE** DOWNERS GROVE, IL 60515 DOWNERS GROVE, IL 60515 INF Discharge: INF-L **Permitted Feature:** Influent Structure INFLUENT MONITORING Report Dates & Status **DMR Due Date: Monitoring Period:** From 05/01/19 to 05/31/19 06/25/19 Status: **NetDMR Validated Considerations for Form Completion Principal Executive Officer** Nicholas Title: General Manager Telephone: **First Name:** 630-969-0664 **Last Name:** Menninga No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Qualifier 1 Value 1 Qualifier 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Units Sample 19 - mg/L 09/99 - See Permit CP - COMPOS CP - COMPOS 00310 BOD, 5-day, 20 deg. C G - Raw Sewage Influent 0 09/99 - See Permit Permit Red Reg Mon MO AVG 19 - mg/L 0 Value NODI Sample 121 19 - mg/L 09/99 - See Permit CP - COMPOS 00530 Solids, total suspended G - Raw Sewage Influent 0 Permit Reg. Req Mon MO AVG 19 - mg/L 0 09/99 - See Permit CP - COMPOS Value NODI 01/30 - Monthly CP - COMPOS Sample 18.2 19 - mg/L 00600 Nitrogen, total [as N] G - Raw Sewage Influent 0 Permit Req Req Mon DAILY MX 19 - mg/L 0 01/30 - Monthly CP - COMPOS Value NODI 05/30 - 5 Times Every Month CP - COMPOS Sample 19 - mg/L Req Mon DAILY MX 19 - mg/L 0 01/30 - Monthly CP - COMPOS 00665 Phosphorus, total [as P] G - Raw Sewage Influent 0 Permit Req. Value NODI 03 - MGD 99/99 - Continuous Sample 18.11 22.94 Reg Mon DAILY MX 03 - MGD 50050 Flow, in conduit or thru treatment plant G - Raw Sewage Influent 0 Reg Mon MO AVG 99/99 - Continuous Permit Reg. 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: 2019-06-13 21:15 (Time Zone: -05:00) Report Last Signed By User: reeseberry

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Nicholas J. Menninga, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: June 11, 2019

SUBJECT: May 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 May 2019.

Special projects in May included:

Earlston Lift Station – Pump 3 Repairs

The sensor cable on this 25 HP submersible pump that monitors for mechanical seal failure or a motor high temperature condition was damaged when it became entangled in the pump's impeller during a recent high flow event. The pump shut down and alarmed due to the damaged cable. After investigating, District staff determined that the cable support broke during the high flow event causing the cable to drop and become damaged.

Unfortunately, the only way to repair the damage was to remove the pump from service, disassemble the pump and replace the damaged cable. District staff assisted Hydro-Aire Service Inc. with the removal of the 25 HP pump and they brought it back to their repair facility for the repairs as follows:

- -Disassemble, clean and inspect pump
- -Drain oil and pressure test the seals (tested OK)
- -Remove stator motor from housing, and clean and bake stator
- -Replace sensor cable with a new one and repot in cable entry
- -Replace O-rings, oil in seal chamber and motor
- -Reassemble pump, re-fill with dielectric oil and paint
- -A new circuit board for sensors was also provided for the pump control panel

District staff assisted Hydro-Aire with re-installing the pump, securing the cables to a new stainless steel support, and the installation of the new circuit board in the control panel. The pump is back online and running as expected. The total cost for this repair including the removal and re-installation was \$5,367.00.

2019 Painting Services – WWTC & Wroble Lift Station

We advertised and requested bids for our 2019 Painting Services contract work. The items included in this year's project are: Secondary Clarifier 5, Excess flow pumps 10, 11 & 12 and related piping, Grit building basement, Digester 4&5 exterior staircase and Wroble lift station floor restoration, interior & entry tube.

There was a mandatory site visit required to submit a bid. There were three (3) painting contractors that visited the WWTC and the Wroble lift station to review this year's projects and submitted bids. The lowest responsive/responsible bidder was GP Maintenance at \$107,500. McCahill Painting's bid was \$113,570, and Era-Valdivia Contractors bid was \$188,000.

A bid tabulation sheet and memo requesting the Board award the project to GP Maintenance are included in this month's Board packet.

Wroble Lift Station - Site & Equipment Damage from Automobile Crash

On Friday May 24th at approximately 3:15 p.m., there was a single vehicle car crash at the Wroble lift station. The vehicle drove through our sign and landscape, crashed through our fence and gate, hit and knocked over the ComEd dual feed 12,000 volt ATO (Automatic Throw Over) switch enclosure, and crashed into the lift station's transformer. The driver was able to walk away from the crash without injury.

Even though initially we did not lose power, emergency personnel from the Westmont Fire & Police Departments contacted ComEd to disconnect the power because of the exposed high voltage cables and damaged equipment at the lift station. When the utility power was disconnected, our stationary generator started and provided power to the lift station.

During the next day and a half, until 1:00 a.m. Sunday morning, there were numerous activities around the clock by ComEd at the site that required District personnel involvement. Initially, ComEd brought in a very large high-voltage generator with the intent to connect it to our existing transformer. When making the connections to the transformer, they discovered that it was leaking oil and it could not be re-used. The transformer was replaced by ComEd later that day and their generator was connected to power the lift station. About 12 hours later, when ComEd had an underground crew available, they decided to temporarily use the one 12,000 volt feed that wasn't damaged to power the new transformer (at which point they were able to disconnect and remove their generator). The majority of these activities were during the overnight hours Friday into Saturday and then Sunday, requiring District staff presence.

The driver's automobile insurance company, State Farm Insurance, has acknowledged liability for the damage and has requested that we provide them with cost estimates for all of the needed repairs. ComEd is currently putting together a repair plan to replace the damaged ATO and will be providing us with a cost estimate within the next week. I have already requested proposals for the fence repair and gate replacement. I am also working with a local sign company to get a proposal for the replacement sign. There will be some landscape work needed, but I need to see what the footprint on the new sign will be before any landscaping decisions can be made. The total damages to return everything to its previous state are expected to exceed the limits of the driver's coverage.

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

Work Order Summary

Work Order Completion Dates from 5/1/2019 to 5/31/2019

Work Assignment	Completion Date	Equipment	NOTATIONS
Qt. Valves and Gates Excercise	5/1/2019	Excess Flow 003 Valves	
Semi-Annual Inspection Of Fire Alarm At MSB	5/2/2019	Maintenance Services Building	
Exercise both 24" primary influent ratio valves	5/17/2019	Tunnel From PS to Grit	
		Tunnel/Chan Primary Clarifiers	
By-Weekly Fluid and Misc. Check of Generators	5/7/2019	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Change Filters On Grit Blowers 1,2,3.	5/3/2019	Grit Blower 1	
		Grit Blower 2	
3 month Greasing of 3 AUMA Actuators	5/9/2019	Aeration Tank 11	
		Digester 1 Mixing Pump	
Grease Raw Sewage And Excess Flow Pumps	5/19/2019	Excess Flow Pump 06	
		Excess Flow Pump 07	
		Excess Flow Pump 08	
		Excess Flow Pump 09	
		Raw Sewage Pump 1	
		Raw Sewage Pump 2	
		Raw Sewage Pump 3	
		Raw Sewage Pump 4	
		Raw Sewage Pump 5	
Test and replace all burned out indication bulbs on plant equipment		Bar Screen Building	
		Belt Filter Press Building	
		Bisulfite Building	
		Blower Building	
		Digester 1 and 2 Control Bldg	
		Digester 3 Control Building	
		Digester 4 - 5 Control Buildg	
		Emergency Generator Building	
		Excess Flow Pump Station	
		Excess Flow Sludge Pump House	
		Filter Building	
		Grit Building	

Wednesday, June 12, 2019 Page 1 of 6

Work Assignment	Completion Date	Equipment	NOTATIONS
		Hypochlorite Feed Blg	
		Interm Clarifier Sludge Bldg	
		Microstrainer Building	
		Operations Center	
		Raw Sewage Pump Station	
3 MONTH OIL CHANGE-GRIT BLOWER #3- KAESER	5/16/2019	Grit Blower 3 Kaeser	
6 Month Oil Change On Bearings, Intermediate Pumps #1 & #2	5/30/2019	Intermediate Sludge Pump 1 Intermediate Sludge Pump 2	
Six Month Oil Change WAS Moyno Pumps Reducers	5/16/2019	Conc Tank Moyno Sludge Pump 1	
		Conc Tank Moyno Sludge Pump 3	
Flush Pearth 2 with 3 oz of Kerosene/Oil mixture	5/26/2019	Digester 2 Mixing System	
Exercise Ratio Valve #2		Tunnel - System 2 RAS	
Furn on and run Chlorine Contact Fank sweep arm	5/16/2019	Chlorine Contact Tank	
Exercising of plant water main valves	5/9/2019	Yard Piping - City Water	
Change Pre-Filters On Blowers 6, 7, 8, Blow Out Filter.	5/17/2019	Aeration Blower 06	
		Aeration Blower 07	
		Aeration Blower 08	
Plant Generators OSFM Quarterly Equipment Inspection Checklist	5/7/2019	Emerg Gen Diesel Storage Tank	
2000 Hour Grease of Plant Effluent Pumps		Plant Effluent Water Pump #2	
Check V-Belt, Grease Pillow Block Bearing Heat Exchangers 2-5	5/16/2019	Digester 1 Heat Exchanger	
		Digester 2 Heat Exchanger	
		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
Replace Air Filters On Both Administration Center Furnaces	5/22/2019	Administration Center	Replace the filters on both furnaces.
Replace Air Filters In Geothermal unit.		Raw Sewage Pump Station	Replace filters in geothermal unit.
500 Hour Oil Change on Pearth 4	5/30/2019	Digester 4 Mixing System	
Safety lane Vehicle 317	5/29/2019	2009 Sterling LT 7500	
Safety lane Vehicle 354		2014 Freightliner M2106 6 yd d	
Test for H2S at Unison Gas skid	5/19/2019	CHP Gas Cleaning System	
Check STR 700, 721, 741, clean as needed.	5/9/2019	•	

Wednesday, June 12, 2019 Page 2 of 6

Work Assignment	Completion Date	Equipment	NOTATIONS
Monthly Liquid Status of Under Ground Diesel Tank	5/8/2019	Emerg Gen Diesel Storage Tank	
Replace 8 rear tires on 317	5/7/2019	2009 Sterling LT 7500	
Replace V belt on East concentrator and replace parts		Concentration Tank 1	
30,282 Hours. Repair Exhaust leak & replace failed PLC Magnetic sensor.	5/1/2019	CHP Engine Genset	Replaced Y- Pipe to turbo gasket with new. Replaced PLC (2 prong) magnetic pickup sensor with new.
Troubleshoot low hypo feed capabilities.	5/2/2019	Hypochlorite Feed Pump 1	Found the 1" discharge piping between the pumps and the 3" line that leaves the building was severely clogged. It was chocked down to only about 1/4". Replace all of the 1" piping after the pumps and replace the clogged pressure relief valves and pump dis
		Hypochlorite Feed Pump 2	
Fabricate a pneumatic plug assembly to blow out the scum drain lines.		Intermediate Clarifier 1	Fabricate a pneumatic plug assembly to blow out the scum drain lines. Use the new blow out tool to clear the clogged drain lines on the 3 clarifiers.
		Intermediate Clarifier 2	
		Intermediate Clarifier 3	
30,327 hours. Perform 1500 hour service	5/3/2019	CHP Engine Genset	Performed oil and filter change, sent oil for laboratory analysis. Adjusted valves and checked filters and fittings. Replaced Ignition wires and valve cover gaskets. Checked cylinder compression and documented cylinder condition with borescope.
4,139 / 13,755 hours. Perform 700 hour oil and filter change.		CHP Engine Genset #2	Replaced oil and filters with new. Sent oil to laboratory for analysis.
Replace A/C Compressor that failed & engine noise from drive pulleys.	5/7/2019	2011 Ford F-250	A-Len Radiator replaced the A/C compressor, flushed & refilled system with refrigerant. Also replaced the serpentine belt and the belt tensioner.
Replace high temp probe that failed.	5/8/2019	Portable Generator 200	Locate a replacement probe, drain coolant, remove old probe and install new. Re-fill with coolant and test operation.
Check, Remove, Clean. Grease-debris from wells	5/22/2019	Excess Flow Pump Station	Clean Bird Cage units and verify level settings.
		Raw Sewage Pump Station	
Exercise Of EBARA and Excess Pumps	5/1/2019	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	
EXCESS 003- Exercise 30" and 24" DEZURIK Valves	5/26/2019	Excess Flow 003 Valves	
Exercising of bar screen sluice gates 1 and 2		Bar Screen 1	
		Bar Screen 2	
By-Weekly Fluid and Misc. Check of Generators	5/21/2019	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	

Wednesday, June 12, 2019 Page 3 of 6

Work Assignment	Completion Date	Equipment	NOTATIONS
4 MONTH GREASING FITTINGS ON GRIT CONVEYORS	5/24/2019	Grit Conveyor System	
3 Month Grease- Secondaries 1 & 2		Secondary Clarifier 1	
		Secondary Clarifier 2	
Operate Relief Valves On Heat Exchangers And Boilers	5/26/2019	Digester 1 Heat Exchanger	
		Digester 2 Heat Exchanger Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
		Excess Flow Pump Station	
3 Month Oil Change Blower #4	5/24/2019	Aeration Blower 04	
Oil Change & Flush bearings and housing for Blowers #6-#8		Aeration Blower 06	
		Aeration Blower 07	
		Aeration Blower 08	
6 Month Oil Change Raw Sludge Pumps 2, 3, 5		Primary Sludge Pump 2	
		Primary Sludge Pump 3	
		Primary Sludge Pump 5	
3 Month check and repair of Belt Press Ventilation Fans	5/22/2019	Belt Filter Press Building	Check all fans are operating properly.
R&R wear plate, luber bearings and bobcat		2009 BOB CAT S 300 #333	Removed and replace wear plate, lubed support bearing, lube s-300 Bobcat.
		2014 AUGER-DAWG G- 30 4D091	
Greasing of Landia mixer grease fitting on actuator and threaded stem		Digester 1 Mixing Pump	
Check All Fluids In The Equipment Listed Below	5/29/2019	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	

Wednesday, June 12, 2019 Page 4 of 6

Work Assignment	Completion Date	Equipment	NOTATIONS
		WWTC ODS Pump Air	
30,157 Hours. Engine Shutdown due to low JW flow.	5/7/2019	Compressor CHP Engine Genset	Ordered new flow meter from Tech 3. Verified JW pump is operating. Temporarily disabled flow meter to avoid unnecessary shutdowns. 05/07/19 replaced flow meter with new. Replaced 4 bolt coolant gasket on front of engine with new due to coolant leak.
3,896/ 13,532 Hours. Troubleshoot cause of insulation failure and repair		CHP Engine Genset #2	Determined coolant leak cause of failure and repaired. M&O insulation will fabricate new pieces of insulation. Made temporary repairs to allow engine to run while waiting for parts. On 05/14 M&O returned and installed the new exhaust insulation.
Replace the leaking sludge valve # 7 and install a new actuator.	5/15/2019	Primary Clarifier 5	Drain sludge lines, remove old valve and actuator, install new Auma actuator & DeZurik plug valve, extend all power and control wiring, terminate and test operation.
Connect water baths on both heat exchangers to effluent water supply.	5/16/2019	Digester 1 Heat Exchanger	Install new copper water lines to both heat exchangers. Disconnect and abandon the existing city water lines and connect the new effluent water supply lines to both heat exchangers. Also add additional piping supports on existing city water piping and ins
		Digester 2 Heat Exchanger	
Replace the 400 amp main breaker that failed.	5/17/2019	Portable Generator 200	Found burnt lugs on existing breaker. Existing breaker was obsolete, retrofit the generator enclosure to use a spare 400 amp breaker from stock, mount & terminate new breaker, verify rotation, test operation.
Purchase new vent fan for engine genset enclosure.	5/20/2019	CHP Engine Genset	Procured fan through Tech 3 solutions.
Check vent fan in soda ash building.	5/22/2019	CHP Gas Cleaning System	Found fan motor was no longer working, locate and pick up a replacement, remove old fan assembly and install new fan assembly.
Re-Install pump after repairs by Hydro-Aire.	5/24/2019	Earlston Pump 3	Assist Hydro-Aire with removing the pump on 05/08/19. The seal detector/over temp cable was damaged and causing the failure. The cable was replaced, the motor windings were cleaned and dried, the pump was reassembled with new dielectric oil and tested. O
Replace the air tank that is rusted and leaking.		2011 Freightliner M2	Remove the old air tank, paint & install new air tank.
Replace drive belts on the compressor.		Digester 4 Mixing System	Replace the drive belts and re-order another set for stock.
Repair broken water pressure adjustment switch.	5/28/2019	2014 VACCON PD3611	Old switch needed to be replaced with new. Ordered 3 switches , 1 for installation and 2 for stock. Installed new switch.
Remove and test battery. Replace if necessary.		2015 Ford Transit Connect XL	Battery failed test. Procured new battery and installed in place of old.
30,912 Hours. Replaced spark plugs with new.		CHP Engine Genset	Replaced spark plugs. Ordered two more sets.
Replace motor (Noisy bearings)	5/31/2019	Primary Sludge Grinder OPS CTR	Locate replacement motor. Found it has to be supplies from NORD and a common motor will not work. Shop a few vendors and found that Rainbow Electric had the lowest price. Remove the old and replace with a new motor. Also purchased a replacement cooling fa
Prep for sand blasting and painting project.	5/24/2019	Excess Flow Pump 10	Open enclosure wall, replace several structure support brace mounting feet and vertical supports, clean out debris, replace rusted out sump pump line, replace rusted out electrical conduit to heater, remove old handrail brackets, power was staircase & wal
		Excess Flow Pump 11	•

Wednesday, June 12, 2019 Page 5 of 6

Work Assignment Completion Equipment NOTATIONS Date	
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Excess Flow Pump 12

Wednesday, June 12, 2019 Page 6 of 6

DOWNERS GROVE SANITARY DISTRICT MEMO

DATE: May 30, 2019

Nicholas J. Menninga General Manager TO:

6.

7.

LETS TV

Manhole inspections

FROM: Robert Swirsky Sewer System Maintenance Supervisor

RE: Monthly Report – May, 2019

RE:	Monthly Report – May, 2019		
1.	JULIE Line Markings: Received In District Marked Man Hours	Current 1693 1633 233 96	Year to Date 5176 4958 1161 440
2.	Building Service: a. BSSRAP TV Inspections b. Emergency BSSRAP Repairs c. Total BSSRAP Repairs d. I&I inspections e. I&I C.O. installation f. Replace broken cleanout caps g. OHSP TV Inspections h. Post Rodding TV	Current 19 07 07 00 00 00 00 00 05	Year to Date 67 44 56 00 01 00 01 14
3.	Sewer backups: a. Public sewer b. Private sewer c. Surcharged main d. Pump station Total	Current 0 27 2 0 29 Current	Year to Date 1 102 2 0 105 Year to Date
4.	Sewer Cleaning (DGSD personnel):	56,289	137,207 Ft.
	a. Sewer Cleaning (outside contractors):	0	0 Ft.
5.	Main Sewer Televising (DGSD personnel)	: 0	193 Ft.
	a. Sewer Televising (outside contractors):	0	0 Ft.

0

00

6

108

- 8. Sewer and manhole repairs and replacements by Uno Construction: 1N-014 Raised the buried manhole.
- Miscellaneous: (sewer system personnel) a. Upload flow-meters. 9.

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

DOWNERS GROVE SANITARY DISTRICT MEMO

DATE: June 11, 2019

TO: Nicholas J. Menninga

General Manager

FROM: Ted Cherwak

Sewer Construction Supervisor

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

1.	Per	mits issued:	Current	Year to Date
	a.	Single family	19	45
	b.	Multiple family	0	0
	c.	Commercial	3	7
	d.	Repair	0	2
	e.	Disconnection	<u>4</u>	<u>19</u>
		Total	26	73
2.	Ins	pections made:	Current	Year to Date

2.	Ins	pections made:	Current	Year to Date
	a.	Connections	8	38
	b.	Finals	6	25
	c.	Repairs	0	1
	d.	Disconnects	4	21
	e.	Groundwork	0	1
	f.	Walk-Thru	0	1
	g.	Pre-connections	0	0
	h.	Overhead Sewer Program	0	0
	i.	Code Enforcement	2	6
	j.	Lateral testing	5	30
	J	Total	25	$1\overline{23}$

- 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. 6028 S Cass, Madathil grocery store, tenant finish-out plan
- b. 1436 Norfolk, DG South High School addition, site & architectural plans
- c. 4436 Main, DG North High School addition, site & architectural plans
- d. 555 31st Street, Midwestern University, Administration Building, site & architectural plans
- e. 5701 Walnut, single family review
- f. 502 Sherman, single family review
- g. 112 N Hudson, single family review
- h. 4830 Lee, single family review
- i. 6011 Sherman, single family review
- 7. Building Sanitary Service Access Agreements:
 - a. 2505 35th Street, Oak Brook
 - b. 1623 Carol, Downers Grove
 - c. 5701 Walnut, Downers Grove
 - d. 6011 Sherman, Downers Grove
 - e. 112 N Hudson, Westmont
- 8. Illinois EPA Permits:
 - a. None
- 9. Waste Hauling Permits Issued:
 - a. None
- 10. Miscellaneous:
 - a. Village road work manhole adjustment inspections

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

Permits Issued: MAY 2019

YEAR	PERMIT #	ADDRESS	STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2019	48	2521	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	49	2523	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	50	2525	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	51	2527	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	52	2529	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	53	2532	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	54	2534	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	55	2536	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	56	2538	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	57	2540	HUNTLEIGH	WD	5/1/2019	SF	\$3,192.00	\$216.00
2019	60	4520	CUMNOR	DG	5/6/2019	DISCON		
2019	43	1623	CAROL	DG	5/7/2019	SF-SC	\$3,192.00	\$216.00
2019	65	25	4TH ST	DG	5/10/2019	DISCON		
2019	44	6007	WOODWARD	DG	5/10/2019	SF	\$3,192.00	\$216.00
2019	63	1436	NORFOLK	DG	5/10/2019	COM		\$1,071.00
2019	64	4436	MAIN ST	DG	5/10/2019	COM		\$714.00
2019	66	5701	WALNUT	DG	5/13/2019	SF-SC	\$3,192.00	\$216.00
2019	69	4337	WASHINGTON	DG	5/21/2019	DISCON		
2019	70	1201	CURTISS	DG	5/21/2019	DISCON		
2019	40	4804	WALLBANK	DG	5/22/2019	SF-RB		\$216.00
2019	58	2505	35TH ST	DG	5/22/2019	SF-RB		\$216.00
2019	5	4500	OAKWOOD	DG	5/23/2019	SF-RB		\$216.00
2019	72	112 N	HUDSON	W	5/28/2019	SF-RB		\$216.00
2019	71	6011	SHERMAN	DG	5/28/2019	SF-SC	\$3,192.00	\$216.00
2019	74	4830	LEE	DG	5/28/2019	SF-RB		\$216.00
2019	68	555	31ST ST	DG	5/29/2019	COM		\$714.00
				Т	OTAL:	\$44	,688.00	\$6,603.00

Permit Final Inspections: MAY 2019

YEAR	PERMIT #	ADDRESS	STREET	CITY	<u>FINAL</u>
2018	57	4500	BRYAN	DG	5/14/2019
2018	87	5527	FAIRMOUNT	DG	5/23/2019
2018	67	5435	FAIRHAVEN	DG	5/23/2019
2018	4	425	INDIANAPOLIS	DG	5/24/2019
2018	58	4933	BRYAN	DG	5/30/2019
2018	66	4612	HIGHLAND	DG	5/30/2019

Progress Report

To: Nick Menninga, General Manager From: Reese Berry, Laboratory Supervisor

Date: June 13, 2019

Re: May 2019 Laboratory Report

We had 5 excess rain sampling events over 10 days, with 2 events occurring over multiple days, during the month of May. There was 1 permit excursion for 003 Outfall - Total Suspended Solids (monthly avg. concentration) during May 2019.

Industrial/Pretreatment:

We did a final walk through at the old Rexnord facility during May 2019. The formally requested the termination for the permit of the old building. All pretreatment equipment has been removed and they are preparing for demolition. We toured the new facility and we are preparing to sample during June.

Biosolids:

We sampled our class A biosolids during the month of May. All results are well below acceptable limits for this product. We are awaiting pathogen data from May 2019.

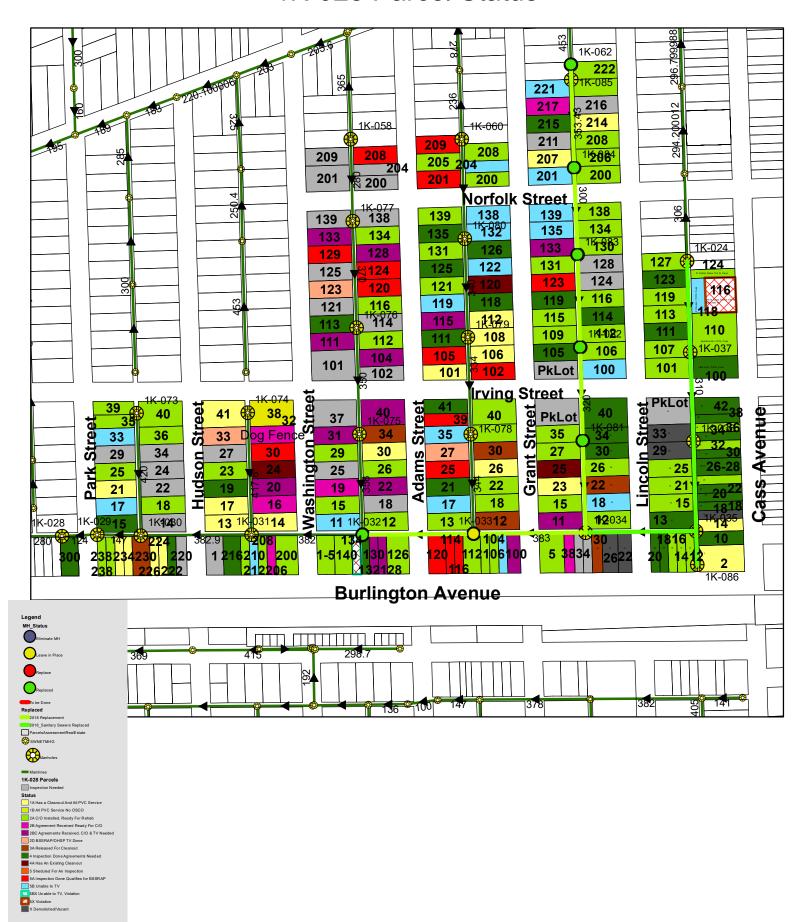
Excess Events:

Over the last 2 months we've experienced a high number of excess flow events, which caused increased amounts of work for the laboratory staff. We have 2 lab technicians who handle the call out testing for these events. Many times they are coming to work in off hours and on weekends to complete the testing for these events. They do a really good job, of not only completing the work required, but communicating with operations and myself to ensure we are meeting the permit requirements. I wanted to recognize Malwina Serpa and Kenny Lookingbill for their commitment, but also the pride they take in performing their duties to the best of their ability.

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	Υ	Y	N	Υ	Y	N/A	19	8%	
1B	Υ	Υ	N	N	N	N N/A		0%	
2A	Υ	Υ	Υ	Υ	Υ	Y N		30%	
2B	Υ	Υ	Υ	Υ	Υ	N	20	9%	
2D	Υ	Υ	Υ	N	N	N	3	1%	
3A	Υ	Υ	Υ	Υ	N	N	6	3%	
4	Υ	Υ	N	N	N	N	36	16%	
4A	N	N	N	N	N/A	N	3	1%	
5	Υ	N	N	N	N	N	0	0%	
5A	Υ	Υ	N	N	N	N	15	7%	
5AX	Υ	Υ	N	N	N	N	0	0%	
5B	Υ	N	N	N	N	N	19	8%	
5BX	Υ	N	N	N	N	N	1	0%	
0	N	N	N	N	N	N	30	13%	
X	-	-	-	-	-	-	5	2%	
5X	-	-	-	-	-	-	1	0%	
<u>Ca</u>	ategory Descript	tion:					228	100%	

Category Description:

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

1B - All PVC no Cleanout

2A - 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

2015 Basin I&I Ranking = 1

2016 Basin I&I Ranking = 27

2018 Basin I&I Ranking = 6

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

11% Complete

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE DATE 05/31/2019

DAIL	: 05/31/2019						PREVIOUS MONTH				
CASI	I BALANCES				-	TOTAL BALANCE					
ACCC	UNT NAME	ACCOUNT NUMBE	R E	BALANCE PER BANK STATEMENT		PER BANK STATEMENTS	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT PERCENTAGE			
FLE) PAYI PET	URSEMENT (IBLE BENEFITS	XXXXXXXX1116 XXXXXXXXX1111 XXXXXXXXX6025 XXXXXXXXX1117 XXXXXXXXXX1112 XXXXXXXXXX1114		\$854,275.81 178,458.29 3,297.01 205,244.01 3,135.57 4,387.41							
TOTA	L - CASH AT BANK			\$1,248,798.10		\$1,313,778.90	\$874.46	0.0666%			
INVE	STMENTS					GENERAL			PUBLIC	SEWER	INTEREST
TYPE	FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	ANNUAL YIELD	CORPORATE FUND	IMPROVEMENT FUND	CONSTRUCTION FUND	BENEFIT FUND	EXTENSION FUND	EARNED AT YIELD
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 (FKA BRIDGEVIEW)	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	TAB BANK	12 MOS	5/23/2020	\$250,000.00	2.470%	\$100,000.00	\$150,000.00				\$6,175.00
TOTA	_ CDs			\$1,244,990.00	2.603%	\$445,000.00	\$757,709.45	\$0.00	\$35,260.73	\$7,019.82	\$32,402.63
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	\$1,178.17	0.300%	\$1,178.17					\$3.53
MM	BANKFINANCIAL	ONGOING	3/13/2013	\$15,421.85	1.000%	\$15,421.85					\$154.22
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	\$1,076.40	0.120%	\$1,076.40					\$1.29
MM	LISLE SAVINGS BANK	ONGOING	9/2/2015	\$1,018.84	0.400%	\$1,018.84					\$4.08
MM	LUANA SAVINGS BANK	ONGOING	2/15/2019	\$2,502.52	0.550%	\$2,502.52					\$13.76
MM	ROYAL BANK fka Park Fed Saving	gs ONGOING	12/4/2012	\$1,151.46	0.149%	\$1,151.46					\$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	\$5,141.87	0.050%		\$5,141.87				\$2.57
TOTA	_ MM ACCOUNTS			\$282,501.11	1.842%	\$277,349.24	\$5,151.87	\$0.00	\$0.00	\$0.00	\$5,203.67
ILLING	DIS FUNDS - MONEY MARKET			\$1,879,701.44	2.441%	\$1,426,195.41	\$251,525.06	\$201,980.97	\$0.00	\$0.00	\$45,883.51
SUBT	OTAL - CD'S, MM AND IL FUNDS			\$3,407,192.55	2.450%	\$2,148,544.65	\$1,014,386.38	\$201,980.97	\$35,260.73	\$7,019.82	\$83,489.81
TOTA	L - ALL INVESTMENTS			\$3,407,192.55	2.450%	\$2,148,544.65	\$1,014,386.38	\$201,980.97	\$35,260.73	\$7,019.82	\$83,489.81

Board of Trustees
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General Manager Nicholas J. Menninga

Legal Counsel Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

Memo

To: Board of Trustees

From: Nick Menninga, General Manager

Date: June 14, 2019

Subject: Treasurer's Report for May, 2019

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

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

Year-to-date	Income	Expense
General Fund	\$ 668,062.76 (page 1)	\$ 853,871.73 (page 6)
Improvement Fund	\$ 13,573.83 (page 7)	\$ 2,867.50 (page 7)
Construction Fund	\$ 45,110.20 (page 8)	\$ 0.00 (page 9)
Public Benefit Fund	\$ 74.58 (page 10)	\$ 0.00 (page 10)
TOTAL	\$ 726,821.37	\$ 856,739.23

C: BOLI, WCC, MGP

Downers Grove Sanitary District Date: 06/13/2019

Treasurer's Report Recap for Month Ending 05/31/19

Page: 1

Fund number & Description				Ending			
				Fund Balance			
Fund	01	:	GENERAL FUND	\$3,091,836.15			
Fund	02	:	IMPROVEMENT FUND	\$1,172,335.21			
Fund	03	:	CONSTRUCTION FUND	\$360,481.35			
Fund	05	:	PUBLIC BENEFIT FUND	\$36,543.37			
			=				
Recap Totals			\$4,661,196.08				

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 1 FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	8	BUDGET
	=========	========			.========	=======	
DEPT 05 REVENUES							
3000 PROPERTY TAXES	28,702.71-	0	28,702.71-	0	28,702.71-	.0	1,188,550-
3001 USER RECEIPTS	236,511.25-	273,521-	236,511.25-	273,521-	37,009.75	13.5-	3,315,400-
3002 SURCHARGES	30,729.70-	27,083-	30,729.70-	27,083-	3,646.70-	13.5	325,000-
3004 PLAN REVIEW FEES	.00	250-	.00	250-	250.00	100.0-	1,000-
3005 CONSTRUCTION INSPECTION FEES	.00	120-	.00	120-	120.00	100.0-	500-
3006 PERMIT INSPECTION FEES	6,819.00-	1,833-	6,819.00-	1,833-	4,986.00-	272.0	22,000-
3007 INTEREST ON INVESTMENTS	4,205.77-	2,917-	4,205.77-	2,917-	1,288.77-	44.2	35,000-
3013 SAMPLING AND MONITORING	10,108.31-	5,833-	10,108.31-	5,833-	4,275.31-	73.3	70,000-
3014 REPLACEMENT TAXES	21,964.35-	11,900-	21,964.35-	11,900-	10,064.35-	84.6	75,000-
3015 MISCELLANEOUS INCOME	380.93-	833-	380.93-	833-	452.07	54.3-	10,000-
3021 TELEVISION INSPECTION	.00	0	.00	0	.00	.0	150-
3023 PROPERTY LEASE PAYMENTS	2,840.81-	2,792-	2,840.81-	2,792-	48.81-	1.8	33,500-
3024 MONTHLY SERVICE FEES	306,766.78-	321,459-	306,766.78-	321,459-	14,692.22	4.6-	4,069,100-
3027 GREASE WASTE	19,033.15-	18,333-	19,033.15-	18,333-	700.15-	3.8	220,000-
3040 RENEWABLE ENERGY CREDITS	.00	0	.00	0	.00	.0	3,000-
DEPT 05 TOTALS	668,062.76-	666,874-	668,062.76-	666,874-	1,188.76-	.2 9	9,368,200-
FUND REVENUE TOTAL	668,062.76-	666,874-	668,062.76-	666,874-	1,188.76-	.2 9	9,368,200-
SECT A SALARIES AND WAGES							
A001 TRUSTEES	4,500.00	4,500	4,500.00	4,500	.00	.0	18,000
A002 BOLI	.00	225	.00	225	225.00-	100.0-	900
A003 GENERAL MANAGEMENT	21,523.81	46,300	21,523.81	46,300	24,776.19-	53.5-	463,000
A004 FINANCIAL RECORDS	25,353.66	19,340	25,353.66	19,340	6,013.66	31.1	193,400
A005 ADMINISTRATIVE RECORDS	6,083.29	6,150	6,083.29	6,150	66.71-	1.1-	61,500
A007 CODE ENFORCEMENT	40,084.26	35,430	40,084.26	35,430	4,654.26	13.1	354,300
A008 SAFETY ACTIVITIES	.00 76.95	255 0	.00 76.95	255 0	255.00- 76.95	100.0-	2,550 0
A030 BUILDING AND GROUNDS				-	70.95	.0	-
SECT A TOTALS	97,621.97	112,200	97,621.97	112,200	14,578.03-		
SECT B OPERATIONS AND MAINTENANCE							
B100 ELECTRICITY	95.18	400	95.18	400	304.82-	76.2-	4,000
B101 NATURAL GAS	119.38	150	119.38	150	30.62-	20.4-	3,000
B102 WATER, GARBAGE AND OTHER UTILITIES	79.59	180	79.59	180	100.41-	55.8-	1,150
B110 BANK CHARGES	1,026.58	1,541	1,026.58	1,541	514.42-	33.4-	18,500
B112 COMMUNICATION	1,042.28	1,333	1,042.28	1,333	290.72-	21.8-	16,000
B115 EQUIPMENT/EQUIPMENT REPAIR	2,092.05	5,100	2,092.05	5,100	3,007.95-	59.0-	81,500
B116 SUPPLIES	1,049.51	608	1,049.51	608	441.51	72.6	7,300
B117 EMPLOYEE/DUTY COSTS	1,303.95	1,083	1,303.95	1,083	220.95	20.4	13,000
B118 BUILDING AND GROUNDS	756.18	3,000	756.18	3,000	2,243.82-	74.8-	24,000
B119 POSTAGE	4.42	958	4.42	958	953.58-	99.5-	11,500
B120 PRINTING/PHOTOGRAPHY	.00	300	.00	300	300.00-	100.0-	11,400
B121 USER BILLING MATERIALS	5,074.69	6,208	5,074.69	6,208	1,133.31-	18.3-	74,500

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 2

	0.1	G=11=5.1	
FUND	01	GENERAL	FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
B124 CONTRACT SERVICES B137 MEMBERSHIPS/SUBSCRIPTIONS	4,017.63 659.00	9,975 900	4,017.63 659.00	9,975 900	5,957.37- 241.00-	59.7- 26.8-	119,700 10,700
SECT B TOTALS	17,320.44	31,736	17,320.44	31,736	14,415.56-	45.4-	396,250
SECT C VEHICLES	========		========	=======	=========	======	
C222 GAS/FUEL	165.68	175	165.68	175	9.32-	5.3-	1,800
C225 OPERATION/REPAIR	.00	350 	.00	350 ======	350.00-	100.0-	1,400
SECT C TOTALS =	165.68	525	165.68	525	359.32-	68.4-	3,200
= DEPT 11 TOTALS	115,108.09	144,461	115,108.09	======= 144,461	29,352.91-		
= DEPT 12 O & M EXPENSES - WWTC	========			=======		======	
SECT A SALARIES AND WAGES							
A009 OPERATIONS MANAGEMENT	7,892.57	2,345	7,892.57	2,345	5,547.57	236.6	23,450
A010 MAINTENANCE - BUDGET	.00	58,260	.00	58,260	3,019.04	5.2	582,600
A011 MAINTENANCE - WWTC	46,984.27	0	46,984.27	0	.00	.0	0
A012 MAINTENANCE - VEHICLES	373.08	0	373.08	0	.00	.0	0
A013 MAINTENANCE - ENERGY RECOVERY	4,462.19	0	4,462.19	0	.00	.0	0
A014 MAINTENANCE - ELECTRICAL	9,459.50	0	9,459.50	0	.00	.0	0
A020 WWTC - BUDGET	.00	61,740	.00	61,740	275.70-	.5-	617,400
A021 WWTC - OPERATIONS	42,263.26	0	42,263.26	0	.00	.0	0
A022 WWTC - SLUDGE HANDLING	17,918.31	0	17,918.31	0	.00	.0	0
A023 WWTC - ENERGY RECOVERY	1,282.73	0	1,282.73	0	.00	.0	0
A030 BUILDING AND GROUNDS	2,455.17	5,050	2,455.17	5,050	2,594.83-	51.4-	50,500
SECT A TOTALS	133,091.08	127,395	133,091.08	127,395	5,696.08	4.5	L,273,950
= SECT B OPERATIONS AND MAINTENANCE	========	=======	=========	=======	=========	======	=======
B100 ELECTRICITY	1,175.45	7,000	1,175.45	7,000	5,824.55-	83.2-	72,000
B101 NATURAL GAS	639.29	500	639.29	500	139.29	27.9	12,000
B102 WATER, GARBAGE AND OTHER UTILITIES	2,498.55	4,500	2,498.55	4,500	2,001.45-	44.5-	33,000
B103 ODOR CONTROL	413.68	6,200	413.68	6,200	5,786.32-	93.3-	30,000
B104 FUEL - GENERATORS	2,360.03	3,875	2,360.03	3,875	1,514.97-	39.1-	15,500
B112 COMMUNICATION	1,362.84	1,458	1,362.84	1,458	95.16-	6.5-	17,500
B113 EMERGENCY/SAFETY EQUIPMENT	352.69	1,433	352.69	1,433	1,080.31-	75.4-	17,200
B116 SUPPLIES	2,520.40	2,479	2,520.40	2,479	41.40	1.7	29,750
B117 EMPLOYEE/DUTY COSTS	1,156.06	2,000	1,156.06	2,000	843.94-	42.2-	25,000
B124 CONTRACT SERVICES	203,705.00	203,700	203,705.00	203,700	5.00	.0	203,700
B130 NPDES PERMIT FEES	.00	0	.00	0	.00	.0	53,000
B131 SLUDGE HAULING/DISPOSAL SERVICES	37,749.25	0	37,749.25	0	37,749.25	.0	80,000
B400 CHEMICALS - BUDGET	.00		.00	9,308	2,525.05	27.1	111,700
B401 CHEMICALS - DISINFECTION	7,220.12		7,220.12	0	.00	. 0	0
B402 CHEMICALS - SLUDGE DEWATERING	4,612.93		4,612.93	0	.00	.0	0
B501 EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS			5,163.54	7,651	2,487.46-	32.5-	91,809
B502 EQPT/EQPT REPAIR - DISINFECTION B503 EQPT/EQPT REPAIR - EXCESS FLOW	1,127.05	1,108 4,020	1,127.05	1,108	19.05 4,020.00-	1.7 100.0-	13,301 48,241

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 3 FUND 01 GENERAL FUND

COST	ACTUAL CURRENT	BUDGET CURRENT	ACTUAL	BUDGET	ACTUAL- BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
B504 EQPT/EQPT REPAIR - GRIT REMOVAL	.00	3,213	.00	3,213	3,213.00-	100.0-	38,551
B505 EQPT/EQPT REPAIR - INFLUENT PUMPING	323.69	2,700	323.69	2,700	2,376.31-	88.0-	51,051
B506 EQPT/EQPT REPAIR - PRIMARY TREATMENT	6,053.11	3,646	6,053.11	3,646	2,407.11	66.0	43,751
B507 EQPT/EQPT REPAIR - SECONDARY TREATMENT	6,297.99	3,500	6,297.99	3,500	2,797.99	79.9	85,176
B508 EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	6,199.93	63,134	6,199.93	63,134	56,934.07-	90.2-	757,606
B509 EQPT/EQPT REPAIR - SLUDGE DEWATERING	1,425.64	2,092	1,425.64	2,092	666.36-	31.9-	25,101
B510 EQPT/EQPT REPAIR - SLUDGE DIGESTION	11,187.80	5,100	11,187.80	5,100	6,087.80	119.4	61,201
B511 EQPT/EQPT REPAIR - TERTIARY TREATMENT	198.40	2,038	198.40	2,038	1,839.60-	90.3-	24,451
B512 EQPT/EQPT REPAIR - WWTC GENERAL	1,529.66	2,747	1,529.66	2,747	1,217.34-	44.3-	32,961
B513 EQPT/EQPT REPAIR - WWTC UTILITIES	8,176.74	11,158	8,176.74	11,158	2,981.26-	26.7-	133,900
B802 BLDG AND GROUNDS - DISINFECTION	.00	43	.00	43	43.00-	100.0-	514
B803 BLDG AND GROUNDS - EXCESS FLOW	.00	86	.00	86	86.00-	100.0-	1,029
B804 BLDG AND GROUNDS - GRIT REMOVAL	.00	419	.00	419	419.00-	100.0-	5,029
B805 BLDG AND GROUNDS - INFLUENT PUMPING	.00	1,020	.00	1,020	1,020.00-	100.0-	12,239
B806 BLDG AND GROUNDS - PRIMARY TREATMENT	.00	429	.00	429	429.00-	100.0-	5,149
B807 BLDG AND GROUNDS - SECONDARY TREATMENT	.00	86	.00	86	86.00-	100.0-	1,029
B809 BLDG AND GROUNDS - SLUDGE DEWATERING	.00	1,044	.00	1,044	1,044.00-	100.0-	12,529
B810 BLDG AND GROUNDS - SLUDGE DIGESTION	174.43	675	174.43	675	500.57-	74.2-	8,103
B811 BLDG AND GROUNDS - TERTIARY TREATMENT	990.14	4,179	990.14	4,179	3,188.86-	76.3-	50,148
B812 BLDG AND GROUNDS - WWTC GENERAL	2,251.20	10,000	2,251.20	10,000	7,748.80-	77.5-	160,388
B813 BLDG AND GROUNDS - WWTC UTILITIES	.00	129	.00	129	129.00-	100.0-	1,543
	=========			========	========	=======	=======
SECT B TOTALS	316,865.61	372,670	316,865.61	372,670	55,804.39-		2,365,150
SECT C VEHICLES							
C222 GAS/FUEL	2,246.53	2,500	2,246.53	2,500	253.47-	10.1-	30,000
C225 OPERATION/REPAIR	1,793.47	625	1,793.47	625	1,168.47	187.0	7,500
C226 VEHICLE PURCHASES	32,567.00	33,000	32,567.00	33,000	433.00-	1.3-	41,000
	=========	=======	:========		=========	=======	========
SECT C TOTALS	36,607.00	36,125	36,607.00	36,125	482.00	1.3	78,500
DEPT 12 TOTALS	486,563.69	536,190	486,563.69	536,190	49,626.31-		3,717,600
DEPT 13 O & M EXPENSES - LABORATORY							
SECT A SALARIES AND WAGES							
A009 OPERATIONS MANAGEMENT	5,447.95	6,460	5,447.95	6,460	1,012.05-	15.7-	64,600
A040 LABORATORY - BUDGET	.00	17,085	.00	17,085	2,548.38		
A041 LAB - WWTC	16,667.38	0	16,667.38	. 0	.00	. 0	0
A042 LAB - PRETREATMENT	2,467.33	0	2,467.33	0	.00	.0	0
A048 LAB - ENERGY RECOVERY	498.67	0	498.67	0	.00	. 0	0
	========		========	========	========	======	
SECT A TOTALS	25,081.33				1,536.33		235,450
SECT B OPERATIONS AND MAINTENANCE	=	=	=	=	==	=	=
B114 CHEMICALS	1,400.61	1,433	1,400.61	1,433	32.39-	2.3-	17,200
B115 EQUIPMENT/EQUIPMENT REPAIR	1,993.28	1,350	1,993.28	1,350	643.28	47.7	16,200
B116 SUPPLIES	2,609.70	1,729	2,609.70	1,729	880.70		
B117 EMPLOYEE/DUTY COSTS	108.16	458	108.16	458	349.84-	76.4-	

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 4

FUND 01 GENERAL FUND

NUMBER DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
B122 MONITORING EQUIPMEN		333.53	2,250	333.53	2,250	1,916.47-	85.2-	9,000
B123 OUTSIDE LAB SERVICE		2,414.00	1,588	2,414.00	1,588	826.00	52.0	19,050
		========			=======		======	
SECT B TOTALS	_	8,859.28	8,808	8,859.28	8,808	51.28	. 6	87,700
SECT C VEHICLES								
C222 GAS/FUEL	222 GAS/FUEL			112.31	42	70.31	167.4	500
C225 OPERATION/REPAIR		.00	50	.00	50	50.00-	100.0-	200
							======	
SECT C TOTALS		112.31	92	112.31	92	20.31	22.1	700
	==		========		=======		======	
DEPT 13 TOTALS	==	34,052.92	32,445	34,052.92	32,445	1,607.92	5.0	323,850
DEPT 14 O & M EXPEN	== SES - SEWER SYSTEM		========		=======	========	======	=======
SECT A SALARIES AN	D WAGES							
A050 SEWER MAINTENANCE -	BUDGET	.00	16,335	.00	16,335	4,627.50	28.3	163,350
A051 SEWER MAINTENANCE		19,145.85	0	19,145.85	0	.00	.0	0
A054 SEWER MAINTENANCE -	BACKUPS AND HIGH FLOWS	1,816.65	0	1,816.65	0	.00	.0	0
A060 INSPECTION - BUDGET		.00	27,130	.00	27,130	4,650.35-	17.1-	271,300
A062 INSPECTION - CONSTR	UCTION OF DGSD PROJECTS	4,453.78	0	4,453.78	0	.00	.0	0
A063 INSPECTION - PERMIT	INSPECTIONS	1,304.07	0	1,304.07	0	.00	.0	0
A064 INSPECTION - MISCEL	LANEOUS	5,955.39	0	5,955.39	0	.00	.0	0
A065 INSPECTION - CONSTR	BY VILLAGES, UTILITIES	8,799.67	0	8,799.67	0	.00	.0	0
A066 INSPECTION - CODE E	NFORCEMENT	1,966.74	0	1,966.74	0	.00	.0	0
A070 SEWER INVESTIGATION	S - BUDGET	.00	1,215	.00	1,215	72.93	6.0	12,150
A072 SEWER INVESTIGATION	S	1,287.93	0	1,287.93	0	.00	.0	0
SECT A TOTALS		44,730.08	44,680	44,730.08	44,680	50.08	.1	446,800
SECT B OPERATIONS	== AND MAINTENANCE		:=======	:========	=======	=========	======	=======
B112 COMMUNICATION		569.30	875	569.30	875	305.70-	34.9-	10,500
B113 EMERGENCY/SAFETY EQ	UIPMENT	.00	425	.00	425	425.00-	100.0-	5,050
B115 EQUIPMENT/EQUIPMENT	REPAIR	12,523.64	3,788	12,523.64	3,788	8,735.64	230.6	45,450
B116 SUPPLIES		436.98	458	436.98	458	21.02-	4.6-	5,500
B117 EMPLOYEE/DUTY COSTS		102.80	1,125	102.80	1,125	1,022.20-	90.9-	13,500
B124 CONTRACT SERVICES		90.10	11,008	90.10	11,008	10,917.90-	99.2-	132,100
B127 JULIE SYSTEM		.00	1,408	.00	1,408	1,408.00-	100.0-	16,900
B128 OVERHEAD SEWER/BACK	FLOW PREVENTION PROGRAM	.00	1,250	.00	1,250	1,250.00-	100.0-	15,000
B129 REIMBURSEMENT PROGR	AM/PUBLIC SEWER BLOCKAGE	.00	1,000	.00	1,000	1,000.00-	100.0-	12,000
B900 SEWER SYSTEM REPAIR	S - BUDGET	.00	40,000	.00	40,000	18,369.93	45.9	1,481,600
B901 SEWER SYSTEM REPAIR	901 SEWER SYSTEM REPAIRS - I/I PROGRAM		0	44.00	0	.00	.0	0
B902 SEWER SYSTEM REPAIR	S - REPLACEMENT	829.32	0	829.32	0	.00	.0	0
B903 SEWER SYSTEM REPAIR	S - REHABILITATION	2,745.00	0	2,745.00	0	.00	.0	0
B910 SEWER SYSTEM REPAIR	B910 SEWER SYSTEM REPAIRS - BSSRAP PROGRAM		0	54,751.61	0	.00 ======	.0	0
SECT B TOTALS		72,092.75	61,337	72,092.75	61,337	10,755.75		1,737,600

SECT C VEHICLES

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 5 FUND 01 GENERAL FUND

COST NUMBER DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
C222 GAS/FUEL	1,890.11	2,208	1,890.11	2,208	317.89-	14.4-	26,500
C225 OPERATION/REPAIR	135.82	542	135.82	542	406.18-	74.9-	6,500
C226 VEHICLE PURCHASES	.00	0	.00	0	.00	.0	20,000
SECT C TOTALS	2,025.93	2,750	2,025.93	2,750	 724.07- 	26.3-	53,000
					10,081.76	======	
DEPT 15 O & M EXPENSES - LIFT STATIONS				=======		=======	:======:
SECT A SALARIES AND WAGES							
A009 OPERATIONS MANAGEMENT	.00	45	.00	45	45.00-	100.0-	450
A030 BUILDING AND GROUNDS	484.99	0	484.99	0	484.99	.0	0
A080 LIFT STATION MAINTENANCE	4,408.26	7,005	4,408.26	7,005	2,596.74-	37.1-	70,050
SECT A TOTALS	4,893.25	7,050	4,893.25	7,050	2,156.75-	30.6-	70,500
SECT B OPERATIONS AND MAINTENANCE	=========		:========	=======	=========	======	-======
B100 ELECTRICITY	8,251.51	10,288	8,251.51	10,288	2,036.49-	19.8-	123,450
B104 FUEL - GENERATORS	.00	1,250	.00	1,250	1,250.00-	100.0-	5,000
B112 COMMUNICATION	415.59	458	415.59	458	42.41-	9.3-	5,500
B113 EMERGENCY/SAFETY EQUIPMENT	.00	125	.00	125	125.00-	100.0-	250
B116 SUPPLIES	.00	120	.00	120	120.00-	100.0-	400
B520 EQPT/EQPT REPAIR - BUTTERFIELD	.00	165	.00	165	165.00-	100.0-	1,981
B521 EQPT/EQPT REPAIR - CENTEX	.00	379	.00	379	379.00-	100.0-	4,551
B522 EQPT/EQPT REPAIR - COLLEGE B523 EQPT/EQPT REPAIR - EARLSTON	.00	274 6,004	.00	274 6,004	274.00- 6,004.00-	100.0-	3,283 72,051
B524 EQPT/EQPT REPAIR - HOBSON	.00	343	.00	343	343.00-	100.0-	4,119
B525 EQPT/EQPT REPAIR - HOBSON B525 EQPT/EQPT REPAIR - LIBERTY PARK	.00	335	.00	335	335.00-	100.0-	4,014
B526 EQPT/EQPT REPAIR - NORTHWEST	.00	2,252	.00	2,252		100.0-	27,021
B527 EQPT/EQPT REPAIR - VENARD	.00	268	.00	268	268.00-	100.0-	3,217
B528 EQPT/EQPT REPAIR - WROBLE	.00	169	.00	169	169.00-	100.0-	2,033
B529 EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	137.28	4,078	137.28	4,078	3,940.72-	96.6-	48,930
B820 BLDG AND GROUNDS - BUTTERFIELD	62.20	0	62.20	0	62.20	.0	0
B821 BLDG AND GROUNDS - CENTEX	62.20	0	62.20	0	62.20	.0	0
B823 BLDG AND GROUNDS - EARLSTON	62.20	0	62.20	0	62.20	.0	0
B824 BLDG AND GROUNDS - HOBSON	62.20	0	62.20	0	62.20	.0	0
B825 BLDG AND GROUNDS - LIBERTY PARK	62.20	0	62.20	0	62.20	.0	0
B826 BLDG AND GROUNDS - NORTHWEST	62.20	1,250	62.20	1,250	1,187.80-	95.0-	15,000
B827 BLDG AND GROUNDS - VENARD	62.20	0	62.20	0	62.20	.0	0
B828 BLDG AND GROUNDS - WROBLE	62.20	0	62.20	0	62.20	.0	17,500
B829 BLDG AND GROUNDS - LIFT STATIONS GENERAL	.00	1,200	.00	1,200 ======	1,200.00-		14,400
SECT B TOTALS	9,301.98	28,958	9,301.98	28,958	19,656.02-	67.9-	352,700
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DEPT 17 O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS

SECT E INSURANCE AND EMPLOYEE BENEFITS

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 6
FUND 01 GENERAL FUND

	ACTUAL	BUDGET			ACTUAL-		
COST	CURRENT	CURRENT	ACTUAL	BUDGET	BUDGET	VAR	TOTAL
NUMBER DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	૪	BUDGET
		========	========		========	======	=======
E452 LIABILITY/PROPERTY	8,641.88	8,000	8,641.88	8,000	641.88	8.0	192,500
E455 EMPLOYEE GROUP HEALTH	39,851.04	44,104	39,851.04	44,104	4,252.96-	9.6-	529,250
E460 IMRF	19,266.90	22,881	19,266.90	22,881	3,614.10-	15.8-	277,350
E461 SOCIAL SECURITY	17,343.22	18,906	17,343.22	18,906	1,562.78-	8.3-	235,150
	========	=========	=========		========		=======
SECT E TOTALS	85,103.04	93,891	85,103.04	93,891	8,787.96-	9.4- 1	,234,250
		========	========		=========		=======
		========	========		=========		=======
DEPT 17 TOTALS	85,103.04	93,891	85,103.04	93,891	8,787.96-	9.4- 1	,234,250
		=========	:========		========	=======	=======
DEPT 91 SA EXPENSE							
							=======
DEPT 91 TOTALS	.00	0	.00	0	.00	0	
FUND EXPENSE TOTAL	853,871.73	951.762	853,871.73	951,762	97,890.27-		429 400
FORD EXPENSE TOTAL	055,071.75	931,702	==========	931,10Z =======	91,090.21-	10.5- 9	, 122, 100
FUND 01 TOTALS	185,808.97	284,888	185,808.97	284,888	99,079.03-	34.8-	61,200

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 7

FUND 02 IMPROVEMENT FUND

NUMBER :	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET	
DEPT 05	REVENUES							
3007 INTERES				1,429- 7,500-				
DEPT 05	TOTALS		13,573.83-	8,929-	13,573.83-	8,929-	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 STATI	ON 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	2,867.50	0	2,867.50	0	0	
DEPT 74	TOTALS	==	2,867.50	0		0	7,500	
FUND EX	PENSE TOTAL		2,867.50	0	2,867.50	0	100,700	
FUND 02	TOTALS	==	10,706.33-		10,706.33-	8,929-	6,450-	

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 8

DEPT 39 CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT

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							
	ST ON INVESTM PERMIT FEES FUNDING		422.20- 44,688.00- .00	20,833-	422.20- 44,688.00- .00	833- 20,833- 0	10,000- 250,000- 500,000-	
DEPT 0	5 TOTALS	==	45,110.20-		45,110.20-	21,666-	760,000-	
DEPT 30	CAPITAL EXP	== - ARRA - LOAN REPAYMENTS	=======	========		=======	=======	
0500 PROJEC	T BUDGET		.00	0	.00	0	28,900	
DEPT 3	0 TOTALS	==	.00	0	.00	0	28,900	
DEPT 31	CAPITAL EXP	== - WWTC - CHP BIOGAS	=======	========	-=======		:=======	
DEPT 3	1 TOTALS		.00	0	.00	0	0	
DEPT 32	CAPITAL EXP	== - WWTC - SECOND TURBOBLOW						
DEPT 3	2 TOTALS		.00	0	.00	0	0	
DEPT 33	CAPITAL EXP	WWTC - DIGESTER MIXING/						
DEPT 3	3 TOTALS		.00	0	.00	0	0	
DEPT 34	CAPITAL EXP	WWTC - GREASE WASTE DEL		=======				
DEPT 3	4 TOTALS		.00	0	.00	0	0	
DEPT 35	CAPITAL EXP	== - WWTC - CHP BIOGAS PHASE				-======		
DEPT 3	5 TOTALS		.00	0	.00	0	0	
DEPT 37	CAPITAL EXP	== - WWTC - GREASE RECEIVING						
DEPT 3	7 TOTALS		.00	0	.00	0	0	
DEPT 38	CAPITAL EXP	== - WWTC - PROPERTY ACQUISI						
DEPT 3	8 TOTALS		.00	0	.00	0	0	

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 9

FUND 03 CONSTRUCTION FUND

		ACTUA	L BUI	DGET				
	COST	CURRE	NT CUI	RRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION	MONTH	MOI	NTH	Y-T-D	Y-T-D	BUDGET	
=======			=======	=======				
		======	=======					
DEPT	39 TOTALS		.00	0	.00	0	0	
		======	=======	=======				
DEPT 40	CAPITAL EXP - WWTC - I	LOAN REPAYMENT						
		======	=======	=======				
DEPT	40 TOTALS		.00	0	.00	0	0	
		======	=======	=======				
FUND	EXPENSE TOTAL		.00	0	.00	0	28,900	
		======	=======					
FUND	03 TOTALS	45,1	10.20-	21,666-	45,110.20-	21,666-	731,100-	

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 10 FUND 05 PUBLIC BENEFIT FUND

FUND EXPENSE TOTAL

FUND 05 TOTALS

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL Y-T-DY-T-D BUDGET NUMBER DESCRIPTION MONTH MONTH ------74.58- 46- 74.58- 46- 550-3007 INTEREST ON INVESTMENTS 550-DEPT 05 TOTALS 74.58-46-74.58- 46-______ DEPT 59 CAPITAL EXP - SEWER - SEWER EXTENSIONS ______ .00 0 .00 0 DEPT 59 TOTALS ______ DEPT 65 CAPITAL EXP - SEWER - REIMB FOR ADDED DEPTH ______ DEPT 65 TOTALS 0 .00 0 ______

0

.00

74.58- 46- 74.58- 46- 550-

0

0

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 11

FUND 54 SPECIAL ASSESSMENT NO. 54

FUND 54 TOTALS

			ACTUAL	BUDGET					
		COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL		
NUMBER	DESCRIPTION		MONTH	MONTH	Y-T-D	Y-T-D	BUDGET		
=======	========	=======================================			========	=======	=======		
DEPT 05	REVENUES								
		-		=========	========	=======	========	:========	
DEPT	05 TOTALS		.00	0	.00	0	0		
		=		=========	========	=======	========		
DEPT 91	SA EXPENSE								
		-		========	========	=======	========		
DEPT	91 TOTALS		.00	0	.00	0	0		
				========		=======			
FUND	EXPENSE TOTAL		.00	0	.00	0	0		
		:			========	=======	=======		

.00 0 .00 0

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 12

FUND 55 SPECIAL ASSESSMENT NO. 55

FUND 55 TOTALS

			ACTUAL	BUDGET					
		COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL		
NUMBER	DESCRIPTION		MONTH	MONTH	Y-T-D	Y-T-D	BUDGET		
DEPT 05	REVENUES	=======================================				=======			======
		=		=========	========	=======	========		======
DEPT (05 TOTALS		.00	0	.00	0	0		
		=		========	:=======	=======	========		======
DEPT 91	SA EXPENSE								
		_							
DEPT 9	91 TOTALS	•	.00	0	.00	0	0		
		:			.=======	=======	========	========	======
FUND I	EXPENSE TOTAL		.00	0	.00	0	0		
		=	=========			=======	========		======

.00 0 .00 0

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 13

FUND 56 SPECIAL ASSESSMENT NO. 56

FUND 56 TOTALS

			ACTUAL	BUDGET				
		COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION		MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
DEPT 05	REVENUES			=======		======	=======	
DEPT ()5 TOTALS	==	.00	0	.00	0	0 	
DEPT 91	SA EXPENSE							
		==		=========	========	========	=======	
DEPT 9	91 TOTALS	==	.00	0	.00	0	0	.=========
FUND E	EXPENSE TOTAL		.00	0	.00	0	0	

0 .00 0

.00

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 14
FUND 57 SPECIAL ASSESSMENT NO. 57

FUND 57 TOTALS

ACTUAL BUDGET COST CURRENT CURRENT ACTUAL BUDGET TOTAL Y-T-DY-T-D BUDGET NUMBER DESCRIPTION MONTH MONTH ------REVENUES ______ DEPT 05 TOTALS .00 0 .00 0 _____ DEPT 91 SA EXPENSE ______ 0 0 .00 DEPT 91 TOTALS .00 0 ______ .00 0 FUND EXPENSE TOTAL 0 0 ______

0

.00

0

.00

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 15

FUND 58 SPECIAL ASSESSMENT NO. 58

		ACTUAL	BUDGET				
	COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
========							
DEPT 05	REVENUES						
3008 INTERE	ST ON ASSESSMENTS	79.07-	- 0	79.07-	0	0	
DEPT (5 TOTALS	79.07-	- 0	79.07-	0	0	
DEPT 91	SA EXPENSE						
		=========		=========	========		=======================================
DEPT 9	21 TOTALS	.00	0	.00	0	0	
FUND E	EXPENSE TOTAL	.00	0	.00	0 	0	
FUND 5	58 TOTALS	79.07-	- 0	79.07-	0	0	

DATE 06/13/19 MONTH ENDED 05/31/19 PAGE 16
FUND 71 SEWER EXTENSIONS ESCROW

FUND 71 TOTALS

		ACTUAL	BUDGET				
	COST	CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL	
NUMBER	DESCRIPTION	MONTH	MONTH	Y-T-D	Y-T-D	BUDGET	
DEPT 05	REVENUES				=======	=======	
3007 INTER	EST ON INVESTMENTS	14.81-	0	14.81-	0	0	
DEPT (05 TOTALS	14.81-	0	14.81-	0	0	
DEPT 92	SEWER EXPENSE						
DEPT 9	92 TOTALS	.00	0	.00	0	0	
FUND I	EXPENSE TOTAL	.00	0	.00	0	0	

14.81- 0 14.81- 0 0

WWTC Operations Data – April

The DMR for April indicates that the final effluent averaged 2.2 mg/l CBOD, 1.1 mg/l suspended solids and 0.28 mg/l ammonia nitrogen over a daily average flow of 14.29 MGD. There were four days of excess flow during the month of April. We had four permit excursions for fecal coliform in April related to those heavy rain events during the month.

Sewer Permits – April

There were 12 sewer permits issued in April – 6 single family, 2 commercials, and 4 disconnections.

Financial Data – April

In April, the District received \$647,469 in the General fund, including \$215,135 in user charges, \$16,482 in surcharges and \$293,533 in monthly fees. General fund expenses totaled \$552,273. The Improvement fund had revenues of \$3,562 and expenses of \$47,121. The Construction fund had revenues of \$14,898 and expenses of \$14,404.

Personnel

The District has created and filled a new full-time Engineer position. Alex Bielawa will be starting on Monday, June 10 in the Admin Center.

Group Health Insurance Enrollment

Thanks to all employees that have already submitted their health insurance enrollment information. We have received plan selection information from almost all employees. Please note that the deadline for turning the group health insurance this information in is Friday, May 31, but having the information turned in as soon as possible assists staff with a timely and accurate enrollment. If you are staying on the same plan, BlueCross BlueShield of Illinois has already sent out new ID cards and you are set. If Employees have made a plan change (moving from the PPO to HMO, vice versa or even a different HMO plan than their current plan – **i.e. the P506BCH Advocate only plan**), they will be receiving a new set of cards in the near future. If you need assistance determining whether or not you have received the correct set of cards, please see Clay.

Employee T-Shirt Orders

Eligible employees are reminded that the T-Shirt order deadline is the end of the day on Tuesday, May 28.

TopHealth

Enclosed is the June Edition of TopHealth Newsletter.

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 developing a plan 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

Baxter & Woodman has begun design of the installation of a mechanical sludge thickener to be located in the digester 4-5 control building.

4) 2019-20 Sewer Rehabilitation

On May 21, the Board of Trustees awarded the Warren Avenue Lining Project to Insituform Technologies USA, LLC of Chesterfield, Missouri in the amount of \$247,058. It is anticipated that this project will commence in June or July.

5) MPI Paving Contract

On May 21, the Board of Trustees awarded the District's 2019 Paving Contract to Schroeder Asphalt Services, Inc. of Huntley, Illinois in the amount of \$44,142. This award was made under the DuPage County Municipal Partnering Initiative.

6) BSSRAP Contract Amendment

On May 21, the Board of Trustees approved renewal of the District's BSSRAP contract with Uno Construction Co., Inc. of Downers Grove, IL for the 2019-2020 contract year with a 3% increase in unit costs for a total contract award of \$1,158,715.

Flex Payroll Adjustments

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

Employee Anniversary

Congratulations to Alan Hartigan for 10 years of service as of May 4!

Retirement

Irene Taylor will be retiring from the District on June 30, 2019. Irene has 26 years of service with the District and we will be hosting a retirement dinner for Irene on June 19 at Three Corners. Signup sheets for this event are due back to Carly by Friday, June 14.

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.

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



General Manager Nicholas J. Menninga

Legal Counsel Michael G. Philipp

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

Providing a Better Environment for South Central DuPage County

May 28, 2019

Ms. Maureen A. Brehmer Environmental Protection Engineer Field Operations Section Division of Water Pollution Control Illinois Environmental Protection Agency 9511 West Harrison Des Plaines, IL 60016

Dear Ms. Brehmer:

The purpose of this letter is to notify the Agency of the following manhole overflow following today's heavy rain:

Manhole No.	Manhole Location	Overflow Date
2D-001	1369 Turvey, Downers Grove	May 27, 2019
1K-049	302 Naperville Road, Westmont	May 27, 2019

These overflows, lasting less than 2 hours, occurred as the result of the intense rainfall yesterday afternoon. We measured 1.7 inches of rainfall over a 4-hour period, on top of saturated ground from over an inch of precipitation recorded over the previous week. Our technicians posted appropriate signage during the event, and have since cleaned up any debris in the vicinity of the overflow.

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

If you have any questions, please call (630-353-3605).

Sincerely,

DOWNERS GROVE SANITARY DISTRICT

Nick Menninga General Manager

C: BOT



Illinois Environmental Protection Agency

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

Sanitary Sewer Overflow or Bypass Notification Summary Report

- Within 24 hours of the occurrence, notify the Illinois EPA regional wastewater staff by telephone, FAX, email or voice mail, if staff are unavailable.
- Within 5 days of the occurrence, provide a written report describing the overflow or bypass, including all information requested on this form. The permittee is required to submit this form or other equivalent written notification to the Illinois EPA at:

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

NOTE: You may complete this form online, save a copy locally, print, sign and submit it to the BOW/CAS MC #19, at the above address. You may also print the form before completing it by hand, signing and submitting it.

Failure to notify the Illinois EPA as specified may result in fines up to \$10,000 for each day of violation.

Instructions: Use this form to report all unscheduled sanitary sewer overflow or bypass occurrences. Attach additional information as necessary to explain or document the overflow or bypass. For the purpose of this report, an overflow or bypass is defined as the discharge of untreated sewage from the sanitary sewer collection system to a surface water and/or ground due to circumstances such as those identified by the check boxes in the overflow or bypass details section of this form.

Use one form per occurrence. A single occurrence may be more than one day if the circumstances causing the overflow or bypass results in a discharge duration of more than 24 hours. If there is a stop and restart of the overflow or bypass within 24 hours, but it is caused by the same circumstances, report it as one occurrence. If the discharges are separated by more than 24 hours, they should be reported as separate occurrences.

24 Hour Notification Information

Permittee (Municipality or Facility Name): Downers Grove Sanitary District					erson Representing Permittee Who Contacted IEPA: lick Menninga				
Date: 05-28-19	Time: 3:00	AM	PM ×	IEPA Office Des Plaine	e Contacted: s		Name of IEPA Employee Contacted: Maureen Brehmer		
Sanitary Sev	wer Ov	 erflow	or E	ypass De	tails				
Date and Durat	ion of Ov	erflow	or Byp	ass Occurre	nce (complete a	separate for	m for each occurrence):		
Start Date: 05-27-19	Time: 7:00	AM	PM X	Duration of less than 2		bypass (hou	rs and minutes):		
Estimated Volu Wastewater Discharged (gallons):	V N	VWTP (IGD): I ystem (Not ap	uring bypass plicable for a	collection L		ne Overflow or Bypass:		
Unknown					2	2 Lindenwald	Lane, Downers Grove		
Circumstan	ces Ca	using	the (Overflow o	or Bypass (ch	neck all th	at apply)		
WPC 733	\times	Rain		☐ Power €	Outage 🔲 Equ	ıipment Failւ	ıre Other (explain below)		
11/2011		☐ Snow Melt ☐ Broken			Sewer				
failed. What ca	aused the	power	outag	e, or what pl	ugged the sewer	r. Flooding s	ccurred. For example, describe what equipment should only be indicated, as a cause if there is ot just localized high water in the street.		
							•		

Date(s) and Duration of Rainfall:			
Start Date: Time: AM PM End Date: T	ime: AM PM	Amount of Rainfall (inches)	Amount of Snow Melt
71 T W	:40 \(\sum \text{ \text{\ti}\text{\texi{\text{\tinte\tint{\text{\ti}}\tint{\text{\text{\text{\text{\text{\tin\text{\text{\text{\text{\texi}}\tint{\text{\text{\texitile}}\tint{\text{\text{\text{\texict{\text{\text{\texit{\texi{\texi\tiint{\text{\texi}\tint{\titt{\text{\texi{\texi{\texi{\texi}\tint{\texit{\texi{\texi{\texi}	1.7	(inches)
<u> </u>			
Contributing Soil Conditions (saturated, frozen, so	il type)		•
Ground saturated from previous week's rainfall.			
Where Did the Discharge from the Over	flow or Bypas	ss Go? (check all that a	apply)
Provide the name of the local receiving water that If discharge does not enter directly into surface was storm sewer to find the receiving water.			
Runs on ground and absorbs into the soil			
☐ Ditch: Name of surface water it drains to:			
Storm Sewer: Name of surface water it drain	ns to:		
Surface water direct discharge:			
Basement Back-ups. (Number & use (i.e.resi	dential commerci	al) of buildings affected):	
Other, describe:	deridal, commictor	ar) or buildings uncolou).	
Utilet, describe.			
Actions to Correct This Occurrence and	d Designed First	ves Owerflaure on Dune	222
		• •	
Describe what actions were taken to minimize the this form. Also describe what actions are planned permits prohibit overflows or bypasses, unless cer	to prevent or min	imize future overflows or byp	assess. Illinois law and NPDES
may be the subject of enforcement action.			
Ongoing I/I removal program and regular sewer cl	eaning.		
Report Completed By	Aut	horized Representative	Contact Information
Contact Person: Nick Menninga	Cont	act Person; Nick Menninga	
Street Address: 2710 Curtiss St		: General Manager	
DO D		et Address: 2710 Curtiss St	
PO Box:			
City: Downers Grove State:	PO E		
			State: IL
City: Downers Grove State:	664 City:	Box: Downers Grove Code: 60515	State: IL Phone: 6309690664
City: Downers Grove State: II Zip Code: 60515 Phone: 6309690	664 City:	Box: Downers Grove Code: 60515	
City: Downers Grove State: U Zip Code: 60515 Phone: 6309690 County: DuPage	664 City: Zip C	Downers Grove Code: 60515 hty: DuPage	Phone: 6309690664
City: Downers Grove State: II Zip Code: 60515 Phone: 6309690	664 City: Zip C Cour	Box: Downers Grove 60515 hty: DuPage ent material statement, oral	Phone: 6309690664 ly or in writing, to the
City: Downers Grove State: II Zip Code: 60515 Phone: 6309690 County: DuPage Any person who knowingly makes a false, ficti Illinois EPA commits a Class 4 felony. A secon ILCS 5/44(h))	664 City: Zip Cour Cour tious, or fraudule nd or subsequen	Box: Downers Grove 60515 hty: DuPage ent material statement, oral	Phone: 6309690664 ly or in writing, to the
City: Downers Grove State: U Zip Code: 60515 Phone: 6309690 County: DuPage Any person who knowingly makes a false, ficti Illinois EPA commits a Class 4 felony. A secon	664 City: Zip C Cour	Box: Downers Grove 60515 hty: DuPage ent material statement, oral	Phone: 6309690664 ly or in writing, to the
City: Downers Grove State: II Zip Code: 60515 Phone: 6309690 County: DuPage Any person who knowingly makes a false, ficti Illinois EPA commits a Class 4 felony. A secon ILCS 5/44(h))	664 City: Zip Cour Cour tious, or fraudule nd or subsequen	Box: Downers Grove 60515 hty: DuPage ent material statement, oral t offense after conviction is	Phone: 6309690664 ly or in writing, to the
City: Downers Grove State: II Zip Code: 60515 Phone: 6309690 County: DuPage Any person who knowingly makes a false, ficti Illinois EPA commits a Class 4 felony. A secon ILCS 5/44(h)) Authorized Representative Name (Print)	664 City: Zip Cour tious, or fraudule nd or subsequen Title	Box: Downers Grove 60515 hty: DuPage ent material statement, oral t offense after conviction is	Phone: 6309690664 ly or in writing, to the
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NOTE: You may complete this form online, save a copy locally, print, sign and submit it to the BOW/CAS MC #19, at the above address. You may also print the form before completing it by hand, signing and submitting it.

Failure to notify the Illinois EPA as specified may result in fines up to \$10,000 for each day of violation.

Instructions: Use this form to report all unscheduled sanitary sewer overflow or bypass occurrences. Attach additional information as necessary to explain or document the overflow or bypass. For the purpose of this report, an overflow or bypass is defined as the discharge of untreated sewage from the sanitary sewer collection system to a surface water and/or ground due to circumstances such as those identified by the check boxes in the overflow or bypass details section of this form.

Use one form per occurrence. A single occurrence may be more than one day if the circumstances causing the overflow or bypass results in a discharge duration of more than 24 hours. If there is a stop and restart of the overflow or bypass within 24 hours, but it is caused by the same circumstances, report it as one occurrence. If the discharges are separated by more than 24 hours, they should be reported as separate occurrences.

24 Hour Notification Information

Permittee (Municipality or Facility Name): Downers Grove Sanitary District			ne):	Permit Number: IL0028380	Person Representing Permittee Who Contacted IEPA: Nick Menninga					
Date: 05-28-19	Time: 3:00	AM	PM	IEPA Office	Contacted:	Name of IEPA Employee Contacted: Maureen Brehmer				
Sanitary Se		 erflow		Sypass Det	tails					
•				•		parate form for each occurrence):				
Start Date: 05-27-19	Time: 8:00	AM	PM	Duration of less than 2		pass (hours and minutes):				
Estimated Vol Wastewater Discharged (gallons):	lume of W	/WTP I IGD): I ystem S	Not ap	uring bypass plicable for a	collection	ation of the Overflow or Bypass:				
Unknown					302	Naperville Road, Downers Grove				
Circumstar	nces Cai	using	the (Overflow o	r Bypass (che	ck all that apply)				
WPC 733	×	Rain		Power (Outage 🔲 Equip	ment Failure 🏻 Other (explain below)				
11/2011		Snow N	∕lelt	Broken	en Sewer 🔲 Widespread Flooding					
failed. What o	caused the	power	outaç	je, or what pl	ugged the sewer.	bypass occurred. For example, describe what equipment Flooding should only be indicated, as a cause if there is levels, not just localized high water in the street.				

vvet vveatner	(ii applicable)							
Date(s) and D	ouration of Rainfall:							
Start Date: 05-27-19	Time: AM PM 1:15 🔲 🗵	End Date: 05-27-19	Time: <u>5:40</u>	AM PM	Amount o	of Rainfall (inches)	Amoun (inches	t of Snow Melt
Ground satur	Soil Conditions (satuated from previous the Discharge	week's rainfall			ss Go? (check all that a	(Vlagi	
	_				`		,	
If discharge d		ly into surface						river, lake, or wetland the path of the ditch o
Runs on g	ground and absorbs	into the soil						
☐ Ditch: Na	ime of surface wate	r it drains to:						
★ Storm Ser	wer: Name of sur	face water it d	lrains to:	Tributary to	o East Bran	nch DuPage River		
☐ Surface v	water direct discharg	ge:						
Basemen	t Back-ups, (Numb	per & use (i.e.ı	residential,	, commerci	ial) of build	ings affected):		
Other, de	escribe:							
may be the s Ongoing I/I re	ibit overflows or byp ubject of enforceme emoval program and	ent action.		j.				
Report Co	mpleted By			Aut	horized	Representative	Contac	t Information
	on: Nick Menninga			Cont	lact Person	: Nick Menninga		
	ss: 2710 Curtiss St				: <u>General</u>			
PO Box:						2710 Curtiss St		
City:	Downers Grove 60515	State: Phone: 63096		PO E City:		Downers Grove		State: IL
Zip Code: County:	DuPage	Phone. 03080	390004	-	Code:	60515	Phone:	6309690664
oounty.	Dui age			Cou		DuPage		
	who knowingly ma commits a Class 4)							
Authorized R	tepresentative Nam	e (Print)		Title				
Nick Menning		General M	lanager					
	4/					5-7	25-1	19
Auth	orized Representati	ve Signature	\mathcal{O}^{-}		_	Date		· i

DOWNERS GROVE SANITARY DISTRICT

<u>M E M O</u>

TO: Nicholas J. Menninga General Manager

FROM: W. Clay Campbell

Administrative Supervisor

DATE: June 11, 2019

RE: Prevailing Wage Act Compliance

In the 2018-2019 Illinois legislative session, Senate Bill 203 passed both houses and was then signed into law by Governor Pritzker on January 8, 2019 becoming Public Act 100-1177. Public Act 100-1177 has an effective date of June 1, 2019 and eliminates the previous statutory requirement for the District, as a unit of local government, to adopt a prevailing wage ordinance in order to comply with the Illinois Prevailing Wage Act (820 ILCS 130) by ascertaining the "prevailing wage rates" for skilled trades working on "public works." As a result, the District no longer needs to adopt a prevailing wage ordinance each year.

There is a continuing requirement for the District to notify all contractors of prevailing wage work as defined under the Act. In addition, the District will need to continue collecting certified payrolls from contractors prior to releasing payment until April 1, 2020. These requirements will be met administratively going forward without the need for further Board action. After April 1 2020, the new Public Act 100-1177 requires contractors to submit their certified payrolls directly to the Illinois Department of Labor using a new online database and to cease providing them to units of local government.

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



Editorial

Landia Offers an Innovative Approach to Mixing Biosolids in Digesters

Landia Offers an Innovative Approach to Mixing Biosolids in Digesters

An automated mixing system helps an Illinois treatment plant improve biogas production and increase volatile solids destruction

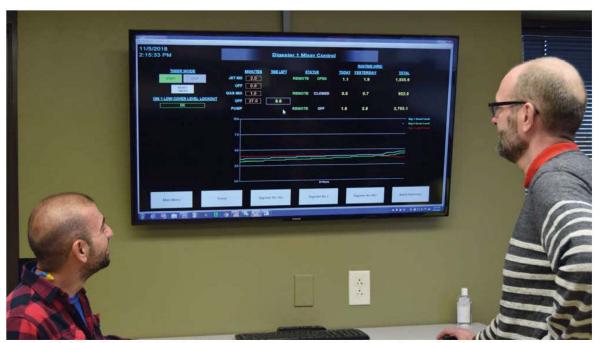
Appeared in print as "A Better Blend"

☑ By Scottie Dayton

② June 2019

► How We Do It - Wastewater





Sam Tatulli, left, biosolids mechanic, and Nick Menninga, general manager, adjust the Landia GasMix equipment via the SCADA system.

Operators at the Downers Grove (Illinois) Wastewater Treatment Center worked for four years with the vendor to repair the compressor on the gas recirculating mixing system in Primary Digester No. 1.

"The compressor ran, but it wouldn't move any gas," says Nick Menninga, the plant's general manager. Then Menninga took a tour of self-sufficient Danish wastewater treatment plants and their equipment vendors. At the Landia factory in Denmark, he saw the externally mounted GasMix digester mixing system.

"It was only after my return when we were evaluating different options for fixing or replacing the old mixing system that Landia entered the conversation," Menninga says. "Compared to other technologies, the GasMix retrofit was more economical to purchase and install." In March 2017, Downers Grove became the first municipality in North America to operate a GasMix system.

Complete mixing

The plant provides primary settling followed by secondary treatment and ammonia removal using activated sludge, tertiary sand filtration and seasonal disinfection. Most treated effluent discharges to the East Branch of the DuPage River. Class A biosolids are distributed free to the public.

Related: Chicago-Area District Nears Net-Zero Energy Through Efficiency and Aggressive Biogas Production

The facility has three primary digesters and two secondary digesters. Digester gas is stored, treated and used in the combined heat and power facility. Soren Rasmussen, director of Landia's U.S.-based operations, helped Menninga size the equipment for Digester No. 1, a 55-foot-diameter concrete cylinder with a cone bottom, a floating cover and a liquid volume of 460,000 gallons.

In phase one of the mixing process, an external 49 hp centrifugal chopper pump (Landia) draws material from the digester. Chopping is completed before the reduced particles are pumped through an aspirating venturi chamber. The resulting vacuum sucks biogas down from the digester head space and injects it into the liquid, mixing the solids vertically and keeping a scum cap from forming on the surface.

In phase two, a high-pressure mixing nozzle injects liquid into the lower half of the digester, creating a rotational horizontal mixing pattern that keeps solids from settling. "The low-viscosity sludge helps knock down surface scum, increasing the volume of active digestion and making the system run more efficiently," Menninga says.

Preparation and installation

To prepare for the retrofit, operators redirected the sludge flow to another primary digester, cleaned Digester No. 1, removed the gas piping inside the tank and enlarged the gas withdrawal piping from 4 to 8 inches.

Related: Some Plant Operators Are Specialists. Team Members at Crystal Lake Do It All.

Following Landia's recommendation, a contractor core drilled through the tank wall at the proper locations and angles to install the two solid stainless steel nozzles. Workers set the centrifugal pump in the digester control room. They ran a 12-inch vacuum line from the digester to the pump and 6-inch discharge pipes from the pump to the nozzles. They wired the pump and the automatic valves controlling the nozzles to the plant's SCADA system. The retrofit took a month.

Up and running

Landia sent representatives to train the operators. "Each valve's operation time is determined by the sludge characteristics and can be fine-tuned to provide effective mixing with the lowest possible parasitic load," Menninga says. "Landia's startup default opened the sludge mix valve for 10 minutes and then the GasMix valve for 5 minutes every hour."

Operators experimented with the scheduling based on whether biogas was sent to storage or flared. "The default had us flaring hourly," Menninga says. "Our optimal runtime turned out to be opening each valve for 5 minutes every hour. We don't flare routinely with this schedule."

After 18 months, it's difficult for Menninga to characterize gas production because of how data is collected. "In rough terms, it appears we have a 20 percent increase in digester gas production, and the destruction of volatile solids appears to have increased from the mid-50s percent to the mid-60s percent," he says. "From an operations standpoint, effectively mixing the tank has made improvements."

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