

DOWNERS GROVE SANITARY DISTRICT  
GENERAL MANAGER'S REPORT  
January 12, 2018

January Board Meeting

Copies of the following items are enclosed for the January 16, 2018 meeting:

- 1) Proposed Agenda
- 2) Minutes of December 19, 2017 regular meeting
- 3) Claim Ordinance 1861
- 4) Grease Receiving Station Change Order
- 5) Review of Operations – 2017 WWTC Operations
- 6) Review of Operations – 2017 Sewer Maintenance Summary and 2018 Work Plan
- 7) Review of Operations – 2017 Annexation Summary Report
- 8) Operations Report – Contractor Insurance Requirements
- 9) Annexation Ordinance No. AO 2018-01, 6333 Fairmount, Downers Grove
- 10) Confidential – under separate cover – FY 2018/19 Salary Schedule

BOLI Meeting

There is no BOLI meeting scheduled this month.

Operations Reports

Copies of the following are enclosed for December 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-049 (55<sup>th</sup> and Victor, DG) vicinity to evaluate post-rehabilitation performance. We have installed a bolt-down cover on manhole 1-M-049 to reduce overflows in the vicinity.

Financial

A copy of the Investment Schedule as of December 31, 2017 is enclosed.

The Treasurer's Report for December, 2017 covering the first eight months of FY 17-18 is included here, along with a summary cover memo.

Meetings

I attended the following meetings since the December 15, 2017 General Manager's report:

- December 19 hosted ComEd's energy efficiency seminar at the WWTC, including a presentation on DGSD energy efficiency activities.
- January 8 met with DuPage County Forest Preserve District to discuss footbridge in Gilbert Woods. Ted also attended.
- January 12 planning to attend IAWA Technical meeting in Utica, IL. Clay is also planning to attend.

Miscellaneous

I took vacation on December 29.

Copies of the following items are enclosed:

- 1) General Manager's Reports to Employees dated December 22, 2017 and January 5, 2018.
- 2) Cards from O'Neill Middle School students.

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

**DOWNERS GROVE SANITARY DISTRICT  
BOARD OF TRUSTEES MEETING  
JANUARY 16, 2018 – 7:00 PM**

**PROPOSED AGENDA**

- I. APPROVAL OF REGULAR MEETING MINUTES – DECEMBER 19, 2017
- II. APPROVAL OF CLAIM ORDINANCE NO. 1861
- III. PUBLIC COMMENT
- IV. OLD BUSINESS
- V. NEW BUSINESS
  - A. GREASE RECEIVING STATION CHANGE ORDER
  - B. REVIEW OF OPERATIONS – 2017 WWTC PERFORMANCE
  - C. REVIEW OF OPERATIONS – 2017 SEWER MAINTENANCE AND PERFORMANCE
  - D. REVIEW OF OPERATIONS – 2017 ANNEXATION SUMMARY
  - E. OPERATIONS REPORT – CONTRACTOR INSURANCE REQUIREMENTS
  - F. ANNEXATION ORDINANCE NO. AO 2018-01, 6333 FAIRMOUNT, DG
- VI. EXECUTIVE SESSION - PERSONNEL

## MINUTES

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, December 19, 2017, 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. Kovacevic, Trustee Paul W. Coultrap, General Manager Nicholas J. Menninga, Administrative Supervisor W. Clay Campbell, Operations Supervisor Marc R. Majewski, User Billing Coordinator Adrienne Kasper, Information Coordinator Alyssa J. Caballero and Attorney Michael G. Philipp.

### Minutes of Regular Meeting – November 21, 2017

A motion was made by Trustee Coultrap seconded by Trustee Kovacevic approving the minutes of the regular meeting held on November 21, 2017 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Kovacevic and Coultrap.)

### Claim Ordinance No. 1860

A motion was made by Trustee Kovacevic seconded by Trustee Coultrap adopting Claim Ordinance No. 1860 in the total amount of \$733,361.72 as presented and authorizing the President and Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren, Kovacevic and Coultrap.)

### Public Comment – None

### Old Business:

General Manager Menninga discussed that the pump issues at Hobson Lift Station were due to mechanical failure and not an accumulation of rags as previously reported.

### New Business:

### Resolution No. R2017-02 Sexual Harassment Policy

Administrative Supervisor Campbell presented Resolution No. R2017-02 to comply with the requirements of Public Act 100-0554 which was signed into law on November 16, 2017. This Public Act requires units of local government to either adopt an ordinance or pass a resolution by January 15, 2018 to establish a policy prohibiting sexual harassment in their organization. A motion was made by Trustee Kovacevic seconded by Trustee Coultrap approving Resolution No. R2017-02 adopting a Policy Prohibiting Sexual Harassment. The motion carried. (Votes recorded: Ayes-Van Buren, Kovacevic and Coultrap.)

### Operations Report – User Charge Collection Procedures

Administrative Supervisor Campbell and Billing Coordinator Kasper presented an operations report to the Board reviewing user charge collection procedures. The report reviewed the various steps and statutory basis for the District's procedures as well as their effectiveness at reducing delinquent user billing over the last five years.

## Workers Compensation Insurance Renewal

Administrative Supervisor Campbell presented the proposal for renewal of the District's Workers Compensation coverage effective January 1, 2018. District staff evaluated proposals from both the Illinois Public Risk Fund (IPRF), the District's current Workers Compensation carrier, and Travelers Insurance Co., the District's current carrier for its other coverages. He recommended that the Workers compensation policy be switched from IPRF to Travelers Insurance Co. at the annual premium of \$92,499 – a decrease of 15.0% under the current premium and savings of \$13,978. A motion by Trustee Coultrap seconded by Trustee Kovacevic was made approving the renewal of the District's Workers Compensation coverage through the IPRF for an annual premium of \$92,499 effective January 1, 2018. The motion carried. (Votes recorded: Ayes– Van Buren, Coultrap and Kovacevic.)

## Schedule of Meetings for 2018

Administrative Supervisor Campbell presented the Schedule of Regular Meetings for Calendar Year 2018. The approved schedule will be provided to the local papers and posted on the District's website. The Board concurred with staff's recommended Schedule of Regular Meetings for Calendar Year 2018.

## Other New Business

Trustee Kovacevic commented on the number of 'Likes' on the District's Facebook page and the District's upcoming visit to Herrick Middle School to present to 7<sup>th</sup> grade students. She also noted staff's work to implement manual ACH vendor payments, asked about who might typically be interested in purchasing the District's Atomic Absorption Spectrometer that was for sale and asked which particular commercial District customers were studied for phosphorus as noted in Laboratory Supervisor Reese Berry's monthly progress report. She also inquired about the reported manhole overflow related to the trunk sewer lining project on Walnut Avenue in Downers Grove. Lastly, she complimented staff on their work for assisting Westmont Fire Department with Speedway Gas Station during the weekend of Oct. 20 and commended Maintenance Supervisor Barta and his staff for their work on the energy efficient lighting upgrades at the treatment plant.

Trustee Coultrap commended Maintenance Supervisor Barta and his staff for their work on the energy efficient lighting upgrades at the wastewater treatment plant, inquired about the status of the staff's review of insurance requirements for contractors and the current status of the District's position openings for one Inspector and one Electrical Technician.

Trustee Van Buren inquired about the CHP performance, the construction progress of the new Grease Receiving Station at the wastewater treatment plant and the current status of the District's proposed Lift Station replacement project at Liberty Park in unincorporated Westmont and trunk sewer lining project on Walnut Avenue in Downers Grove.

A motion was made by Trustee Coultrap seconded by Trustee Kovacevic to adjourn the regular meeting at 8:05 p.m. The motion carried.

Approved: January 16, 2018

\_\_\_\_\_  
President

Attest: \_\_\_\_\_  
Clerk

Downers Grove, Illinois

Date: January 16, 2018

Claim Ordinance No. 1861

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 **\$668,710.32** being in words and figures as follows:

GENERAL LEDGER RECAP

DATE 12/18/17 PERIOD END 12/15/17 PAGE 4

Payroll Ending Date: 12/15/17  
 Payroll Paid Date: 12/19/17  
 GL Date: 01/31/18

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		18567.74-
01-00.2000	FEDERAL TAX WITHHELD		3340.12-
01-00.2001	STATE TAX WITHHELD		1309.72-
01-00.2002	SOCIAL SECURITY WITHHELD		1889.76-
01-00.2003	IMRF WITHHELD		1362.15-
01-00.2013	CREDIT UNION WITHHELD		750.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1419.23-
01-00.2020	DEFERRED COMPENSATION WITHHELD		300.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		307.73-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		173.34-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		69.33-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		1151.53-
01-11.A003	GENERAL MANAGEMENT	9860.22	
01-11.A004	FINANCIAL RECORDS	256.83	
01-11.A005	ADMINISTRATIVE RECORDS	128.20	
01-11.A007	CODE ENFORCEMENT	8676.33	
01-12.A009	OPERATIONS MANAGEMENT	3748.99	
01-12.A011	MAINTENANCE - WWTC	2908.19	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	268.98	
01-12.A014	MAINTENANCE - ELECTRICAL	366.75	
01-12.A021	WWTC - OPERATIONS	494.06	
01-12.A023	WWTC - ENERGY RECOVERY	124.77	
01-12.A030	BUILDING AND GROUNDS	48.64	
01-13.A009	OPERATIONS MANAGEMENT	2095.95	
01-13.A041	LAB - WWTC	336.26	
01-13.A042	LAB - PRETREATMENT	968.99	
01-13.A048	LAB - ENERGY RECOVERY	118.59	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	116.82	
01-15.A080	LIFT STATION MAINTENANCE	122.08	
		30640.65	30640.65-

GENERAL LEDGER RECAP

DATE 12/20/17 PERIOD END 12/16/17 PAGE 5

Payroll Ending Date: 12/16/17  
 Payroll Paid Date: 12/22/17  
 GL Date: 01/31/18

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		45533.15-
01-00.2000	FEDERAL TAX WITHHELD		9894.82-
01-00.2001	STATE TAX WITHHELD		3384.75-
01-00.2002	SOCIAL SECURITY WITHHELD		5488.02-
01-00.2003	IMRF WITHHELD		3198.13-
01-00.2012	WAGE DEDUCTION ORDER		627.23-
01-00.2013	CREDIT UNION WITHHELD		1621.31-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1327.77-
01-00.2017	VOLUNTARY GROUP LIFE		16.00-
01-00.2020	DEFERRED COMPENSATION WITHHELD		164.54-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		508.00-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		552.00-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		154.00-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		205.67-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		123.40-
01-11.A003	GENERAL MANAGEMENT	1370.21	
01-11.A004	FINANCIAL RECORDS	7080.95	
01-11.A005	ADMINISTRATIVE RECORDS	1395.84	
01-11.A007	CODE ENFORCEMENT	4493.86	
01-12.A011	MAINTENANCE - WWTC	8343.24	
01-12.A012	MAINTENANCE - VEHICLES	222.80	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	2364.50	
01-12.A014	MAINTENANCE - ELECTRICAL	5308.35	
01-12.A021	WWTC - OPERATIONS	12318.61	
01-12.A022	WWTC - SLUDGE HANDLING	4682.38	
01-12.A023	WWTC - ENERGY RECOVERY	310.96	
01-12.A030	BUILDING AND GROUNDS	706.50	
01-13.A041	LAB - WWTC	4299.55	
01-13.A042	LAB - PRETREATMENT	33.29	
01-13.A048	LAB - ENERGY RECOVERY	246.48	
01-14.A051	SEWER MAINTENANCE	5965.74	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	548.55	
01-14.A061	INSPECTION - NEW CONSTRUCTION	181.26	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	2714.23	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	1205.54	
01-14.A064	INSPECTION - MISCELLANEOUS	2455.62	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	3122.98	
01-14.A066	INSPECTION - CODE ENFORCEMENT	710.89	
01-14.A072	SEWER INVESTIGATIONS	180.72	
01-15.A080	LIFT STATION MAINTENANCE	2535.74	
		72798.79	72798.79-

GENERAL LEDGER RECAP

DATE 01/03/18 PERIOD END 12/30/17 PAGE 6

Payroll Ending Date: 12/30/17  
 Payroll Paid Date: 01/05/18  
 GL Date: 01/31/18

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		47718.49-
01-00.2000	FEDERAL TAX WITHHELD		10583.75-
01-00.2001	STATE TAX WITHHELD		3546.04-
01-00.2002	SOCIAL SECURITY WITHHELD		5732.89-
01-00.2003	IMRF WITHHELD		3314.63-
01-00.2012	WAGE DEDUCTION ORDER		627.23-
01-00.2013	CREDIT UNION WITHHELD		1621.31-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1311.18-
01-00.2017	VOLUNTARY GROUP LIFE		16.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		508.00-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		432.00-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		154.00-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		196.50-
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH		117.90-
01-11.A003	GENERAL MANAGEMENT	1190.88	
01-11.A004	FINANCIAL RECORDS	7310.32	
01-11.A005	ADMINISTRATIVE RECORDS	1198.73	
01-11.A007	CODE ENFORCEMENT	4254.43	
01-12.A009	OPERATIONS MANAGEMENT	560.00	
01-12.A011	MAINTENANCE - WWTC	10848.76	
01-12.A012	MAINTENANCE - VEHICLES	139.25	
01-12.A013	MAINTENANCE - ENERGY RECOVERY	614.07	
01-12.A014	MAINTENANCE - ELECTRICAL	3953.38	
01-12.A021	WWTC - OPERATIONS	12938.29	
01-12.A022	WWTC - SLUDGE HANDLING	5993.29	
01-12.A023	WWTC - ENERGY RECOVERY	233.42	
01-12.A030	BUILDING AND GROUNDS	1962.72	
01-13.A041	LAB - WWTC	4526.37	
01-13.A048	LAB - ENERGY RECOVERY	108.32	
01-14.A051	SEWER MAINTENANCE	3960.42	
01-14.A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS	897.20	
01-14.A061	INSPECTION - NEW CONSTRUCTION	272.02	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	2853.10	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	444.57	
01-14.A064	INSPECTION - MISCELLANEOUS	4429.56	
01-14.A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES	3226.42	
01-14.A066	INSPECTION - CODE ENFORCEMENT	430.45	
01-14.A072	SEWER INVESTIGATIONS	1607.54	
01-15.A030	BUILDING AND GROUNDS	194.95	
01-15.A080	LIFT STATION MAINTENANCE	1731.46	
		75879.92	75879.92-

GENERAL LEDGER RECAP

DATE 01/03/18 PERIOD END 12/31/17 PAGE 4

Payroll Ending Date: 12/31/17  
 Payroll Paid Date: 01/03/18  
 GL Date: 01/31/18

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		18122.24-
01-00.2000	FEDERAL TAX WITHHELD		3367.64-
01-00.2001	STATE TAX WITHHELD		1309.79-
01-00.2002	SOCIAL SECURITY WITHHELD		2315.71-
01-00.2003	IMRF WITHHELD		1362.18-
01-00.2013	CREDIT UNION WITHHELD		750.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1420.06-
01-00.2020	DEFERRED COMPENSATION WITHHELD		300.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		307.73-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		164.66-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		69.33-
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA		1151.29-
01-11.A003	GENERAL MANAGEMENT	9085.46	
01-11.A004	FINANCIAL RECORDS	614.52	
01-11.A005	ADMINISTRATIVE RECORDS	128.63	
01-11.A007	CODE ENFORCEMENT	8590.71	
01-12.A009	OPERATIONS MANAGEMENT	5180.58	
01-12.A011	MAINTENANCE - WWTC	2392.56	
01-12.A014	MAINTENANCE - ELECTRICAL	214.89	
01-12.A021	WWTC - OPERATIONS	587.76	
01-12.A023	WWTC - ENERGY RECOVERY	137.16	
01-13.A009	OPERATIONS MANAGEMENT	2876.09	
01-13.A041	LAB - WWTC	64.57	
01-13.A042	LAB - PRETREATMENT	472.31	
01-13.A048	LAB - ENERGY RECOVERY	106.81	
01-15.A030	BUILDING AND GROUNDS	134.49	
01-15.A080	LIFT STATION MAINTENANCE	54.09	
		30640.63	30640.63-

===== VENDOR =====		===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
AT & T MOBILITY	A000085	01/03/18	831873915	01-15.B112	LS Cell Dialer	52.19	52.19	060369
ACCURATE TANK TECHNOLOGIES	A000092	01/02/18	27673	01-12.B513	Ann Sensor & ATG Test	350.00	350.00	060370
ADVANCED DISPOSAL	A000153	12/31/17	T8009072	01-12.B102	Garbage & Recycling	250.80	250.80	060371
ALLIED WASTE SERVICE	A000255	12/15/17	05513001136	01-12.B102	Grit Scrn Dumpster Rent	81.00	81.00	060372
SYNCHB/AMAZON	A000295	12/06/17	469838346565	01-12.B112	Phone Case	21.13		
		12/13/17	553897858889	01-12.B117	Employee Winter Hats	79.92		
		01/03/18	636993436873	01-12.B112	Phone Case	18.99		
		12/05/17	638984576335	01-14.B112	Car Charger for Devices	11.99		
		12/04/17	658769437859	01-15.B529	Magnetic Switch	53.99	186.02	060373
AUTOZONE - AZ COMMERCIAL	A000600	12/15/17	2576826973	01-14.C225	2013 Ford Transit Brakes	257.26	257.26	060374
BAXTER & WOODMAN, INC.	B000120	12/14/17	0196578	01-14.B124	Flow Monitoring	472.04		
		12/14/17	0196579	01-11.B124	Downtown Sewer Modeling	1680.00	2152.04	100255
BENCHMARK CONSTRUCTION CO	B000130	12/31/17	2	01-14.B903	Walnut Ave Sewer Rehab	157229.10	157229.10	100256
BRUCKER COMPANY	B000400	12/19/17	123051	01-12.B116	Grit Blower Filter	232.50		
		01/05/18	123808	01-12.B502	Hypo Feed Pump 2 Part	1210.00	1442.50	060375
BUILD IT RIGHT INC	B000450	12/13/17	0011093	01-12.B512	Portable Pump Hoses	1468.56	1468.56	060376
CALLONE	C000073	01/15/18	1139811	01-11.B112	Admin Phone Service	475.17		
		01/15/18	1139811	01-12.B112	WWTC Phone Service	281.64	756.81	060377
WILLIAM C CAMPBELL	C000075	12/29/17	Reimburse	01-11.B117	Atty Registration WCC	385.00	385.00	060378
CINTAS #344	C000300	12/22/17	344674744	01-12.B117	WWTC Uniform Rental	35.34		
		12/22/17	344674744	01-14.B117	SS Uniform Rental	14.32		
		12/29/17	344678198	01-12.B117	WWTC Uniform Rental	35.34		
		12/29/17	344678198	01-14.B117	SS Uniform Rental	14.32		
		01/05/18	344681534	01-12.B117	WWTC Uniform Rental	35.34		
		01/05/18	344681534	01-14.B117	SS Uniform Rental	14.32	148.98	060379
CINTAS FIRST AID & SAFETY	C000320	12/21/17	5009611183	01-11.B116	Admin First Aid Supplies	9.25		
		12/21/17	5009611183	01-12.B113	WWTC First Aid Supplies	211.12	220.37	060380
COMCAST	C000373	01/03/18	1200550568	01-11.B112	Internet Service	132.14	132.14	060381
COMED	C000380	12/19/17	0562080004	01-15.B100	Venard LS Elec	209.88		
		01/03/18	1108062005	01-11.B100	Admin Center Elec	418.76		
		01/03/18	1108062005	01-12.B100	WWTC Elec	2244.97		
		12/21/17	6770572011	01-12.B100	Walnut House Elec	92.63		
		12/21/17	8762083052	01-12.B100	Big Top Elec	157.03	3123.27	060382
COMPBENEFITS	C000400	12/22/17	045517511	01-17.E455	Dental Insurance	2541.26	2541.26	060383
CURTIS MARTIN GROUP, INC.	C000660	12/16/17	6219	01-11.B115	New Def Comp Carrier Work	2417.50		
		12/23/17	6237	01-11.B115	New Def Comp Carrier Work	180.00		
		01/06/18	6254	01-11.B115	Billing Programming Fix	55.00	2652.50	100257
D.G. SANIT DIST #XXXXXXXXX1117	D000400	01/11/18	Reimburse	01-00.1001	Payroll Acct Reimburse	129941.62	129941.62	060384
D.G. SANIT DIST #XXXXXXXXX1114	D000420	01/03/18	Reimburse	01-05.3001	User Refund Acct Reimburs	2413.48	2413.48	060385
D.G. SANIT DIST #XXXXXXXXX1112	D000440	01/11/18	Reimburse	01-11.B117	Tech Meeting NJM & WCC	100.00		
		01/11/18	Reimburse	01-11.B121	Door Hanger Card Stock	23.90		
		01/11/18	Reimburse	01-17.E452	Notary Sigs Rec MJP & MW	20.00	143.90	060386
VILLAGE OF DOWNERS GROVE	D000480	12/15/17	135059	01-11.B121	Meter Readings	398.71		
		12/29/17	C2027270001	01-12.B102	WWTC Water Usage	2916.75		
		12/29/17	C2027271001	01-11.B102	Admin Center Water Usage	18.89	3334.35	060387
DUPAGE COUNTY RECORDER	D000620	10/30/17	201710300332	01-14.B901	I/I Docs	121.00		
		10/30/17	201710300332	01-14.B910	BSSRAP Docs	244.00		
		11/29/17	201711290148	01-11.B124	Ted Docs	181.00		
		11/29/17	201711290148	01-14.B128	O/H Sewer Docs	30.00		
		11/29/17	201711290148	01-14.B901	I/I Docs	91.00		
		11/29/17	201711290148	01-14.B910	BSSRAP Docs	305.00		

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
		12/07/17	201712070066	01-11.B121	Lien Release	8.00			
		12/26/17	201712260129	01-11.B121	Lien Release	8.00			
		12/27/17	201712270205	01-11.B121	Lien Releases	32.00	1020.00	060388	
ECO INFRASTRUCTURE SOLUTIONS	E000005	12/18/17	9617	01-14.B115	Transtar Tractor Repair	2982.38	2982.38	060389	
ESRI	E000050	01/03/18	93399276	01-14.B115	SS Software Maintenance	2400.00	2400.00	060390	
EXODUS TECHNOLOGY SERVICE	E000480	01/05/18	18-104	01-11.B115	Network Admin & Support	825.00	825.00	060391	
EYE MED VISION CARE	E000600	01/01/18	163365364	01-17.E455	Vision Insurance	413.81	413.81	060392	
FASTENAL COMPANY	F000060	12/18/17	ILWES56635	01-12.B505	Bar Screen Part	9.54			
		12/19/17	ILWES56656	01-12.B505	Bar Screen Part	2.00			
		12/28/17	ILWES56746	01-15.B116	LS Supplies	84.35	95.89	060393	
FEDEX KINKO'S	F000075	12/20/17	361300019896	01-13.B116	Lab Supplies	27.45			
		01/08/18	361300019924	01-13.B116	Lab Supplies	10.98	38.43	060394	
FEECE OIL CO.	F000085	12/19/17	3520309	01-15.B104	LS Generator Fuel	3336.79	3336.79	060395	
FIRST ADVANTAGE	F000130	12/31/17	2502551712	01-14.B117	Drug Screening	77.80	77.80	060396	
FIRST ENVIRONMENTAL LAB	F000140	01/08/18	138667	01-13.B123	Lab Sampling	31.50			
		01/08/18	138668	01-13.B123	Lab Sampling	31.50	63.00	100258	
FOX VALLEY FIRE & SAFETY CO.	F000280	12/23/17	139806	01-12.B113	Annual Inspection Sprnklr	135.00	135.00	100259	
FULLIFE LLC	F000440	01/09/18	38189	01-12.B117	WWTC Neon Outerwear	201.00			
		01/09/18	38189	01-14.B117	SS Neon Outerwear	111.00	312.00	060397	
GASVODA & ASSOCIATES INC.	G000200	12/18/17	1702565	01-15.B529	LS Seal Water Filters	322.00	322.00	060398	
GEE HEATING AND AIR	G000250	12/18/17	7374	01-12.B810	Dig 4&5 Cntl Bldg Repair	260.00			
		01/03/18	7390	01-12.B809	Belt Press Bldg Repair	325.00			
		01/04/18	7391	01-12.B804	Grit Bldg Repair	390.00			
		01/04/18	7391	01-12.B809	Belt Press Bldg Repair	780.00	1755.00	060399	
REVERE ELECTRIC	G000410	12/11/17	S3447812.001	01-12.B506	Prim 1-4 Parts	84.48			
		12/13/17	S3447812.002	01-12.B506	Prim 1-4 parts	372.13	456.61	060400	
W. W. GRAINGER, INC.	G000520	12/11/17	9640044260	01-15.B524	See Sheet	32.00			
		12/18/17	9646804048	01-14.B113	See Sheet	135.20			
		12/20/17	9649538767	01-12.B501	See Sheet	9.90			
		12/20/17	9649762573	01-12.B512	See Sheet	1014.08			
		12/22/17	9651728371	01-12.B512	See Sheet	126.76			
		12/22/17	9651728389	01-12.B812	See Sheet	207.58			
		12/26/17	9652838765	01-12.B502	See Sheet	45.00			
		12/27/17	9652887507	01-15.B828	See Sheet	79.94			
		12/27/17	9653728841	01-12.B510	See Sheet	70.83			
		12/28/17	9654122382	01-12.B510	See Sheet	70.83			
		12/28/17	9654375865	01-13.B116	See Sheet	26.78			
		12/28/17	9654764886	01-12.B116	See Sheet	51.07			
		12/29/17	9655134626	01-12.B116	See Sheet	18.33			
		01/03/18	9657414877	01-12.B812	See Sheet	408.38			
		01/04/18	9659118435	01-12.B803	See Sheet	1185.40			
		01/05/18	9659759469	01-12.B512	See Sheet	41.93			
		01/10/18	9663838051	01-15.B526	See Sheet	284.00			
		01/10/18	9663903210	01-12.B512	See Sheet	53.43			
		01/10/18	9664542686	01-12.B812	See Sheet	42.08			
		01/10/18	9664542694	01-12.B116	See Sheet	54.89			
		01/10/18	9664941995	01-12.B116	See Sheet	300.40			
		01/10/18	9665143732	01-12.B116	See Sheet	149.00	4407.81	100260	
HML, INC.	H000035	12/12/17	58452	01-13.B123	Lab Sampling	1000.00	1000.00	060401	
HACH COMPANY	H000040	01/10/18	10787195	01-13.B114	Lab Chemicals	441.62	441.62	060402	
HOME DEPOT	H000400	01/08/18	0015113	01-15.B528	See Sheet	13.04			

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
		12/19/17	0060829	01-12.B116	See Sheet	80.00			
		12/19/17	0060863	01-12.B116	See Sheet	78.84			
		12/29/17	0098943	01-12.B116	See Sheet	69.00			
		01/08/18	0562006	01-12.B116	See Sheet	19.97			
		12/28/17	1084597	01-12.B116	See Sheet	176.36			
		12/27/17	2021890	01-12.B116	See Sheet	23.70			
		01/05/18	3022614	01-12.B116	See Sheet	91.41			
		01/05/18	3099561	01-14.B116	See Sheet	6.44			
		01/04/18	4034931	01-12.B116	See Sheet	67.36			
		01/02/18	6085069	01-12.B113	See Sheet	20.97			
		01/10/18	8562061	01-13.B116	See Sheet	30.88	677.97	060403	
ILLINOIS SEC. AMERICAN WATER	I000360	12/28/17	200032877	01-12.B117	BS MR NW CP Seminar	240.00	240.00	060404	
IMPACT NETWORKING INC.	I000400	12/29/17	998863	01-11.B116	Toner for SS Printer	123.83	123.83	060405	
INFOSEND, INC.	I000415	09/29/17	126538	01-11.B121	Cust Bill Mail Fee - Sept	3804.90			
		12/29/17	130603	01-11.B121	Customer Bill Mailing Fee	3790.78	7595.68	100261	
JOHNSTONE SUPPLY	J000140	01/02/18	4021048	01-12.B809	Belt Press Part	35.00			
		01/04/18	4021198	01-12.B809	Belt Press HVAC Part	27.03	62.03	100262	
KANSAS CITY LIFE INSURANCE CO	K000045	01/11/18	14887	01-17.E455	Empl Life Insurance	386.98	386.98	100263	
KIPP'S LAWMOWER SALES	K000180	12/15/17	465829	01-12.B512	Pressure Washer Repair	666.70			
		12/15/17	465830	01-12.B116	MSB Supplies	11.66			
		01/02/18	466055	01-12.B512	Snow Blower Part	79.70			
		01/03/18	466074	01-12.B812	Snow Blower Repair	104.76	862.82	060406	
LOU'S GLOVES	L000300	12/21/17	021056	01-12.B113	Gloves	168.00	168.00	060407	
MBM SERVICES INC.	M000010	01/01/18	29902	01-11.B118	Cleaning Service	331.00	331.00	060408	
MICRO CENTER	M000550	12/22/17	4348487	01-12.B513	UPS Units Scada & PC's	220.96	220.96	060409	
MOTION INDUSTRIES, INC.	M000750	12/21/17	IL10-622439	01-12.B501	Auger Seals	13.99			
		12/22/17	IL10-622554	01-12.B501	Auger Hubs	22.50	36.49	100264	
3266-NCPERS - IL IMRF	N000010	12/21/17	32660118	01-00.2017	Voluntary Life Insurance	304.00	304.00	060410	
NAPA AUTO PARTS	N000040	12/14/17	4343-526327	01-12.B501	Spare Part for Augers	129.86			
		12/14/17	4343-526328	01-12.B501	Spare Parts for Augers	43.96			
		12/21/17	4343-527287	01-12.B501	Auger Hubs	61.49			
		01/04/18	4343-529155	01-12.B116	Diesel Fuel Conditioner	23.94			
		01/10/18	4343-530052	01-12.B116	Windshield Washer Fluid	32.28	291.53	060411	
NEUCO, INC.	N000260	01/03/18	2825039	01-12.B510	Heat Exchanger Part	346.50			
		01/03/18	2826578	01-12.B809	Belt Press Plymr HVAC Prt	137.06			
		01/04/18	2830349	01-12.B809	Belt Press Bldg HVAC Part	71.68			
		01/04/18	2830653	01-12.B804	Grit Bldg HVAC Part	249.88	805.12	060412	
NICOR GAS	N000330	12/20/17	2833584	01-12.B101	Walnut House Gas	170.46			
		12/20/17	3892638	01-11.B101	Admin Center Gas	165.11			
		12/20/17	4440979	01-12.B101	Plant Gas	206.75			
		12/20/17	4782107	01-12.B101	Plant 2 Gas - 2 Months	383.18	925.50	060413	
NORTH SHORE UNIFORM SERVICE INC	N000500	12/15/17	17-1437	01-12.B117	WWTC Empl Outerwear	70.30	70.30	060414	
VILLAGE OF OAK BROOK	O000050	12/21/17	17177	01-11.B121	Meter Readings	571.78	571.78	060415	
OFFICIAL PAYMENTS	O000300	11/30/17	3947345	01-11.B110	Billing ACH Pymt Fees	29.70	29.70	060416	
PACKEY WEBB FORD	P000020	12/15/17	C09178	01-14.C225	SS Truck Repair Ford E450	502.33	502.33	060417	
PATTEN INDUSTRIES, INC.	P000150	12/14/17	PM600269717	01-15.B529	Portable Gen200 PM	807.00			
		12/14/17	PM600269718	01-15.B529	Portable Gen 150 PM	807.00			
		12/14/17	PM600269719	01-12.B513	Emer Gen 2 PM	1778.00			
		12/14/17	PM600269720	01-12.B513	Emer Gen 3 PM	1778.00			
		12/14/17	PM600269721	01-12.B513	Emer Gen 1 PM	1778.00			
		12/14/17	PM600269722	01-15.B529	Portable Gen 350 PM	807.00			

===== VENDOR =====		===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
		12/18/17	PM600269792	01-15.B523	Earlston LS Generator PM	980.00		
		12/20/17	PM600269884	01-15.B525	Lib Park Generator PM	1104.00		
		12/20/17	PM600269885	01-15.B522	College LS Generator PM	1477.00		
		12/20/17	PM600269886	01-15.B526	NW LS Generator PM	1894.00		
		12/20/17	PM600269887	01-15.B520	Bfield LS Generator PM	1107.00		
		12/20/17	PM600269888	01-15.B521	Centex LS Generator PM	980.00		
		12/21/17	PM600269979	01-15.B527	Venard LS ATS & Load Bank	158.00		
		12/21/17	PM600269980	01-15.B528	Wroble LS ATS & Load Bank	158.00		
		12/26/17	PM600270020	01-15.B527	Venard LS Generator PM	2519.00		
		12/26/17	PM600270021	01-15.B528	Wroble LS Generator PM	2519.00	20651.00	100277
PETTY CASH	P000350	01/11/18	Cash Box	01-11.B117	Sups Lunch	48.76		
		01/11/18	Cash Box	01-11.B119	Postage Due	5.64		
		01/11/18	Cash Box	01-12.B117	CDL Reimburse MR	30.00		
		01/11/18	Cash Box	01-13.B116	Coffee Maker Lab	14.99		
		01/11/18	Cash Box	01-14.B116	Batteries for SS	16.72	116.11	060418
POLYDYNE INC.	P000395	12/27/17	1198715	01-12.B402	Belt Press Polymer	1962.00	1962.00	100265
RAINBOW ELECTRIC CO.	R000070	01/10/18	MRINV7952	01-12.B505	Bar Screen 2 Repair	3238.30	3238.30	060419
RANDALL INDUSTRIES	R000100	12/18/17	173308	01-12.B512	Club Car Repairs	402.96	402.96	060420
REGIONAL TRUCK EQUIPMENT CO.	R000166	01/02/18	208304	01-12.B512	Plow Truck Parts	43.26	43.26	060421
RED WING SHOE STORE	R000180	01/04/18	45-1-41955	01-13.B117	DRB Boots	161.49	161.49	100266
RICMAR INDUSTRIES, INC.	R000300	12/14/17	326909	01-12.B103	Odor Control	1025.00	1025.00	060422
RICOH	R000305	12/19/17	5051712104	01-11.B115	Copier	195.03	195.03	060423
ROADSAFE	R000360	11/24/17	RT105293	01-14.B910	Const Signs & Barricades	633.50		
		11/30/17	RT107000	01-14.B910	Road Signs	78.20	711.70	060424
SAF-T-GARD INTERNATIONAL	S000040	12/27/17	1707708-01	01-14.B113	SS Gloves	94.23	94.23	060425
SAFEDAY, INC.	S000045	12/18/17	13337	01-14.B113	Gas Det Device Calibrate	243.95	243.95	060426
SEAWAY SUPPLY CO.	S000200	12/19/17	130394	01-12.B113	MSB Gloves	76.00		
		12/19/17	130394	01-12.B116	MSB Supplies	353.87		
		01/05/18	130394-01	01-12.B116	MSB Supplies	90.76		
		12/19/17	130395	01-12.B113	MSB Gloves	79.50		
		01/05/18	130841	01-13.B116	Lab Supplies	29.00		
		01/08/18	130896	01-12.B116	MSB Supplies	178.25	807.38	100267
SEYFARTH SHAW	S000280	12/18/17	2925548	01-11.B124	Legal Fees	105.00	105.00	060427
SHERWIN-WILLIAMS CO.	S000320	12/19/17	5003-6	01-12.B116	Paint for Stock	66.44	66.44	100268
SITEONE LANDSCAPE SUPPLY	S000405	01/03/18	83979712	01-11.B118	Admin Snow Salt	99.66		
		01/03/18	83979712	01-12.B812	WWTC Snow Salt	298.99	398.65	060428
STANDARD ELECTRIC SUPPLY CO.	S000610	12/14/17	S2473247.001	01-15.B521	Centex LS Part	191.57	191.57	060429
STAPLES INC.	S000640	12/30/17	8048098716	01-11.B116	Admin Supplies	161.85	161.85	060430
STEPHENS PLUMBING AND	S000680	01/03/18	194166	01-14.B910	Sewer Repair	400.10	400.10	060431
SUBURBAN LABORATORIES, INC.	S000865	12/21/17	151141	01-13.B123	Lab Sampling	130.50	130.50	100269
TERRACE SUPPLY COMPANY	T000250	12/31/17	00983480	01-12.B116	Cylinder Rental	49.60		
		10/03/17	19091	01-12.B513	Credit On Acct	44.73-	4.87	100270
USABLUEBOOK	U000150	12/18/17	445380	01-12.B506	Skimmer Rake	121.45		
		12/21/17	448898	01-13.B116	Lab Supplies	677.64		
		12/22/17	449354	01-12.B506	Skimmer Rake	82.58	881.67	060432
UNO CONSTRUCTION CO., INC.	U000450	12/30/17	Payment 6	01-14.B910	BSSRAP	39777.00	39777.00	100278
VERIZON WIRELESS	V000135	01/01/18	542042956-01	01-12.B112	WWTC Tablet Service	40.08		
		01/01/18	542042956-01	01-14.B112	SS Tablet Service	187.25		
		01/01/18	542042956-01	01-15.B112	LS Tablet Service	10.02		
		12/28/17	785846626-01	01-11.B112	Admin Cell Service	164.62		
		12/28/17	785846626-01	01-12.B112	WWTC Cell Service	968.11		

===== VENDOR =====		===== INVOICE =====							
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
		12/28/17	785846626-01	01-14.B112	SS Cell Service	482.38			
		12/28/17	785846626-01	01-15.B112	LS Cell Service	302.77	2155.23	060433	
WAGNER COMMUNICATIONS, INC	W000070	01/01/18	1801000432	01-11.B112	Answer Service Fees	254.83	254.83	100271	
WESTFAX	W000350	12/31/17	1311573	01-11.B112	EFax Service	8.99	8.99	100272	
WEST SIDE TRACTOR SALES CO.	W000380	12/29/17	N61175	01-12.B501	John Deere 544K Parts	299.35			
		12/15/17	V90282	01-12.B501	John Deere Loader Repair	450.43	749.78	060434	
VILLAGE OF WESTMONT	W000450	01/04/18	714527	01-11.B121	Meter Readings	370.01	370.01	060435	
WIEDEL, PHILIPP & INDELICATO	W000551	01/02/18	381	01-11.B124	Legal Services	420.00	420.00	060436	
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						419281.21	419281.21		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
CHASE	B000050	12/19/17	SPR 12-15-17	01-00.2000	Fed Tax	3340.12		
		12/19/17	SPR 12-15-17	01-00.2002	Empl Soc Sec Tax	1889.76		
		12/19/17	SPR 12-15-17	01-17.E461	Emplr Soc Sec Tax	1889.76	7119.64	100230
CHASE	B000050	12/26/17	PR 12-16-17	01-00.2000	Fed Tax	9894.82		
		12/26/17	PR 12-16-17	01-00.2002	Empl Soc Sec Tax	5488.02		
		12/26/17	PR 12-16-17	01-17.E461	Emplr Soc Sec Tax	5488.01	20870.85	100235
CHASE	B000050	01/04/18	SPR 12-31-17	01-00.2000	Fed Tax	3367.64		
		01/04/18	SPR 12-31-17	01-00.2002	Empl Soc Sec Tax	2315.71		
		01/04/18	SPR 12-31-17	01-17.E461	Emplr Soc Sec Tax	2315.71	7999.06	100241
CHASE	B000050	01/08/18	PR 12-30-17	01-00.2000	Fed Tax	10583.75		
		01/08/18	PR 12-30-17	01-00.2002	Empl Soc Sec Tax	5732.89		
		01/08/18	PR 12-30-17	01-17.E461	Emplr Soc Sec Tax	5732.92	22049.56	100249
DUPAGE CREDIT UNION	D000650	12/19/17	SPR 12-15-17	01-00.2013	Empl Authorized W/Holding	750.00	750.00	100233
DUPAGE CREDIT UNION	D000650	12/22/17	PR 12-16-17	01-00.2013	Empl Authorized W/Holding	1621.31	1621.31	100237
DUPAGE CREDIT UNION	D000650	01/03/18	SPR 12-31-17	01-00.2013	Empl Authorized W/Holding	750.00	750.00	100243
DUPAGE CREDIT UNION	D000650	01/05/18	PR 12-30-17	01-00.2013	Empl Authorized W/Holding	1621.31	1621.31	100251
HAINES & COMPANY, INC.	H000050	12/22/17	27-01172	01-11.B116	Haines Directory CD Rom	703.00	703.00	060366
HEALTH CARE SERVICE CORP.	H000190	12/26/17	165585	01-17.E455	Health Insurance	36856.89	36856.89	100240
ILLINOIS DEPARTMENT OF REVENUE	I000240	12/20/17	SPR 12-15-17	01-00.2001	State Tax	1309.72	1309.72	100234
ILLINOIS DEPARTMENT OF REVENUE	I000240	12/26/17	PR 12-16-17	01-00.2001	State Tax	3384.75	3384.75	100236
ILLINOIS DEPARTMENT OF REVENUE	I000240	01/04/18	SPR 12-31-17	01-00.2001	State Tax	1309.79	1309.79	100242
ILLINOIS DEPARTMENT OF REVENUE	I000240	01/08/18	PR 12-30-17	01-00.2001	State Tax	3546.04	3546.04	100250
ILLINOIS MUNICIPAL	I000300	01/08/18	Pension	01-00.2003	Empl Pension Deposit	9237.18		
		01/08/18	Pension	01-00.2014	Empl Vol Pension Deposit	5617.77		
		01/08/18	Pension	01-17.E460	Emplr Pension Deposit	24160.21	39015.16	100248
INVOICE CLOUD	I000750	01/07/18	607-2017-12	01-11.B121	Service Fees	227.40	227.40	100247
MC2 ENERGY SERVICES	M000320	01/04/18	Various	01-15.B100	LS Electric	4156.26	4156.26	060368
MC2 ENERGY SERVICES	M000320	01/09/18	0562080004	01-15.B100	Venard LS Elec	325.09	325.09	100254
STATE DISBURSEMENT UNIT	S000650	12/22/17	PR 12-16-17	01-00.2012	Wage Deduction	627.23	627.23	060365
STATE DISBURSEMENT UNIT	S000650	01/05/18	PR 12-30-17	01-00.2012	Wage Deduction	627.23	627.23	060367
TIVOLI BOWL	T000330	12/20/17	Empl Outing	01-11.B117	Empl Outing Deposit	175.00	175.00	060364
TRANSAMERICA RETIREMENT SOLUTION	T000415	12/19/17	SPR 12-15-17	01-00.2026	Def Comp	1151.53	1151.53	100231
TRANSAMERICA RETIREMENT SOLUTION	T000415	12/22/17	PR 12-16-17	01-00.2026	Def Comp	205.67		
		12/22/17	PR 12-16-17	01-00.2027	Roth Contribution	123.40	329.07	100239
TRANSAMERICA RETIREMENT SOLUTION	T000415	01/03/18	SPR 12-31-17	01-00.2026	Deferred Comp	1151.29	1151.29	100245
TRANSAMERICA RETIREMENT SOLUTION	T000415	01/05/18	PR 12-30-17	01-00.2026	Def Comp	196.50		
		01/05/18	PR 12-30-17	01-00.2027	Def Comp - Roth	117.90	314.40	100252
U.S. POSTAL SERVICE	U000130	12/27/17	Refill	01-11.B119	Postage Meter Refill	1000.00	1000.00	100246
VANTAGEPOINT TRANSFER AGENTS-45V	000120	12/19/17	SPR 12-15-17	01-00.2020	Def Comp	300.00	300.00	100232
VANTAGEPOINT TRANSFER AGENTS-45V	000120	12/22/17	PR 12-16-17	01-00.2020	Def Comp	164.54	164.54	100238
VANTAGEPOINT TRANSFER AGENTS-45V	000120	01/03/18	SPR 12-31-17	01-00.2020	Deferred Comp	300.00	300.00	100244
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						159756.12	159756.12	

===== VENDOR =====			===== INVOICE =====						
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO	
BAXTER & WOODMAN, INC.	B000120	12/14/17	0196580	02-36.0504	Lib Pk LS Replace Proj	1174.61	1174.61	100273	
						=====	=====		
						1174.61	1174.61		

===== VENDOR =====			===== INVOICE =====					
NAME	NUMBER	DATE	NUMBER	G/L NUMBER	EXPENSE DESCRIPTION	EXPENSE	CHECK AMT	CHECK NO
BAXTER & WOODMAN, INC.	B000120	12/14/17	0196581	03-37.0504	Grease Rec Stn 2 Project	1887.25	1887.25	100274
BOLLER CONSTRUCTION CO., INC.	B000280	01/09/18	5	03-37.0506	Grease Rec Stn 2 Project	85596.00	85596.00	060438
FERGUSON ENTERPRISES #1550	F000090	01/04/18	4277534	03-37.0506	Grease Rec Stn 2 Project	26.34	26.34	100275
W. W. GRAINGER, INC.	G000520	12/15/17	9644843618	03-37.0506	Grease Rec Stn 2 Project	19.46		
		12/18/17	9647576884	03-37.0506	Grease Rec Stn 2 Project	95.06		
		01/03/18	9657414869	03-37.0506	Grease Rec Stn 2 Project	48.75	163.27	100276
MAGNETROL INTERNATIONAL INC.	M000101	12/13/17	0843550	03-37.0506	Grease Rec Stn 2 Project	825.52	825.52	060437
						=====	=====	
						88498.38	88498.38	

DATE \_\_\_\_\_

REVIEWED \_\_\_\_\_

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

PRESIDENT

CLERK

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		579037.33-
01-00.1001	CASH - PAYROLL ACCOUNT	129941.62	
01-00.2000	FEDERAL TAX WITHHELD	27186.33	
01-00.2001	STATE TAX WITHHELD	9550.30	
01-00.2002	SOCIAL SECURITY WITHHELD	15426.38	
01-00.2003	IMRF WITHHELD	9237.18	
01-00.2012	WAGE DEDUCTION ORDER	1254.46	
01-00.2013	CREDIT UNION WITHHELD	4742.62	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	5617.77	
01-00.2017	VOLUNTARY GROUP LIFE	304.00	
01-00.2020	DEFERRED COMPENSATION WITHHELD	764.54	
01-00.2026	DEFERRED COMPENSATION WITHHELD - IPPFA	2704.99	
01-00.2027	DEFERRED COMPENSATION WITHHELD - IPPFA ROTH	241.30	
01-05.3001	USER RECEIPTS	2413.48	
01-11.B100	ELECTRICITY	418.76	
01-11.B101	NATURAL GAS	165.11	
01-11.B102	WATER, GARBAGE AND OTHER UTILITIES	18.89	
01-11.B110	BANK CHARGES	29.70	
01-11.B112	COMMUNICATION	1035.75	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	3672.53	
01-11.B116	SUPPLIES	997.93	
01-11.B117	EMPLOYEE/DUTY COSTS	708.76	
01-11.B118	BUILDING AND GROUNDS	430.66	
01-11.B119	POSTAGE	1005.64	
01-11.B121	USER BILLING MATERIALS	9235.48	
01-11.B124	CONTRACT SERVICES	2386.00	
01-12.B100	ELECTRICITY	2494.63	
01-12.B101	NATURAL GAS	760.39	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	3248.55	
01-12.B103	ODOR CONTROL	1025.00	
01-12.B112	COMMUNICATION	1329.95	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	690.59	
01-12.B116	SUPPLIES	2219.63	
01-12.B117	EMPLOYEE/DUTY COSTS	727.24	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	1962.00	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	1031.48	
01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	1255.00	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	3249.84	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	660.64	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	488.16	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	3897.38	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	5860.23	
01-12.B803	BLDG AND GROUNDS - EXCESS FLOW	1185.40	
01-12.B804	BLDG AND GROUNDS - GRIT REMOVAL	639.88	
01-12.B809	BLDG AND GROUNDS - SLUDGE DEWATERING	1375.77	
01-12.B810	BLDG AND GROUNDS - SLUDGE DIGESTION	260.00	
01-12.B812	BLDG AND GROUNDS - WWTC GENERAL	1061.79	
01-13.B114	CHEMICALS	441.62	
01-13.B116	SUPPLIES	817.72	
01-13.B117	EMPLOYEE/DUTY COSTS	161.49	
01-13.B123	OUTSIDE LAB SERVICES	1193.50	

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-14.B112	COMMUNICATION	681.62	
01-14.B113	EMERGENCY/SAFETY EQUIPMENT	473.38	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	5382.38	
01-14.B116	SUPPLIES	23.16	
01-14.B117	EMPLOYEE/DUTY COSTS	231.76	
01-14.B124	CONTRACT SERVICES	472.04	
01-14.B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	30.00	
01-14.B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	212.00	
01-14.B903	SEWER SYSTEM REPAIRS - REHABILITATION	157229.10	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	41437.80	
01-14.C225	OPERATION/REPAIR	759.59	
01-15.B100	ELECTRICITY	4691.23	
01-15.B104	FUEL - GENERATORS	3336.79	
01-15.B112	COMMUNICATION	364.98	
01-15.B116	SUPPLIES	84.35	
01-15.B520	EQPT/EQPT REPAIR - BUTTERFIELD	1107.00	
01-15.B521	EQPT/EQPT REPAIR - CENTEX	1171.57	
01-15.B522	EQPT/EQPT REPAIR - COLLEGE	1477.00	
01-15.B523	EQPT/EQPT REPAIR - EARLSTON	980.00	
01-15.B524	EQPT/EQPT REPAIR - HOBSON	32.00	
01-15.B525	EQPT/EQPT REPAIR - LIBERTY PARK	1104.00	
01-15.B526	EQPT/EQPT REPAIR - NORTHWEST	2178.00	
01-15.B527	EQPT/EQPT REPAIR - VENARD	2677.00	
01-15.B528	EQPT/EQPT REPAIR - WROBLE	2690.04	
01-15.B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL	2796.99	
01-15.B828	BLDG AND GROUNDS - WROBLE	79.94	
01-17.E452	LIABILITY/PROPERTY	20.00	
01-17.E455	EMPLOYEE GROUP HEALTH	40198.94	
01-17.E460	IMRF	24160.21	
01-17.E461	SOCIAL SECURITY	15426.40	
02-00.1000	CASH		1174.61-
02-36.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	1174.61	
03-00.1000	CASH		88498.38-
03-37.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVISN	1887.25	
03-37.0506	CONSTRUCTION CONTRACTS AND PURCHASES	86611.13	
		=====	
		668710.32	668710.32-

Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	Item Description
Grainger	12/11/17	\$32.00	01-15.B524	EQUIP/EQUIP REPAIR - HOBSON	Delivered	BS		Hobson LS	(2) Snubber Hose
Grainger	12/18/17	\$135.20	01-14.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	AH		Sewer System Tyvek Suits	Hooded Coverall, Elastic, White 25 Pack
Grainger	12/20/17	\$9.90	01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	Delivered	FF		G-30 Augers	Cap Screws for Augers
Grainger	12/19/17	\$1,014.08	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	FF		MSB Parts Cage Organizing	(8) 5 Drawer Heavy Duty Parts Tray Cabinets
Grainger	12/21/17	\$126.76	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	In-Store	FF		MSB Parts Cage Organizing	5 Drawer Heavy Duty Parts Tray Cabinet
Grainger	12/22/17	\$207.58	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	Delivered	RS		WWTC Main Gate - Auto Exit Sensor	Photo Electric Sensor
Grainger	12/26/17	\$45.00	01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	Delivered	MR		Hypo Feed Pump 2	(5) 10 Amp Fast Blow fuses
Grainger	12/27/17	\$79.94	01-15.B828	BUILDING/GROUNDS - WROBLE	Delivered	CP		Wroble Lift Station Entry Alarm	Spring Wound Timers
Grainger	12/27/17	\$70.83	01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	In-Store	CP		Digester 4 Pearth	V-Belts
Grainger	12/28/17	\$70.83	01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	Delivered	CP		Digester 4 Pearth	V-Belts (Spares for Stock)
Grainger	12/28/17	\$26.78	01-13.B116	LAB SUPPLIES	In-Store	DRB	circle K	Lab Supplies	3M protective masks
Grainger	12/28/17	\$51.07	01-12.B116	WWTC SUPPLIES	Delivered	CP		Supplies	(500) Re-closable Parts Storage Bags
Grainger	12/29/17	\$18.33	01-12.B116	WWTC SUPPLIES	Delivered	JPB		Supplies	(3) 24 pk AA Batteries
Grainger	01/03/18	\$408.38	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	CP		MSB Men's Washroom Urinal	Auto-flush Valve Assembly
Grainger	01/04/18	\$1,185.40	01-12.B803	BLDG & GROUNDS - EXCESS FLOW	Delivered	JPB		Excess Flow Sludge Pumping Station HVAC	(2) 5kW Electric Unit Heaters & Thermostats
Grainger	01/05/18	\$41.93	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	RS		Electrical Supplies	65 ft Fish Tape
Grainger	01/10/18	\$284.00	01-15.B526	EQUIP/EQUIP REPAIR - NORTHWEST	Delivered	AC		Northwest LS	(10) Gallons of Seal & Bearing Oil
Grainger	01/04/18	\$53.43	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JPB		Maintenance Repair Supplies	Hardware for Stock
Grainger	01/10/18	\$42.08	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	JPB		WWTC Main Gate - Access Keypad	3 Gang Weatherproof Junction Box
Grainger	01/10/18	\$54.89	01-12.B116	WWTC SUPPLIES	In-Store	FF		Hose Adapter	Wash down hose adapter for hydrant
Grainger	01/10/18	\$300.40	01-12.B116	WWTC SUPPLIES	Delivered	FF		Pearth 4	Oil for Pearth 4
Grainger	01/10/18	\$149.00	01-12.B116	WWTC SUPPLIES	Delivered	MM		Supplies	Cordless drill for Bio/Ops
Home Depot	01/08/18	\$13.04	01-15.B528	EQUIP/EQUIP REPAIR - WROBLE	In-Store	RS		Wroble ATS Cabinet	Damp Rid & Weather Stripping
Home Depot	12/19/17	\$80.00	01-12.B116	WWTC SUPPLIES	In-Store	FF		Supplies	Storage Totes
Home Depot	12/19/17	\$78.84	01-12.B116	WWTC SUPPLIES	In-Store	FF		Supplies	Toilet Seats & Storage Totes
Home Depot	12/29/17	\$69.00	01-12.B116	WWTC SUPPLIES	In-Store	CP		Supplies	2 Burner Gas Grill for MSB
Home Depot	01/08/17	\$19.97	01-12.B116	WWTC SUPPLIES	In-Store	AC		Supplies	Propane Tank Exchange
Home Depot	12/28/17	\$176.36	01-12.B116	WWTC SUPPLIES	In-Store	FF		MSB Parts Cage Organizing	Storage Totes & 3 Step Ladder
Home Depot	12/27/17	\$23.70	01-12.B116	WWTC SUPPLIES	In-Store	CP		Cleaning Supplies	Lysol Cleaner

**Date:** 1/11/2018  
**Due Date:** 1/16/2018  
**Invoice #:** Reimburse

**Petty Cash Checking Reimbursement**

**D-440**

<b>Date</b>	<b>Purchased From</b>	<b>Description</b>	<b>Code</b>	<b>Amount</b>	<b>Ck No.</b>
01/02/18	Dupage County Clerk	Record Notary Sigs MW & MJP	17.E452	20.00	3494
01/08/18	IAWA	NJM & WCC Tech Meeting Reg	11.B117	100.00	3495
01/09/18	Online Labels	Door Hanger Card Stock	11.B121	23.90	3496

**Total Receipts/Reimbursement** 143.90

**Expense by code**

11.B117	100.00
11.B121	23.90
17.E452	20.00
	<u>143.90</u>

Date: 1/11/18  
Due Date: 01/16/18  
Invoice #: Cash Box

Petty Cash Reimbursement

P - 350

Date	Purchased From	Reimbursed To	Description	Code	Amount
12/18/2017	USPS		Postage Due	11.B119	2.32
12/18/2017	USPS		Postage Due	11.B119	3.32
12/19/2017	IL Sec of State	Marco Rendon	CDL License Renewal	12.B117	30.00
12/20/2017	7-Eleven	Dwayne Carpenter	Batteries	14.B116	10.79
12/21/2017	Portillo's		Sups Lunch	11.B117	48.76
12/27/2017	Target	Reese Berry	Coffee Maker for Lab	13.B116	14.99
1/10/2018	Walgreens		Batteries for Remote for TV Truck	14.B116	5.93

**Total Receipts** 116.11

**Expense by code**

11.B117	48.76
11.B119	5.64
12.B117	30.00
13.B116	14.99
14.B116	16.72
<b>Total</b>	<u>116.11</u>

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

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

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

**General Manager**  
Nicholas J. Menninga

**Legal Counsel**  
Michael G. Philipp

*Providing a Better Environment for South Central DuPage County*

**MEMO**

To: Board of Trustees  
From: Nick Menninga, General Manager  
Date: January 10, 2018  
Subject: Change Order No. 1 for Grease Receiving Station No. 2 Contract

There have two changes that were needed to complete the subject project. Change Order No. 1 attached is intended to establish approval of these changes.

Detailed documentation of these work items is attached. Each item was executed on a time-and-materials basis by the contractor under our supervision. This work has been completed and the costs have been finalized between staff, the engineer, and the contractor.

The items include:

- Temporary power feed to the digester 4 and 5 control building not included in the contract price, due to un-anticipated location of the original building power feed; and
- re-design of the approach pavement during construction, identified as necessary by operations staff just prior to pouring the concrete pavement.

This change order represents 11.6% of the original bid price.

At the January 16 regular meeting, I will be seeking approval of Change Order No. 1 (Final) to the Grease Receiving Station No. 2 contract increasing the contract amount by \$52,107.45, and for permission for the General Manager to sign the same on behalf of the District.

C: BOLI, WCC, MCW

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

**PROJECT:** WWTC – Grease Receiving Station No. 2

**DATE OF ISSUANCE:** January 9, 2018

**OWNER:** Downers Grove Sanitary District

**ENGINEER:** Baxter & Woodman, Inc.

**CONTRACTOR:** Boller Construction Company, Inc.

**ENGINEER's Project No.** 170270.60

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

**Description:** Change Order for additional work items, including temporary electrical service relocation, and concrete driveway revisions.

**Purpose of Change Order:** Revisions to final contract price.

**Attachments:** Itemized breakdown for each respective work item.

**CHANGE IN CONTRACT PRICE:**

Original Contract Price: \$449,400.00

Previous Change Orders: 0  
No. \_\_\_\_\_ to No. \_\_\_\_\_

Current Contract Price: \$449,400.00

Net increase of this Change Order: 52,107.45

Contract Price with this Change Order: \$501,507.45

**CHANGE IN CONTRACT TIME:**

Original Contract Time:  
Substantial Completion: December 21, 2017  
Completion: January 20, 2018

Change from previous Change Orders: 0

Current Contract Time:  
Substantial Completion: December 21, 2017  
Completion: January 20, 2018

Net increase of this Change Order: 0

Contract Time with this Change Order:  
Substantial Completion: December 20, 2017  
Completion: January 20, 2018

***NOTE: USE ANYTIME THE CHANGE ORDER EXCEEDS \$10,000 ± OR 30 DAYS EXTENSION.***

Pursuant to 720 ILCS 5/33E-9, (1) the circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the contract was signed, (2) the change is germane to the original contract as signed, and (3) the change order is in the best interest of the Downers Grove Sanitary District of Du Page County, Illinois.

**PREPARED BY:**

BAXTER & WOODMAN, INC.

**APPROVED:**

DOWNERS GROVE SANITARY  
DISTRICT

**ACCEPTED:**

BOLLER CONSTRUCTION COMPANY, INC.

By \_\_\_\_\_  
Raymond N. Koenig  
Infrastructure Department  
Manager

By \_\_\_\_\_  
Nicholas J. Menninga, P.E.  
General Manager

By \_\_\_\_\_  
Steven Dalbec  
Vice President

**RECOMMENDED BY:**

By \_\_\_\_\_  
Derek J. Wold, P.E.  
Client Manager





# CHANGE REQUEST

TO: Baxter & Woodman / DGSD.

RE: Grease Receiving Station #2  
Regrade driveway/ Add curb & catch basin

Job#: 17284

Description of Work: **install temp elec. / dig trench/ install new electrical service / concrete encase / backfill.**

Cost Code with Type (A, S, M, L, E)	Subcontractor /Boller	Description	Amount
	Boller	Concrete work / Supervision	\$1170
	Homestead	Electrical work	\$17938
	Abbott	Grading and excavation	\$2260

<b>SUBTOTAL:</b>	
GC work	
15% Overhead & Profit =	\$175.50
Sub -work	
5% Overhead & Profit =	\$1009.90
1% Additional Bond =	\$225.53
<b>TOTAL:</b>	<b>\$ 22778.93</b>





3139158

Ozinga Ready Mix Concrete, Inc.
19001 Old LaGrange Rd, Mokena, IL 60448
P: 708.326.4200 F: 708.326.4201

INDIANA

219-949-9812

ILLINOIS SOUTH
ILLINOIS NORTH
WISCONSIN
CHICAGO

708-479-9050
847-783-6500
414-476-5310
312-432-5700

Ozinga has expanded to serve you better! Contact our Dispatch Centers above for help with all your concrete needs. For Illinois South, call (708) 479-9050.

Table with 7 columns: 10-1 LOAD, 10-2 LEAVE PLANT, 10-3 ARRIVE JOBSITE, 10-5 START DISCHARGE, 10-6 FINISH DISCHARGE, 10-9 LEAVE JOBSITE, 10-10 ARRIVE PLANT. Each column has AM and PM sub-columns.

TRUCK # 1698 DRIVER TIPPETT, NICK WAITING TIME \$2.50 PER MINUTE

PLANT # 220 TICKET # 347888 ORDER # 169604 MIX DESCRIPTION 5.5 BG WRHR WR FA FULL AE LOAD SIZE 4.00 SLUMP 4.00 DATE 9/19/2017

CUSTOMER # 16572 CUSTOMER NAME BOLLER CONSTRUCTION CO. P.O. # JOB # 000119

DELIVERY ADDRESS 5003 WALNUT, SANITARY GREASE STATION 2 CITY DOWNERS GROVE

INSTRUCTIONS 5003 WALNUT, SANITARY GREASE STATION 2 355 N, EXIT MAPLE, WALNUT N USE OUTSIDE FLAT LOT PRODUCER/SUPPLIER NO. 1494-20 / FLY ASH 51973-18

Table with 8 columns: LOAD QUANTITY, CUMULATIVE QUANTITY, ORDERED QUANTITY, PRODUCT CODE, PRODUCT DESCRIPTION, UNIT OF MEASURE, UNIT PRICE, AMOUNT. Includes rows for 5.5 BG WRHR WR FA FULL AE, ENVIRONMENTAL CHARGE, and MINIMUM ORDER.

DRIVER NOTES: Extra work T&M ticket # 2515. Summary table with SUB-TOTAL, TAX, TICKET TOTAL, GRAND TOTAL.

Water added on jobsite at customer's request \_\_\_\_\_ Gal

NOTICE: The undersigned acknowledges receipt of material in good condition and authorizes water and color to be added to the load at jobsite as indicated (see warning). We cannot guarantee color or air content of hardened concrete. Customer assumes responsibility for a suitable roadway for our trucks from public highway to place of delivery of material. We assume no responsibility for damage incurred by our trucks when asked to drive off public highway. The undersigned agrees to pay finance charges of 1 1/2% per month (18% per annum) on all past due amounts. In the event of any proceedings to collect any amounts due from the undersigned to Ozinga, the undersigned agrees to pay all costs and expenses of every kind for collection, including attorney's fees.

CAUTION: CONCRETE BURNS! READ THIS WARNING BEFORE USING

CONTACT WITH WET (UNHARDENED) CONCRETE, MORTAR, CEMENT, OR CEMENT MIXTURES CAN CAUSE SKIN IRRITATION, SEVERE CHEMICAL BURNS OR SERIOUS EYE DAMAGE. Wear waterproof gloves, a long-sleeved shirt, full-length trousers, and proper eye protection when working with these materials. If you have to stand in wet concrete, use waterproof boots that are high enough to keep concrete from flowing into them. Wash wet concrete, mortar, cement, or cement mixtures from your skin immediately after contact. Indirect contact through clothing can be as serious as direct contact, so promptly rinse out wet concrete, mortar, cement, or cement mixtures from clothing. Seek immediate medical attention if you have persistent or severe discomfort. In case of eye contact, flush with plenty of water for at least 15 minutes. Consult a physician immediately. KEEP OUT OF REACH OF CHILDREN. USER AGREES TO CONVEY THIS WARNING TO ALL PERSONS WHO MAY PURCHASE. USE OR COME IN CONTACT WITH WET (UNHARDENED) CONCRETE, MORTAR, CEMENT, OR CEMENT MIXTURES.

Customer: \_\_\_\_\_ By: \_\_\_\_\_ (Signature) \_\_\_\_\_ (Print Name)

R. A. Abbott Excavating, Inc.

11N198 Russell Road

Elgin, IL 60124

# Invoice

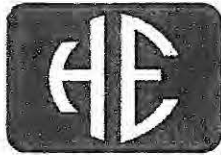
Date	Invoice #
9/25/2017	986

Bill To
Boller Construction 3045 Washington St. Waukegan, IL 60085-4843

Project
Job # 17-284, Downers Grove

Quantity	Description	Rate	Amount
	Extra to contract: excavating for electrician and backfilling under electric and gas lines		
5	hours - operator and machine	185.00	925.00
3	loads - CA-7	445.00	1,335.00

<b>Total</b>			\$2,260.00
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**HOMESTEAD**  
Electrical Contracting, LLC

September 07, 2017

Boller Construction Company  
3045 W. Washington Street  
Waukegan, IL 60045

**Attn: Reed Scheppmann**

**Re: Downers Grove Sanitary District  
5003 N. Walnut  
Downers Grove, IL 60515  
Request for Change Order #1**

**Dear Reed**

Please accept this change order request for work completed in addition to our proposal for the above referenced project. The additional work completed is as described below:

Billing for the labor and material required to furnish and install temporary electrical feed to the digester #4 & #5 control building to allow for the excavation of the new grease receiving station 08/15/2017.

**ADD.....\$ 2,226.00**

**TOTAL AMOUNT OF THIS REQUEST CHANGE ORDER #1..... \$ 2,226.00**

We hope the above meets with your approval. Please do not hesitate to contact me with any questions.

Very Truly Yours,

**HOMESTEAD ELECTRICAL CONTRACTING, LLC.**

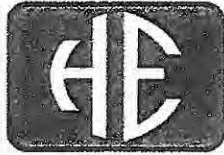
Lisa A. Thielsen, Vice President



27839 West Concrete Drive, Suite A, Ingleside, Illinois 60041  
Phone: 815-363-1222 Fax:815-363-1226  
[www.HomesteadElectric.com](http://www.HomesteadElectric.com)







**HOMESTEAD**  
Electrical Contracting, LLC

October 17, 2017

Boller Construction Company  
3045 W. Washington Street  
Waukegan, IL 60045

**Attn: Reed Scheppmann**

**Re: Downers Grove Sanitary District  
5003 N. Walnut  
Downers Grove, IL 60515  
Request for Change Order #2**

**Dear Reed**

Please accept this change order request for work completed in addition to our proposal for the above referenced project. The additional work completed is as described below:

Billing for the labor and material required to furnish and install new conduit required for the re-feed of the digester control building. Furnish and install a spare 2" conduit per Jeff Barta 09/19/2017. **ADD.....\$ 4,318.00**

**TOTAL AMOUNT OF THIS REQUEST CHANGE ORDER #2..... \$ 4,318.00**

We hope the above meets with your approval. Please do not hesitate to contact me with any questions.

Very Truly Yours,

**HOMESTEAD ELECTRICAL CONTRACTING, LLC.**

Lisa A. Thielsen, Vice President



27839 West Concrete Drive, Suite A, Ingleside, Illinois 60041  
Phone: 815-363-1222 Fax:815-363-1226  
[www.HomesteadElectric.com](http://www.HomesteadElectric.com)







December 1, 2017  
TO: Boller Construction Company  
RE: DGSD Grease Receiving Station #2  
RCO #3

Dear Sir,  
Please accept this change order for work completed in addition to our proposal for the above referenced project. The additional work completed is as described below

**SCOPE**

- Furnish and install new junction boxes, cable, and splices required for the re-feed of the digester control building

**TOTAL: \$11,394.00**

*This proposal is valid for 30 days and based upon a scope review, along with both party's mutually agreeing to the contact terms*

Thank you,

A handwritten signature in black ink, appearing to read 'Ben Dolan', is written over a horizontal line.

Ben Dolan  
HEC LLC



27839 West Concrete Drive, Suite A, Ingleside, Illinois 60041

Phone: 815-363-1222 Fax: 815-363-1226

[www.homesteadelectric.com](http://www.homesteadelectric.com)







**Homestead Electrical Contracting LLC Material List Downers Grove Grease Receiving Station  
11/27/17**

COST CODE	ITEM NAME	QUANTITY	PRICE	U	EXT PRICE
<b>CCode: Pull/Junction Boxes</b>					<u>\$375.00</u>
100,354	20X16X8 N12	1.00	\$375.00	E	\$375.00
<b>CCode: Feeder Rough</b>					<u>\$1,480.70</u>
1,994	3 GRC	10.00	\$944.32	C	\$94.43
3,703	4" X 6" NIPPLE GRC	1.00	\$1,466.85	C	\$14.67
3,730	4 GRC LB BODY	1.00	\$198.05	E	\$198.05
4,010	3 1/2 - 4 GRC FLAT COVER	1.00	\$24.25	E	\$24.25
4,019	3 1/2 - 4 GRC GASKET	1.00	\$0.00	E	\$0.00
4,499	3 LOCKNUT	2.00	\$361.37	C	\$7.23
4,501	4 LOCKNUT	8.00	\$768.27	C	\$61.46
4,630	4 BUSH INSUL MAL GRNDG	1.00	\$2,731.30	C	\$27.31
5,210	3 GRC CHNL STRAP	1.25	\$309.08	C	\$3.86
7,576	3-IN MALL CLAMPBACK	1.00	\$17.44	E	\$17.44
26,327	24"X24"X8" DEEP J-BOX 4X SS J-BOX	1.00	\$1,032.00	E	\$1,032.00
<b>CCode: Lugs/Termination/Ground</b>					<u>\$166.19</u>
100,351	3M 8428-12 450-800 COLD SHRINK	3.00	\$43.85	E	\$131.55
100,352	BUR KA25U ALCU 1H TERM SPLICE	2.00	\$1.75	E	\$3.50
100,353	BUR YS34 MCM BUTT SPLICE	3.00	\$10.38	E	\$31.14
<b>CCode: Feeder Wire</b>					<u>\$3,700.90</u>
42	6 XHHW CU STRANDED	155.00	\$875.00	M	\$135.63
55	500 XHHW CU STRANDED	465.00	\$7,667.25	M	\$3,565.27
					<b>\$5,722.79</b>



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 Phone: 815-363-1222 Fax: 815-363-1226  
[www.homesteadelectric.com](http://www.homesteadelectric.com)





# CHANGE REQUEST

## REVISED

TO: Baxter & Woodman / DGSD.

RE: Grease Receiving Station #2  
Regrade driveway/ Add curb & catch basin

Job#: 17284

Description of Work: **Regrade driveway base / install catch basin and piping / form and pour curb and step / add fiber reinforced concrete to driveway / cut and caulk driveway joints.**

Cost Code with Type (A, S, M, L, E)	Subcontractor /Boller	Description	Amount
	Boller	Concrete work	\$14157.64
	Dahme	Catch basin & piping	\$4149.56
	Abbott	Regrade and curb excavation	\$8000

**SUBTOTAL:** \_\_\_\_\_  
 GC work  
 15% Overhead & Profit = \$2123.46  
  
 Sub -work  
 5% Overhead & Profit = \$607.48  
  
 1% Additional Bond = \$290.38  
  
**TOTAL:     \$ 29328.52** \_\_\_\_\_





BOLLER CONSTRUCTION

Nº 0514

TIME AND MATERIAL WORK TICKET

JOB NO.	17-284	CUSTOMER NAME	DGSD
JOB NAME	Dunn's Grease Grease Tank	CUSTOMER PO/REFERENCE NO.	
WORK DESCRIPTION	sealant joints in driveway - caulk joints		

TIME AND MATERIAL WORK TICKET

QUANTITY	MATERIAL	UNIT PRICE	TOTAL
250'	1/4" backer rod		15
16	tubes S. Kablex 1A construction sealant		138
MATERIAL TOTAL			

DATE	EMPLOYEE NAME	REG. HRS	REG. RATE	OT HRS	OT RATE	TOTAL
11-2-17	Brad Bradford	3	112.89			338.67
11-2-17	Nate Bradford	1	96			96
11-3-17	Brad Bradford	1	112.89			112.89
11-3-17	Nate Bradford	1	96			96
11-14-17	Brad Bradford	7	112.89			790.23
11-14-17	Nate Bradford	7	96			672.00

LABOR TOTAL	
LABOR & MATERIAL TOTAL	
OVERHEAD & PROFIT	
BOND	
GRAND TOTAL	2258.79

1600.00

THE SIGNATURE BELOW ACKNOWLEDGES THE LABOR AND MATERIAL EXPENDED FOR THIS WORK:

CUSTOMER SIGNATURE

11-15-17

DATE

BOLLER CONSTRUCTION

No 2517

TIME AND MATERIAL WORK TICKET

JOB NO.	17-284	CUSTOMER NAME	DGSD
JOB NAME	DG Grease Station #2	CUSTOMER PO/REFERENCE NO.	
		WORK DIRECTED BY	Jeff Banta
WORK DESCRIPTION	Finish Framing curb + Step - Pour curb + step strip face + cover with plastic		

TIME AND MATERIAL WORK TICKET

QUANTITY	MATERIAL	UNIT PRICE	TOTAL
16	1/2" x 4" x 5' expansion		125
8	1/2" x 10' rebar		85
9	cu. yds concrete mix # 2447 H		1235
	Fiber reinforced concrete		432
MATERIAL TOTAL			

DATE	EMPLOYEE NAME	REG. HRS.	REG. RATE	OT HRS.	OT RATE	TOTAL
10-26-17	Brad Bradford	7	112.89			790.23
10-26-17	Nate Bradford	6	96			576
10-27-17	Brad Bradford	8	112.89			903.12
10-27-17	Nate Bradford	8	96			768
10-27-17	Martin Martinez	8	106.21			849.68
10-27-17	Ererardo Garcia	8	106.21			849.68

LABOR TOTAL	
LABOR & MATERIAL TOTAL	
OVERHEAD & PROFIT	
BOND	
GRAND TOTAL	6613.71

THE SIGNATURE BELOW ACKNOWLEDGES THE LABOR AND MATERIAL EXPENDED FOR THIS WORK:

  
 CUSTOMER SIGNATURE

10-27-17  
 DATE



November 1, 2017

Boiler Construction Company  
3045 Washington Street  
Waukegan, IL 60085

Attn: Reed Scheppmann, P.E.  
Project Engineer

Re: Downers Grove Sanitary District  
FOG Receiving Station

Dear Reed:

Following is a T&M breakdown of the adds for the site drainage improvements detailed in the sketch provided to our firm and completed on 10-19-17, 10-24-17, and 10-26-17 :

**Item 1: Site Drainage Improvements Adder:**

**1. Labor**

7	hours pipefitter foreman rate	\$108.37 /hour	\$758.59
10	hours pipefitter journeyman rate	\$103.91 /hour	\$1,039.10
	<b>Subtotal</b>		<b>\$1,797.69</b>
	<b>15% mark-up</b>		<b>\$269.65</b>
	<b>Total Labor</b>		<b>\$2,067.34</b>

**2. Materials**

1	24" diameter catch basin with TY 1 frame with open grate	\$641.59 /ea	\$641.59
1	6" MJ wye	\$226.01 /ea	\$226.01
1	6" MJ sleeve	\$103.25 /ea	\$103.25
1	6" MJ 45	\$100.81 /ea	\$100.81
7	6" MJ accs with SS hardware	\$35.82 /ea	\$250.74
1	pail hydroplug	\$39.96 /ea	\$39.96
1	lot 6" SDR 26 ASTM 2241 pipe and fittings as needed	\$178.70 /lot	\$178.70
	<b>Subtotal</b>		<b>\$1,541.06</b>
	<b>15% mark-up</b>		<b>\$231.16</b>
	<b>Total Materials</b>		<b>\$1,772.22</b>

**3. Equipment**

7	hours service truck	\$25.00 /hour	\$175.00
3	hours dump truck	\$45.00 /hour	\$135.00
	note: all equipment fuel included in rate		
	<b>Subtotal</b>		<b>\$310.00</b>
	<b>Total Materials</b>		<b>\$310.00</b>

**4. Subcontractors**

0	subcontractors	\$0.00 /ea	\$0.00
	<b>Subtotal</b>		<b>\$0.00</b>
	<b>5% mark-up</b>		<b>\$0.00</b>
	<b>Total Subcontractors</b>		<b>\$0.00</b>

**Total Costs: \$4,149.56**

**Total Add/Deduct this contract revision: \$4,149.56**

Please review and advise of the status of this request; any questions can be addressed to me at (847) 253-0341.

Thank You,  
*Kris Komorn*  
Kris Komorn  
Project Manager  
Dahme Mechanical industries, Inc.  
[kkomorn@dahmemechanical.com](mailto:kkomorn@dahmemechanical.com)

R. A. Abbott Excavating, Inc.

11N198 Russell Road  
Elgin, IL 60124

Tom  
Downers

# Invoice

Date	Invoice #
10/27/2017	998

Bill To
Boller Construction 3045 Washington St. Waukegan, IL 60085-4843

Project
Downers Grove

Quantity	Description	Rate	Amount
32	<p>Extra to contract: reconfigure driveway, excavate and backfill for drain structure and line, and excavate for new curb</p> <p>hours - operator and machine - 10/23 &amp; 24/2017</p> <p><i>Backfill behind curb Move in &amp; out</i></p>	250.00	8,000.00

		<b>Total</b>	\$8000.00
--	--	--------------	-----------



# OZINGA

OZINGA READY MIX CONCRETE, INC.  
P.O. BOX 910  
FRANKFORT, IL 60423  
P: 708-326-4200 F: 708-326-4201

# INVOICE

CUSTOMER NO.	DATE	INVOICE NO.
00016572	10/27/2017	991194
P.O. NO.	TERMS	
DOWNERS GROVE	NET 30	
Page 1 of 1		

JOB NO.	LOT(S)
000119	

SOLD TO:

BOLLER CONSTRUCTION CO.  
3045 W. WASHINGTON STREET  
WAUKEGAN, IL 60085

**RECEIVED**

NOV 01 2017

Boller Construction

SHIPPED TO:

5003 WALNUT, SANITARY GREASE STAT  
DOWNERS GROVE, IL

DATE	PLANT	TICKET NO.	QUANTITY	UOM	DESCRIPTION	PRICE	EXTENSION
10/27/17	220	350107	8.00	CY	5.5 BG WRHR WR FA FULL AE	112.00	896.00
10/27/17	220	350107	8.00	CY	ENVIRONMENTAL CHARGE	3.00	24.00
10/27/17	220	350122	1.00	CY	5.5 BG WRHR WR FA FULL AE	112.00	112.00
10/27/17	220	350122	1.00	EA	MINIMUM ORDER	200.00	200.00
10/27/17	220	350122	1.00	CY	ENVIRONMENTAL CHARGE	3.00	3.00

PRODUCT RECAP

		PRICE	EXTENSION	TAX	TOTAL	
2447H	5.5 BG WRHR WR FA FULL AE	9.00 CY	112.00	1008.00	0.00	1008.00
MO	MINIMUM ORDER	1.00 EA	200.00	200.00	0.00	200.00
EC	ENVIRONMENTAL CHARGE	9.00 CY	3.00	27.00	0.00	27.00

*TEM extra  
Curb/step*

G/L \_\_\_\_\_  
JOB NO. # 17284  
PHASE \_\_\_\_\_  
COST CODE \_\_\_\_\_  
COST TYPE \_\_\_\_\_  
INVOICE # 991194

TOTAL CYDS:	9.00	TAXABLE AMOUNT	0.00
TOTAL TONS:	0.00	EXEMPT AMOUNT	1,235.00
		SALES TAX	0.00
		INVOICE TOTAL	1,235.00

Paying by ACH is safe, quick and easy. Just use the following information to submit your payment today! Account # 5590045356 Routing #071000039

A FINANCE CHARGE OF 1.5% PER MONTH (18% PER ANNUM) CHARGED ON ALL PAST DUE ACCOUNTS.  
PLEASE COMPLETE THE LAST PAGE FOR ANY TAX ADJUSTMENTS AND SEND IN WITH PAYMENT. THANK YOU.

**DOWNERS GROVE SANITARY DISTRICT**  
**2017 WWTC PERFORMANCE REPORT**

**DOWNERS GROVE SANITARY DISTRICT  
2017 WWTC PERFORMANCE REPORT**

TO: Board of Trustees

FROM: Nick Menninga  
General Manager

DATE: January 12, 2018

SUMMARY OF 2017 OPERATIONS

Total Flow to WWTC: 3,769,539,500 gallons  
Average Daily Flow: 10.33 MGD

Total Complete Treatment Flow: 3,963,130,200 gallons  
Average Daily Complete Treatment Flow: 10.86 MGD

District Billed Flow: 2,094,291,788 gallons  
Ratio of Billed Flow to Total WWTC Flow: 55.6 %  
Ratio of Billed Flow to Total Complete Treatment Flow: 52.8%

Precipitation Total for 2017: 42.23''

Electrical Consumption: 2,099,384 KW Hrs.  
Average Daily Electric Usage: 5,727 KW Hrs.

Complete Treatment Flow Characteristics – Average Daily Values

Influent Concentrations:	BOD	213 mg/L
	TSS	199 mg/L
	NH3-N	20.3 mg/L

Influent Loadings:	BOD	17,380 lbs./day
	TSS	15,498 lbs./day
	NH3-N	1,505 lbs./day

Effluent Concentrations:	CBOD	1.2 mg/L
	TSS	0.9 mg/L
	NH3-N	0.40 mg/L

Effluent Loadings:	CBOD	121 lbs./day
	TSS	111 lbs./day
	NH3-N	40 lbs./day

Biosolids Production, after digestion:	11,633,131 gallons
	2,005,847 lbs. dry solids
	1,003 dry tons

## WASTEWATER TREATMENT CENTER FLOWS

### TABLE 1

The total flow to the treatment center in 2017 was 3,963,130,200 gallons, with 95.1% of this total, or 3,769,539,500 gallons, receiving tertiary treatment. The total flow for the year equates to an average daily flow of 10.86 MGD as compared to an average tertiary flow of 10.33 MGD. Excess flow treatment was in operation for 283 hours during the year, or 3.2% of the time, and accounted for 193,590,700 gallons.

Comparison of 2017 flows to past 42 years:

### TABLE 2

- Annual rainfall was the 9<sup>th</sup> highest historic total, 42.23 inches, resulting in the 17<sup>th</sup> highest historic total flow volume of 3,967.1 MG. The 42-year reporting period has an annual average of 35.1 inches of rainfall.
- The tertiary, or complete treatment volume of 3,769.1 MG for 2017 was the 13<sup>th</sup> highest flow year at the WWTC when viewed over the 42-year period.
- The excess flow volume of 197.5 MG for 2017 was the 16<sup>th</sup> highest total over the 42 year period.
- These numbers indicate that rainfall fell in relatively normal patterns compared to historic distributions.

### TABLE 3

The discharge to St. Joseph Creek, Outfall No. 002, was in use for 282 hours in 2017, and accounted for 282 MG. The operation hours represent 3.2% of the year. The St. Joseph discharge for 2017 was almost one and a half times the total excess flow for the year and represented 7.1% of the total flow. St. Joseph Creek is used when the combined tertiary and excess flows exceed the capacity of the outfall 001 pipe, rated for 30.0 MGD. There were times when root intrusion limited the outfall 001 pipe capacity below 30.0 MGD. Root removal was conducted to restore the capacity.

Outfall No. C01 discharge can be used when flows exceed the tertiary plant capacity and Intermediate Clarifier No. 1 is temporarily converted from a tertiary treatment unit to an excess flow treatment unit. This outfall was in use for 41 hours and accounted for 23 MG in 2017.

Outfall 003 can be used when peak flows exceed the tertiary plant capacity and Intermediate Clarifiers Nos. 2 & 3 are temporarily converted from tertiary treatment to excess flow treatment units. This outfall was in use for 24 hours and accounted for 13 MG in 2017.

#### TABLE 4

The current plant design of 11.0 MGD for tertiary treatment was exceeded on 108 days, or 30% of the days, during 2017.

#### WWTC CAPACITY (TABLE 5)

The Illinois EPA determines remaining capacity at a treatment facility by reviewing the past twelve months of average influent flow data at the facility. The three lowest flow months for the period plus outstanding Illinois EPA permits for new development issued to the District over the past two years determines the remaining hydraulic capacity. Table 5 indicates the remaining capacity at the WWTC during the course of the past five years. As indicated, the WWTC is currently at 64% capacity in terms of remaining hydraulic capacity. This is based on an average flow of 6.9 MGD, which is the average of the three lowest flow months during 2017. Remaining capacity, based on organic loading, is also indicated in Table 5. The WWTC organic loading is currently in the range of 91% to 123% of capacity, depending on the parameter. Organic loading can be used by IEPA as an indicator of reserve capacity if hydraulic limits are approached, or operational difficulties stem from high organic loading. Elevated BOD and TSS influent loads are attributed to higher than historic digester supernatant recycle loads.

#### TREATMENT PROVIDED (TABLES 6, 7 and 8)

The yearly average effluent results in 2017 were well below the NPDES Permit requirements. The effluent CBOD concentration averaged 1.2 mg/l, TSS was at 0.9 mg/l, and ammonia-nitrogen was 0.40 mg/l.

Over the ten year period, as indicated in Table 6, the yearly averages have ranged from 1.0 to 1.6 mg/L for CBOD, 0.5 to 2.2 mg/L for TSS, and 0.1 to 0.4 for ammonia nitrogen. The influent pollutant concentrations for TSS, BOD and Amm-N were elevated compared to 2016. Lower flows and continuing high amounts of digester supernatant appear to account for these higher levels. Pollutants from digester supernatant appear to settle out in the primary tanks, since primary effluent characteristics are similar to previous years.

Table 7 provides the monthly process performance and removal values for 2017. A ten-year history indicating yearly process performance and removal values is presented in Table 8.

#### NPDES PERMIT COMPLIANCE

The WWTC operated with six permit excursions in 2017. In April, there was one day where the fecal coliform count was above its limit at the excess flow sampling Manhole-001, attributed to inadequate hypochlorite dosing. In May, there was one excursion for Amm-N effluent concentration, which was attributed in part to optimizing treatment

operations for biological phosphorus removal. During the major flow event of October 14<sup>th</sup>-15<sup>th</sup>, heavy first-flush loading resulted in 4 TSS excursions over two days.

#### SLUDGE QUANTITIES (TABLES 9 and 10)

Total raw sludge pumping to the digestion processes is shown in Table 9. The total of primary sludge, waste activated sludge and hauled grease waste was 25,084,451 gallons for 2017. This was the 2<sup>nd</sup> highest volume recorded, behind the total from 2016. Digester supernatant (clear water decanted from the process) was less than 2016 but still significantly higher than years prior to 2016. When too much supernatant is removed, it can carry significant solids from the digesters to the head of the plant. This can increase the influent plant loads, as well as the primary and waste activated sludge quantities, effectively recirculating digester contents through the liquid treatment process. Efforts to control supernatant volumes in 2017 resulted in some reduction in the annual total volume, although recycle loads did not appear to be reduced significantly.

Sludge production volume for 2017 was the highest shown in recent years, while dry tonnage was close to normal. Digester 1 was returned to service in late February 2017 following mixing and gas piping upgrades.

For 2017, total digested sludge pumping was 11,633,131 gallons. Of the total, 68.1% or 7,918,682 gallons, was dewatered at the belt filter press. 838,116 gallons, or 7.2% of the total, were placed in the sludge lagoons seeded with reeds. The remaining 24.7% of the sludge pumping for 2017, or 2,876,333 gallons, was dewatered at the drying beds. A ten year history on sludge production is included in Table 10.

#### BIOSOLIDS DISPOSAL (TABLE 11)

Biosolids disposal through the public distribution program for 2017 totaled 3,983 cubic yards. This was an increase over the 2016 annual total of 3,380. Deliveries for 2017 accounted for 83% of the total, or 3,307 yards. The pickup station accounted for 6%, or 253 yards. District use at the plant totaled 10%, the most in recent years. Contractor pickup significantly decreased, as 8% of the total, or 322 yards.

This year the digester 1 cleaning work included contract hauling of material to farm fields for Class B disposal. 718 cubic yards of biosolids removed from the bottom of digester 1 by the cleaning contractor and temporarily stored in bed 33 were hauled to farmland for land application. This represents 108 dry tons of solids.

1,000 cubic yards of material were removed from bed 31 by a hauling contractor, and hauled to farm field for Class B disposal in May, 2017, in order to make space available for belt press cake storage. This represents 115 dry tons of solids.

Digested and dewatered sludge appears to be more dilute than in past years. This effectively reduces the storage time available for aging, requiring a limited amount of Class B disposal in order to sustain adequate aging for the bulk of biosolids production as a Class A product.

### UTILITIES (TABLES 12 and 13)

Electrical consumption from ComEd for 2017 was 28% lower than consumption in 2016. This reflects the start-up of the second phase CHP equipment in 2017. The total yearly consumption from ComEd was at 2,099,643 kW-hours, for an average daily use of 5,752 kW-hours.

Natural gas consumption for 2017 was at 781,700 cubic feet, a reduction from previous years due to more judicious use of heating equipment.

City water consumption for the year was at 801,133 gallons. The reduction in water use was due to discontinuing production of hypochlorite on-site, off-set somewhat by a maintenance period when the plant effluent water system was out of service for chlorine contact tank repairs, requiring the use of city water during the outage.

### DIGESTER GAS UTILIZATION (TABLE 14)

Total digester gas production for 2017 was at 73,206,201 cubic feet, for a daily average of 200,565 cubic feet. Gas was utilized in the CHP facility, where a total of 39,848,809 cubic feet of gas was used in 2017. Wasting of digester gas (gas flared) totaled 17,095,933 cubic feet in 2017. The digester heat exchangers used 11,239,249 cubic feet of gas. Gas was flared when the supply exceeded the demand, and when needed for equipment outages.

Digester gas was contaminated with excessive hydrogen sulfide from a high-sulfate hauled waste product that was accepted at the plant. Over a 4 week period, much of the gas was flared to atmosphere, since the gas cleaning equipment could not remove a sufficient amount of sulfides to operate the CHP. Once the sulfides were purged from the system, normal operation was restored. New high strength wastes are now screened for sulfate content.

Following the start-up of the second CHP unit, gas production and storage has not matched total CHP capacity consistently, with weekly variations in gas production associated with limited weekend grease waste deliveries preventing full utilization of CHP capacity. Construction of a larger grease receiving/storage tank will allow for more consistent CHP use.

### CHEMICAL USAGE (TABLES 15 and 16)

Sodium hypochlorite and sodium bisulfite were utilized for the year for disinfection. In 2017, hypochlorite was used at 9.6 pounds per million gallons of tertiary flow, the lowest rate over the ten year period shown in Table 16.

The amount reported for excess flow includes the totals used to treat return activated sludge for filamentous control.

The bulk of hypochlorite used in 2017 was from delivered bulk hypochlorite. We received 49,500 gallons off bulk hypochlorite to meet our disinfection needs for the year.

The cost was offset by no need for bulk solar salt, less city water use, and less electricity use in the plant.

Sodium bisulfite was used at a rate of 5.9 pounds per million gallons, a fairly normal rate compared to the past 5 years of operation.

Polymer use in 2017 was at 16,200 pounds for 1,266,862 pounds of sludge on a dry solids basis, and equated to 78 pounds of dry solids per pound of polymer. This is consistent with rates over the 10 years shown on Table 16.

#### NUTRIENTS (TABLE 17)

The NPDES permit requires routine monitoring of influent and effluent total nitrogen and phosphorus concentrations. Table 17 summarizes that data, and applies the concentration data to the monthly flows to estimate loads.

Roughly 50% removal of phosphorus and nitrogen occurred across the plant in 2017. Lower phosphorus removal rates in late summer coincided with the start-up of the anaerobic tank mixing equipment.

#### SUMMARY

2017 rainfall was considerably higher than the historic average, although not as high as many of the totals seen over the past 10 years. A significant amount of rain fell on dry ground, helping to mitigate the appearance of I/I in the collection system.

Flow totals remain consistent with historic levels. Billable flow as a proportion of total flow was slightly above 50%, reflecting the lower proportion of I/I than in recent years. The need for system I/I reduction continues.

Plant reserve capacity appears to be adequate. Dry weather low flows remain well below the plant's hydraulic capacity, the primary method used to determine reserve capacity. Influent pollutant loads from recycle streams remained high in 2017, and will remain an area of focus for plant operations staff.

Biosolids production levels were normal compared with recent years. However, lower digested and dewatered sludge concentrations need to become an area of focus for operations staff for 2018.

The hypochlorite generation unit was not operated for the disinfection season. The cost of bulk delivered hypochlorite was competitive with the cost of operating the OSEC unit in 2017. These costs will continue to be tracked to verify whether it is cost-effective to run the OSEC unit.

Electricity consumption was reduced dramatically in comparison to 2016 due to introduction of the second CHP unit. Natural gas use was at its lowest historic level.

Hauled grease trap waste was accepted consistently throughout 2017, with an annual amount less than 2016 due to a digester upset in the summer that was attributed to wide variations in hauled waste loads. Gas production was somewhat less than 2016, which can be attributed to less high-strength waste. The amount of gas flared into the atmosphere has decreased with the start-up of the second CHP unit.

The plant operated with six permit excursions for 2017. Overall, effluent quality was excellent for parameters controlled in the NPDES permit. Five of the excursions were related to extreme weather conditions, and the sixth was a result of ongoing efforts to reduce plant effluent phosphorus.

NPDES permit requirements for phosphorus removal studies and DRSCW reporting were completed and submitted timely. The requirement to report DRSCW activities for 2016 was met by a report submitted by DRSCW directly to IEPA in a timely manner. Requirements to evaluate the facility for phosphorus removal were completed and submitted in a timely manner.

The Phosphorus Discharge Optimization Plan submitted in July, 2017 committed to continuing attempts to achieve biological phosphorus removal with existing facilities. Associated activities included installation of a mixing system in tanks being used as anaerobic reactors for biological phosphorus removal fermentation and phosphate release. Attempts to improve de-nitrification effectiveness included using shut-down timers for aeration air, and air flow reduction in a portion of the aeration tankage.

Table 1  
WWTC FLOW  
2017

<u>MONTH</u>	<u>PRECIPITATION INCHES</u>	<u>TERTIARY FLOW RECEIVED (MG)</u>	<u>EXCESS FLOW RECEIVED (MG)</u>	<u>TOTAL FLOW RECEIVED (MG)</u>	<u>EXCESS FLOW HOURS ON</u>	<u>EXCESS FLOW % HRS. ON</u>	<u>EXCESS FLOW % OF TOTAL</u>
Jan	2.80	366.48	4.16	370.64	21.40	2.88	1.12
Feb	2.93	289.27	0.00	289.27	0.00	0.00	0.00
Mar	3.40	404.04	45.23	449.27	61.30	8.24	10.07
Apr	6.45	421.09	41.38	462.48	54.40	7.31	8.95
May	4.20	433.94	37.45	471.39	63.20	8.49	7.94
Jun	2.25	241.82	0.00	241.82	0.00	0.00	0.00
Jul	4.51	267.13	0.00	267.13	0.00	0.00	0.00
Aug	1.50	214.20	0.00	214.20	0.00	0.00	0.00
Sep	0.39	188.55	0.00	188.55	0.00	0.00	0.00
Oct	11.42	371.32	61.19	432.51	73.70	9.91	14.15
Nov	2.18	342.78	4.19	346.97	9.50	1.28	1.21
Dec	0.20	228.97	0.00	228.97	0.00	0.00	0.00
TOTALS	42.23	3,769.61	193.59	3,963.20	283.50	3.24	4.88

WWTC FLOW RATES FOR 2017

Daily average total treatment flow - 10.86  
Daily average tertiary treatment flow - 10.33  
Daily average excess treatment flow - 0.09

VOLUME OF FLOW RECEIVED AND DURATION OF EXCESS FLOW OPERATION  
January 1, 1976 to December 31, 2017

PERIOD	PRECIPITATION INCHES	TERTIARY FLOW	EXCESS FLOW RECEIVED MG	TOTAL FLOW RECEIVED MG	% EXCESS OF TOTAL FLOW	OPERATIONAL HRS. EXCESS FLOW	% EXCESS OF TOTAL HRS.
1/1/76 - 12/31/76	29.39	2960.9	174.9	3135.8	5.6%	400.25	4.6%
1/1/77 - 12/31/77	33.22	3334.6	104.5	3439.1	3.0%	329.50	3.8%
1/1/78 - 12/31/78	31.02	3419.0	228.3	3647.3	6.3%	790.25	9.0%
1/1/79 - 12/31/79	36.55	3518.2	820.8	4339.0	18.9%	1791.25	20.4%
1/1/80 - 12/31/80	33.0	3866.1	235.0	4101.1	5.7%	697.50	7.9%
1/1/81 - 12/31/81	23.02	3510.1	141.0	3651.1	3.9%	347.00	4.0%
1/1/82 - 12/31/82	33.1	3531.3	370.3	3901.6	9.5%	826.87	9.4%
1/1/83 - 12/31/83	34.34	3726.4	328.0	4054.4	8.1%	613.50	7.0%
1/1/84 - 12/31/84	25.38	3742.1	206.5	3948.6	5.2%	456.75	5.2%
1/1/85 - 12/31/85	31.97	3611.2	228.0	3839.2	5.9%	440.26	5.0%
1/1/86 - 12/31/86	25.60	3550.1	54.3	3604.4	1.5%	162.83	1.9%
1/1/87 - 12/31/87	33.47	3754.9	187.3	3942.2	4.8%	374.38	4.3%
1/1/88 - 12/31/88	22.56	3518.6	148.2	3666.8	4.0%	446.07	5.1%
1/1/89 - 12/31/89	25.19	3377.9	62.9	3440.8	1.8%	110.58	1.3%
1/1/90 - 12/31/90	43.12	4189.3	286.4	4475.7	6.4%	413.33	4.7%
1/1/91 - 12/31/91	39.06	4064.8	173.8	4238.6	4.1%	257.79	2.9%
1/1/92 - 12/31/92	30.34	3609.3	59.4	3668.7	1.6%	97.20	1.1%
1/1/93 - 12/31/93	40.83	4056.9	307.1	4364.0	7.0%	416.11	4.8%
1/1/94 - 12/31/94	33.03	3555.8	85.6	3641.4	2.4%	160.68	1.8%
1/1/95 - 12/31/95	29.87	3684.8	174.6	3859.4	4.5%	275.70	3.1%
1/1/96 - 12/31/96	37.50	3672.2	141.7	3813.9	3.7%	193.40	2.2%
1/1/97 - 12/31/97	34.18	3582.0	178.5	3760.5	4.7%	239.40	2.7%
1/1/98 - 12/31/98	45.05	4088.6	269.6	4358.2	6.2%	479.80	5.5%
1/1/99 - 12/31/99	31.38	3716.3	228.9	3945.2	5.8%	347.33	4.0%
1/1/00 - 12/31/00	33.98	3565.5	142.9	3708.4	3.9%	242.66	2.8%

VOLUME OF FLOW RECEIVED AND DURATION OF EXCESS FLOW OPERATION  
January 1, 1976 to December 31, 2017

1/1/01 - 12/31/01	35.51	4158.0	171.2	4329.2	4.0%	287.46	3.3%
1/1/02 - 12/31/02	29.23	3594.0	107.5	3701.5	2.9%	200.71	2.3%
1/1/03 - 12/31/03	32.63	3343.4	99.3	3442.7	2.9%	211.13	2.4%
1/1/04 - 12/31/04	37.31	3436.5	97.9	3534.4	2.8%	184.64	2.1%
1/1/05 - 12/31/05	27.09	3443.8	101.4	3545.2	2.9%	162.25	1.9%
1/1/06 - 12/31/06	47.08	4337.0	135.9	4472.8	2.7%	315.57	3.5%
1/1/07 - 12/31/07	36.06	3709.0	124.7	3833.7	3.2%	228.15	2.6%
1/1/08 - 12/31/08	47.45	4085.2	297.2	4382.4	6.8%	438.42	5.0%
1/1/09 - 12/31/09	45.10	4134.5	373.4	4507.9	8.3%	571.55	6.5%
1/1/10 - 12/31/10	40.11	3742.3	217.1	3959.4	5.5%	339.68	3.9%
1/1/11 - 12/31/11	43.13	4034.3	275.9	4310.2	6.4%	638.12	7.3%
1/1/12 - 12/31/12	26.16	3272.5	26.2	3298.8	0.8%	69.88	0.8%
1/1/13 - 12/31/13	47.18	3812.2	305.7	4117.9	7.4%	392.85	4.5%
1/1/14 - 12/31/14	39.04	4075.9	172.4	4248.3	4.1%	409.63	4.7%
1/1/15 - 12/31/15	38.93	3990.7	114.5	4105.1	2.8%	233.84	2.7%
1/1/16 - 12/31/16	42.28	4093.5	84.9	4178.3	2.0%	204.37	2.3%
1/1/17-12/31/17	42.23	3769.1	197.5	3967.1	5.0%	283.5	2.4%
Total 42 Year Average							
1/1/76 to 12/31/17	1472.7	156238.8	8241.2	164480.3		16082.1	
Average Yearly Values	35.1	3719.9	196.2	3916.2	4.9%	382.9	4.4%

TABLE 3  
WET WEATHER DISCHARGES  
2017

<u>MONTH</u>	<u>TO ST. JOSEPH CREEK</u>		<u>FROM INTERMEDIATE</u>		<u>FROM INTERMEDIATES</u>	
	<u>CREEK</u>	<u>OUTFALL 002</u>	<u>NO. 1</u>	<u>OUTFALL C01</u>	<u>NOS. 2 &amp; 3</u>	<u>OUTFALL 003</u>
	<u>MG</u>	<u>HOURS</u>	<u>MG</u>	<u>HOURS</u>	<u>MG</u>	<u>HOURS</u>
Jan	4.33	16.28	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00	0.00	0.00
Mar	58.65	59.38	2.73	7.50	0.00	0.00
Apr	55.39	54.70	2.63	6.50	0.00	0.00
May	74.25	65.30	1.14	3.30	0.00	0.00
Jun	0.00	0.00	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00	0.00	0.00
Oct	82.30	74.50	16.56	23.80	12.98	23.93
Nov	6.66	12.20	0.00	0.00	0.00	0.00
<u>Dec</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total	281.59	282.36	23.05	41.10	12.98	23.93

TABLE 4

PERCENT DAYS AT OR ABOVE DESIGN FLOW OF 11.0 MGD

<b>2017</b>					<b>10 YEARS</b>		
<u>MONTH</u>	<u>Days at</u> <u>11.0 MGD</u> <u>or Above</u>	<u>Influent</u> <u>Avg. MGD</u> <u>for Month</u>	<u>% Days</u> <u>11.0 MGD</u> <u>or Above</u>	<u>Total</u> <u>Rainfall</u> <u>(in.)</u>	<u>YEAR</u>	<u>% Days</u> <u>above</u> <u>11.0 MGD</u>	<u>Rainfall (in.)</u>
	Jan	13	11.96	41.9		2.80	
Feb	7	10.12	25.0	2.93	2009	47	45.10
Mar	18	13.16	58.1	3.40	2010	35	40.11
Apr	22	14.38	73.3	6.45	2011	41	43.13
May	22	14.28	71.0	4.20	2012	16	26.16
Jun	0	7.96	0.0	2.25	2013	31	47.18
Jul	4	8.41	12.9	4.51	2014	38	39.04
Aug	0	6.64	0.0	1.50	2015	36	38.93
Sep	0	6.05	0.0	0.39	2016	35	42.28
Oct	12	12.20	38.7	11.42	2017	30	42.23
Nov	10	11.40	33.3	2.18			
<u>Dec</u>	<u>0</u>	<u>7.38</u>	<u>0.0</u>	<u>0.20</u>			
Total	108	10.33	29.5	42.23			

WWTC REMAINING CAPACITY2017

	2013	2014	2015	2016	2017
<u>Hydraulic Capacity</u>					
Three Low Flow Months (MGD), Plant Influent	Jul 8.1 Aug 7.5 Sep 7.7	Oct 9.4 Nov 8.3 Dec 8.9	Feb 9.4 Aug 8.8 Oct 7.4	Sep 7.8 Oct 9.4 Nov 8.6	Sep 6.3 Aug 6.9 Dec 7.4
Average, 3 Low Flow Months (MGD)	7.8	8.9	8.5	8.6	6.9
Annual Average Flow (PE)	77,700	88,500	85,300	86,000	69,000
IEPA Permitted Flow - last 2 years (PE)	230	179	425	874	1195
Total Load (PE)	77,930	88,679	85,725	86,874	70,195
WWTC Hydraulic Capacity (PE)	110,000	110,000	110,000	110,000	110,000
Remaining Hydraulic Capacity (PE)	32,070	21,321	24,275	23,126	39,805
% of Hydraulic Capacity Utilized	70.85%	80.62%	77.93%	78.98%	63.81%
<u>Organic Capacity</u>					
Influent Loadings (annual avg. lbs/day)					
BOD	9,699	10,937	11,630	17,056	17,380
TSS	10,865	13,459	12,028	15,857	15,498
NH3-N	1,279	1,337	1,218	1,317	1,505
WWTC Organic Capacity (lbs/day)					
BOD	14,120	14,120	14,120	14,120	14,120
TSS	15,920	15,920	15,920	15,920	15,920
NH3-N	1,651	1,651	1,651	1,651	1,651
% of WWTC Organic Capacity Utilized					
BOD	68.69%	77.46%	82.37%	120.79%	123.09%
TSS	68.25%	84.54%	75.55%	99.60%	97.35%
NH3-N	77.47%	80.98%	73.77%	79.75%	91.16%

TABLE 6

DAILY AVERAGE CONCENTRATIONS

YEAR	EFFLUENT DAILY AVG. FLOW - MGD	INFLUENT (MG/L)			EFFLUENT (MG/L)		
		BOD	TSS	NH3-N	CBOD	TSS	NH3-N
2008	11.2	144	186	13.0	1.4	2.2	0.3
2009	12.0	181	245	14.6	1.1	1.6	0.3
2010	10.2	192	245	17.3	1.2	0.7	0.1
2011	11.1	167	217	15.1	1.6	1.6	0.4
2012	8.9	147	167	19.6	1.6	0.5	0.1
2013	10.4	119	132	16.1	1.0	0.5	0.1
2014	11.2	127	154	16.0	1.0	0.7	0.3
2015	10.9	130	140	14.7	1.3	0.7	0.2
2016	11.2	189	183	16.1	1.1	0.6	0.3
<u>2017</u>	<u>10.3</u>	<u>213</u>	<u>199</u>	<u>20.3</u>	<u>1.2</u>	<u>0.9</u>	<u>0.4</u>
AVG.	10.7	161	187	16.3	1.3	1	0.3

DAILY AVERAGE LOADINGS

YEAR	EFFLUENT DAILY AVG. FLOW - MGD	INFLUENT (LBS/DAY)			EFFLUENT (LBS/DAY)		
		BOD	TSS	NH3-N	CBOD	TSS	NH3-N
2008	11.2	13,077	16,569	1,103	159	279	37
2009	12.0	15,711	21,203	1,233	113	203	35
2010	10.2	15,629	20,144	1,416	98	64	11
2011	11.1	15,119	19,648	1,295	167	189	42
2012	8.9	10,425	11,895	1,386	119	38	11
2013	10.4	9,699	10,865	1,279	93	55	11
2014	11.2	10,937	13,459	1,337	96	69	26
2015	10.9	11,630	12,028	1,218	115	67	23
2016	11.2	17,056	15,857	1,317	103	58	25
<u>2017</u>	<u>10.3</u>	<u>17,380</u>	<u>15,498</u>	<u>1,505</u>	<u>121</u>	<u>111</u>	<u>40</u>
AVG.	10.7	13,866	15,717	1,309	118	113	28

TABLE 7  
 WWTC PERFORMANCE DATA - MONTHLY CONCENTRATIONS  
 2017

Month	EFFLUENT DAILY AVERAGE FLOW-MGD	PARAMETER	RAW SEWAGE (MG/L)	PRIMARY TREATMENT		INTERMEDIATE TREATMENT		TERTIARY TREATMENT		OVERALL REMOVAL (% OF RAW)
				PRIMARY EFFLUENT (MG/L)	PRIMARY REMOVAL (% OF RAW)	INTERMEDIATE EFFLUENT (MG/L)	INTERMEDIATE REMOVAL (% OF PRI)	TERTIARY EFFLUENT (MG/L)	TERTIARY REMOVAL (% OF INT)	
Jan 2017	11.82	TSS	160.9	55	66.10	8.1	85.23	0.9	89.43	99.47
		BOD	184.38	75	59.47	3.9	94.82	1.15	70.21	99.37
		AMM-N	15.56					1.34		91.36
Feb 2017	10.33	TSS	198.0	73	63.13	6.1	91.64	0.6	90.16	99.70
		BOD	236.17	92	61.19	3.3	96.45	1.33	59.34	99.44
		AMM-N	18.03					0.27		98.50
Mar 2017	13.03	TSS	137.3	55	60.23	7.0	87.16	0.9	87.39	99.36
		BOD	151.20	73	51.72	2.9	96.03	1.33	54.02	99.12
		AMM-N	14.16					0.28		98.04
Apr 2017	14.04	TSS	150.0	53	64.67	8.5	83.96	0.9	89.41	99.40
		BOD	174.43	70	60.06	3.9	94.37	1.00	74.36	99.43
		AMM-N	15.22					0.18		98.80
May 2017	14.00	TSS	171.0	51	70.18	11.0	78.43	0.9	91.82	99.47
		BOD	189.75	65	65.58	2.9	95.54	1.05	63.88	99.45
		AMM-N	13.90					0.67		95.18
Jun 2017	8.06	TSS	341.0	117	65.74	9.1	92.19	0.9	90.58	99.75
		BOD	359.58	153	57.53	2.7	98.26	1.33	50.00	99.63
		AMM-N	24.73					0.15		99.39
Jul 2017	8.62	TSS	290.6	134	53.88	8.8	93.40	1.0	88.91	99.66
		BOD	313.42	128	59.19	2.8	97.79	1.33	52.80	99.57
		AMM-N	23.03					0.29		98.72
Aug 2017	6.91	TSS	228.5	96	58.09	5.8	93.90	0.5	91.66	99.79
		BOD	228.86	129	43.45	2.2	98.33	1.09	49.50	99.52
		AMM-N	28.59					0.19		99.35
Sep 2017	6.29	TSS	210.4	75	64.30	7.5	90.08	0.6	92.30	99.73
		BOD	175.42	108	38.20	2.0	98.18	0.98	50.08	99.44
		AMM-N	30.86					0.10		99.68
Oct 2017	11.98	TSS	163.5	57	65.23	6.5	88.57	2.9	55.94	98.25
		BOD	139.53	70	49.64	2.1	96.97	1.73	18.52	98.76
		AMM-N	17.33					0.21		98.77
Nov 2017	11.43	TSS	143.2	45	68.66	3.8	91.53	0.5	87.37	99.66
		BOD	134.38	59	56.23	1.7	97.09	1.14	33.30	99.15
		AMM-N	17.20					0.42		97.53
Dec 2017	7.39	TSS	230.5	67	71.13	5.7	91.47	0.3	93.86	99.85
		BOD	270.25	102	62.40	3.1	96.94	0.97	68.93	99.64
		AMM-N	24.49					0.68		97.24
Total Year Avg.	10.32	TSS	199	73	63.32	7.3	90.00	0.9	87.67	99.55
		BOD	213	94	55.89	2.8	97.02	1.20	57.14	99.44
		AMM-N	20.3					0.40		98.03

WWTC PERFORMANCE DATA 2008-2017

YEAR	MGD	PARAMETER	PRIMARY TREATMENT			INTERMEDIATE TREATMENT		TERTIARY TREATMENT		TOTAL REMOVAL (% OF RAW)
			RAW SEWAGE (MG/L)	PRIMARY EFFLUENT (MG/L)	PRIMARY REMOVAL (% OF RAW)	INTERMEDIATE EFFLUENT (MG/L)	INTERMEDIATE REMOVAL (% OF RAW)	TERTIARY EFFLUENT (MG/L)	TERTIARY REMOVAL (% OF RAW)	
2008	11.2	BOD	144	68	52.8%	2.3	45.6%	1.4	0.6%	99.0%
		TSS	186	83	55.4%	7	40.9%	2.2	2.6%	98.8%
		NH3	13.0					0.3		97.7%
2009	12.0	BOD	181	64	64.6%	2.3	34.1%	1.1	0.7%	99.4%
		TSS	245	67	72.7%	6.9	24.5%	1.6	2.2%	99.3%
		NH3	14.6					0.3		97.9%
2010	10.2	BOD	192	75	60.9%	3.2	37.4%	1.2	1.0%	99.4%
		TSS	245	84	65.7%	7.7	31.1%	0.7	2.9%	99.7%
		NH3	17.3					0.12		99.3%
2011	11.1	BOD	167	73	56.3%	5	40.7%	1.6	2.0%	99.0%
		TSS	217	66	69.6%	14.5	23.7%	1.6	5.9%	99.3%
		NH3	15.1					0.39		97.4%
2012	9.0	BOD	147	96	34.7%	3.2	63.1%	1.6	1.1%	98.9%
		TSS	167	68	59.3%	6.5	36.8%	0.5	3.6%	99.7%
		NH3	19.6					0.14		99.3%
2013	10.4	BOD	120	76	36.7%	2.3	61.4%	1	1.1%	99.2%
		TSS	133	57	57.1%	6.3	38.1%	0.5	4.4%	99.6%
		NH3	16.1					0.13		99.2%
2014	11.2	BOD	126	75	40.5%	3.1	57.1%	1	1.7%	99.2%
		TSS	152	62	59.2%	6.9	36.3%	0.7	4.1%	99.5%
		NH3	15.8					0.28		98.2%
2015	10.9	BOD	130	73	43.8%	2.9	53.9%	1.3	1.2%	99.0%
		TSS	140	49	65.0%	5.6	31.0%	0.7	3.5%	99.5%
		NH3	14.7					0.24		98.4%
2016	11.2	BOD	189	81	57.1%	2.7	41.4%	1.1	0.8%	99.4%
		TSS	183	52	71.6%	5.9	25.2%	0.6	2.9%	99.7%
		NH3	16.0					0.24		98.5%
2017	10.3	BOD	213	94	55.9%	2.8	42.8%	1.2	0.8%	99.4%
		TSS	199	73	63.3%	7.3	33.0%	0.9	3.2%	99.5%
		NH3	20.3					0.40		98.0%
TEN YEAR AVG	10.8	BOD	160	77	51.9%	2.9	47.9%	1.2	1.1%	99.2%
		TSS	186	66	64.5%	7.4	31.9%	1	3.5%	99.5%
		NH3	16.2					0.25		98.4%

TABLE 9

DIGESTER FEED VOLUMES  
2017

<u>MONTH</u>	<u>GALLONS PRIMARY</u>	<u>GALLONS WAS</u>	<u>GALLONS GREASE</u>	<u>GALLONS TOTAL FEED</u>	<u>GALLONS SUPERNATANT</u>
Jan	973,561	873,994	296,577	2,144,132	1,490,372
Feb	918,564	671,407	268,073	1,858,044	1,121,288
Mar	957,313	628,797	327,508	1,913,618	983,462
Apr	982,129	723,333	296,200	2,001,662	1,147,967
May	1,037,482	882,095	342,451	2,262,028	1,461,050
Jun	1,079,214	780,800	397,404	2,257,418	1,275,381
Jul	1,072,383	655,171	290,378	2,017,932	713,189
Aug	1,039,148	472,277	116,341	1,627,766	1,109,225
Sep	1,044,496	544,867	240,762	1,830,126	1,014,861
Oct	1,238,062	797,314	333,544	2,368,920	1,619,316
Nov	1,257,411	968,774	298,396	2,524,581	1,371,037
Dec	1,110,334	895,925	271,965	2,278,224	858,098
TOTAL	12,710,097	8,894,754	3,479,599	25,084,451	18,908,335

<u>YEAR</u>	<u>TOTAL GALLONS PRIMARY</u>	<u>TOTAL GALLONS WAS</u>	<u>TOTAL GALLONS GREASE</u>	<u>TOTAL GALLONS FEED</u>	<u>TOTAL GALLONS SUPERNATANT</u>
2008	7,377,548	6,246,500	0	13,624,048	5,698,687
2009	8,941,879	6,386,450	0	15,328,329	7,063,547
2010	7,889,406	6,844,350	11,275	14,745,031	6,888,367
2011	13,375,341	7,732,749	123,361	21,231,451	7,954,262
2012	11,401,865	7,301,845	1,484,049	20,187,759	9,098,760
2013	10,246,693	7,702,241	1,847,140	19,796,074	7,406,897
2014	10,556,827	8,726,360	2,637,907	21,921,094	7,669,632
2015	12,856,865	7,917,270	2,388,320	23,162,455	10,452,628
2016	16,005,236	9,480,829	3,669,377	29,155,442	21,897,719
2017	12,710,097	8,894,754	3,479,599	25,084,451	18,908,335

TABLE 10

DIGESTED SLUDGE PUMPING  
2017

<u>MONTH</u>	<u>GALLONS TO DRYING BEDS</u>	<u>GALLONS TO LAGOONS</u>	<u>GALLONS TO BELT PRESS</u>	<u>TOTAL GALLONS</u>	<u>TOTAL DRY SOLIDS (LBS)</u>	<u>DRY TONS</u>
Jan	251,598	0	500,017	751,615	131,277	66
Feb	379,596	58,380	332,220	770,196	146,493	73
Mar	156,252	0	981,805	1,138,057	166,655	83
Apr	0	61,740	742,296	804,036	126,394	63
May	0	222,180	1,085,089	1,307,269	191,068	96
Jun	276,159	52,080	1,009,466	1,337,705	213,645	107
Jul	284,544	113,400	864,630	1,262,574	232,329	116
Aug	487,956	94,116	349,998	932,070	163,943	82
Sep	249,900	177,072	433,163	860,135	137,275	69
Oct	170,940	0	266,547	437,487	87,762	44
Nov	317,408	59,148	509,292	885,848	185,038	93
<u>Dec</u>	<u>301,980</u>	<u>0</u>	<u>844,159</u>	<u>1,146,139</u>	<u>223,969</u>	<u>112</u>
TOTAL	2,876,333	838,116	7,918,682	11,633,131	2,005,847	1,003
<u>YEAR</u>	<u>TOTAL TO DRYING BEDS</u>	<u>TOTAL TO LAGOONS</u>	<u>TOTAL TO BELT PRESS</u>	<u>TOTAL GALLONS</u>	<u>TOTAL DRY SOLIDS (LBS)</u>	<u>DRY TONS</u>
2008	1,892,774	883,280	6,553,158	9,329,213	1,966,487	983
2009	2,506,455	2,433,899	5,653,523	10,593,877	2,030,874	1,015
2010	2,796,588	850,900	5,795,548	9,443,035	1,959,968	980
2011	3,044,101	589,387	6,796,823	10,430,311	2,279,802	1,140
2012	2,804,389	987,418	5,167,727	8,959,534	2,004,268	1,002
2013	2,454,875	608,702	6,181,381	9,244,958	2,123,228	1,062
2014	2,111,002	900,582	7,757,099	10,768,684	2,311,647	1,156
2015	1,637,510	708,388	8,575,670	10,921,568	2,390,913	1,195
2016	2,684,707	722,430	5,483,122	8,890,259	1,773,261	887
2017	2,876,333	838,116	7,918,682	11,633,131	2,005,847	<u>1,003</u>
					Ten Year Avg.	1,042

BIOSOLIDS DISPOSAL

<u>YEAR</u>	<u>DELIVERED</u>		<u>CONTRACTOR P/UP</u>		<u>PICK-UP ST.</u>		<u>DGSD USE</u>		<u>TOTAL</u>
	<u>Cu. Yd.</u>	<u>% of Total</u>	<u>Cu. Yd.</u>	<u>% of Total</u>	<u>Cu. Yd.</u>	<u>% of Total</u>	<u>Cu. Yd.</u>	<u>% of Total</u>	
2008	2,610	70%	396	11%	520	14%	192	5%	3,718
2009	3,407	76%	273	6%	689	15%	118	3%	4,487
2010	4,061	87%	21	0%	516	11%	89	2%	4,687
2011	2,876	87%	3	0%	387	12%	27	1%	3,293
2012	4,812	89%	55	1%	504	9%	60	1%	5,431
2013	2,535	83%	113	4%	395	13%	0	0%	3,043
2014	3,012	87%	72	2%	321	9%	41	1%	3,446
2015	3,185	88%	75	2%	358	10%	7	0%	3,625
2016	2,269	67%	648	19%	451	13%	12	0%	3,380
<u>2017</u>	<u>3,307</u>	<u>83%</u>	<u>322</u>	<u>8%</u>	<u>253</u>	<u>6%</u>	<u>101</u>	<u>10%</u>	<u>3,983</u>
TEN YEAR AVG	3,207	82%	198	5%	439	11%	64	2%	3,909

TABLE 12

UTILITIES  
2017

<u>MONTH</u>	<u>ELECTRICITY FROM COMED KW HOURS</u>	<u>ELECTRICITY FROM CHP KW HOURS</u>	<u>NATURAL GAS - CU.FT.</u>				<u>CITY WATER GALLONS</u>
			<u>WWTC</u>	<u>MSB</u>	<u>HYPO BLDG</u>	<u>5006 WALNUT</u>	
Jan	235,845	172,968	46,967	57,000	67,733	33,600	66,447
Feb	237,141	124,866	31,300	42,600	48,300	9,000	55,651
Mar	332,096	98,195	27,500	39,700	31,300	7,875	88,264
Apr	404,051	0	11,500	10,950	6,050	1,125	44,880
May	203,732	216,757	8,400	4,050	4,650	300	19,747
Jun	63,442	339,916	3,300	2,600	0	0	33,436
Jul	109,068	292,780	3,200	2,200	0	0	22,590
Aug	354,827	2,779	6,800	2,600	100	0	26,180
Sep	95,423	283,654	2,800	2,167	0	0	33,685
Oct	98,028	327,661	7,000	8,333	1,400	2,100	60,264
Nov	-6,555	357,549	22,800	32,300	15,000	16,200	333,982
Dec	<u>-27,455</u>	<u>381,671</u>	<u>35,100</u>	<u>57,333</u>	<u>43,167</u>	<u>25,300</u>	<u>16,007</u>
TOTAL	2,099,643	2,598,796	206,667	261,833	217,700	95,500	801,133

<u>YEAR</u>	<u>ELECTRICITY FROM COMED KW HOURS</u>	<u>ELECTRICITY FROM CHP KW HOURS</u>	<u>NATURAL GAS - CU.FT.</u>				<u>CITY WATER GALLONS</u>
			<u>WWTC</u>	<u>MSB</u>	<u>HYPO BLDG</u>	<u>5006 WALNUT</u>	
2008	6,029,248		2,772,600	360,400	152,600	94,000	1,297,461
2009	5,077,824		1,760,300	267,000	146,500	83,543	1,284,865
2010	4,897,032		1,869,333	304,667	142,167	68,550	1,264,182
2011	5,142,655		1,172,167	222,133	173,033	74,350	1,348,906
2012	4,737,602		708,000	176,700	134,000	62,267	1,257,743
2013	4,710,718		1,852,600	291,100	199,300	150,172	570,319
2014	4,147,605	906,097	556,600	354,300	256,200	112,612	1,360,462
2015	3,088,543	1,618,114	330,725	242,300	243,341	90,150	2,022,867
2016	2,914,349	1,764,802	279,466	242,566	208,867	100,500	1,398,325
2017	2,099,643	2,598,796	206,667	261,833	217,700	95,500	801,133

ELECTRICAL USAGE AND WWTC FLOWS

<u>YEAR</u>	<u>MGD</u>	<u>COMED KWHRS PER DAY</u>	<u>TOTAL FLOW MG</u>	<u>TOTAL KWHRS</u>	<u>KWHRS PER MG</u>
1997	10.3	20,259	3,760.52	7,394,400	1,966
1998	11.9	20,643	4,358.23	7,534,800	1,729
1999	10.8	20,831	3,945.26	7,603,200	1,927
2000	10.1	19,503	3,708.38	7,138,220	1,925
2001	11.9	18,837	4,329.23	6,875,400	1,588
2002	10.1	17,670	3,701.50	6,449,400	1,742
2003	9.4	17,648	3,442.68	6,441,600	1,871
2004	9.6	18,138	3,534.37	6,638,400	1,878
2005	9.7	17,859	3,545.21	6,518,400	1,839
2006	12.3	18,652	4,472.81	6,808,073	1,522
2007	10.5	18,549	3,831.59	6,770,460	1,767
2008	12.0	16,473	4,382.37	6,029,248	1,376
2009	12.4	13,912	4,507.87	5,077,824	1,126
2010	10.8	13,417	3,959.40	4,897,032	1,237
2011	11.8	14,089	4,310.18	5,142,655	1,193
2012	9.0	12,980	3,298.75	4,737,602	1,436
2013	10.4	12,906	4,117.91	4,710,718	1,144
2014	11.6	11,363	4,248.26	4,147,605	976
2015	11.3	8,462	4,105.10	3,088,543	752
2016	11.4	7,963	4,178.33	2,914,349	697
2017	10.3	5,752	3,769.61	2,099,643	557

TABLE 14

DIGESTER GAS UTILIZATION

2017

<u>MONTH</u>	<u>TOTAL</u> <u>PRODUCED</u>	<u>CHP</u>	<u>DEHUMIDIFIER</u>	<u>HEAT</u> <u>EXCHANGER</u>	<u>WASTE</u> <u>(FLARED)</u>	<u>HAULED GREASE</u> <u>WASTE</u>
	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Gals.</u>
Jan	6,652,418	3,377,348	496,870	1,094,550	1,683,650	296,577
Feb	7,207,120	2,396,849	752,858	1,508,867	2,548,546	268,073
Mar	7,700,571	1,963,593	854,469	2,031,694	2,850,815	327,508
Apr	7,689,893	3	1,079,481	3,146,385	3,464,024	296,200
May	6,100,341	2,625,288	625,745	974,347	1,874,961	342,451
Jun	5,538,184	4,804,722	184,138	54,460	494,864	397,404
Jul	5,392,714	4,429,598	101,246	179,856	542,102	290,378
Aug	5,202,482	41,979	103,176	1,711,486	3,345,840	116,341
Sep	4,869,086	4,366,584	60,350	259,646	137,189	240,762
Oct	4,991,176	4,832,605	47,171	94,954	16,446	333,544
Nov	5,843,546	5,385,768	233,808	112,301	111,670	298,396
<u>Dec</u>	<u>6,018,670</u>	<u>5,624,472</u>	<u>297,669</u>	<u>70,703</u>	<u>25,826</u>	<u>271,965</u>
TOTAL	73,206,201	39,848,809	4,836,981	11,239,249	17,095,933	3,479,599
<u>YEAR</u>	<u>TOTAL</u> <u>PRODUCED</u>	<u>ENGINE/ CHP</u>	<u>DEHUMIDIFIER</u>	<u>HEAT</u> <u>EXCHANGER</u>	<u>WASTE</u> <u>(FLARED)</u>	<u>HAULED GREASE</u> <u>WASTE</u>
	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Cu. Ft.</u>	<u>Gals.</u>
2008	23,937,366		107,766	22,026,830	1,802,770	0
2009	34,050,861		5,261,917	28,702,134	86,810	0
2010	26,703,675		8,959,103	15,979,638	1,764,933	11,275
2011	31,976,383		11,654,942	15,832,873	4,488,568	134,958
2012	54,155,650		12,539,508	21,119,458	20,196,684	1,475,796
2013	49,310,158		13,063,363	27,651,410	8,595,385	1,854,698
2014	65,301,203	16,426,989	11,353,641	26,667,787	17,011,975	2,728,840
2015	68,198,366	31,095,549	5,858,902	20,643,295	21,656,843	2,389,320
2016	84,415,051	34,504,340	11,057,844	10,918,707	27,934,160	3,669,377
2017	73,206,201	39,848,809	4,836,981	11,239,249	17,095,933	3,479,599

TABLE 15  
CHEMICALS  
2017

<u>MONTH</u>	<u>LIQUID DISINFECTANT USE</u>			<u>LIQUID DISINFECTANT SOURCE</u>			<u>SLUDGE</u>
	<u>0.8% SODIUM</u>	<u>0.8% SODIUM</u>	<u>40% SODIUM</u>	<u>SOLAR</u>	<u>0.8% SODIUM</u>	<u>16% SODIUM</u>	<u>TREATMENT</u>
	<u>HYPOCHLORITE</u>	<u>HYPOCHLORITE</u>	<u>BISULFITE</u>	<u>SALT</u>	<u>HYPOCHLORITE</u>	<u>HYPOCHLORITE</u>	<u>POLYMERS</u>
	<u>TERTIARY</u>	<u>EXCESS</u>	<u>TERTIARY</u>	<u>DELIVERY</u>	<u>FROM OSEC</u>	<u>DELIVERED</u>	<u>lbs.</u>
	<u>Gallons</u>	<u>Gallons</u>	<u>Gallons</u>	<u>Tons</u>	<u>Gallons</u>	<u>Gallons</u>	
Jan	12,555	13,407	129	0	33,040	0	1,800
Feb	5,298	3,138	45	0	23,968	0	0
Mar	17,820	28,538	145	0	46,144	0	1,800
Apr	23,795	29,043	184	0	12,040	9,000	1,800
May	60,119	22,450	1,554	0	0	4,500	3,600
Jun	73,748	48	501	0	0	4,500	1,800
Jul	90,976	3,030	527	0	0	9,000	0
Aug	54,347	36	514	0	0	9,000	1,800
Sep	56,930	12	495	0	0	0	0
Oct	77,678	50,760	755	0	0	9,000	1,800
Nov	5,421	8,223	128	0	0	4,500	0
<u>Dec</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,800</u>
TOTAL	478,687	158,699	4,977	0	115,192	49,500	16,200

TABLE 16

CHEMICAL USAGE

SODIUM HYPOCHLORITE USAGE

<u>YEAR</u>	<u>TERTIARY lbs</u>	<u>FLOW MG</u>	<u>lbs./MG</u>	<u>EXCESS _lbs.</u>	<u>FLOW MG</u>	<u>lbs./MG</u>
2008	71,903	4,085.2	17.6	15,086	297.2	50.8
2009	57,216	4,134.5	13.8	15,584	373.4	41.7
2010	51,164	3,742.3	13.7	7,091	217.1	32.7
2011	70,331	4,034.3	17.4	11,092	275.9	40.2
2012	54,197	3,272.5	16.6	1,936	26.2	73.9
2013	47,333	3,812.2	12.4	9,084	305.7	29.7
2014	57,131	4,075.9	14.0	12,448	172.4	72.2
2015	47,388	3,990.7	11.9	8,294	114.5	72.4
2016	47,954	4,093.5	11.7	13,733	84.9	161.8
2017	36,336	3,769.6	9.6	12,201	193.6	63.0

SODIUM BISULFITE

SALT AND HYPOCHLORITE SOURCE

<u>YEAR</u>	<u>TERTIARY lbs.</u>	<u>FLOW MG</u>	<u>lbs./MG</u>	<u>SOLAR SALT DELIVERY TONS</u>	<u>0.8% SODIUM HYPOCHLORITE FROM OSEC Gals.</u>	<u>16% SODIUM HYPOCHLORITE DELIVERED Gals.</u>
2008	25,269	4,085.2	6.2	153	1,077,328	7,000
2009	19,409	4,134.5	4.7	153	783,104	2,995
2010	19,970	3,742.3	5.3	153	891,520	0
2011	23,538	4,034.3	5.8	126	1,027,712	24,503
2012	14,780	3,272.5	4.5	128	949,480	3,487
2013	16,679	3,812.2	4.4	43	262,360	45,300
2014	14,742	4,075.9	3.6	144	1,035,552	9,600
2015	25,048	3,990.7	6.3	144	859,180	4,420
2016	19,432	4,093.5	4.7	189	1,012,424	3,956
2017	22,167	3,769.6	5.9	0	115,192	49,500

POLYMERS

<u>YEAR</u>	<u>POLYMERS lbs.</u>	<u>DRY SOLIDS lbs.</u>	<u>lbs. Solids per Polymer lb.</u>
2008	19,350	1,332,902	68.9
2009	9,450	944,738	100.0
2010	11,700	1,091,512	93.3
2011	17,550	1,343,277	76.5
2012	13,050	955,284	73.2
2013	14,850	1,276,521	86.0
2014	14,850	1,514,033	102.0
2015	16,200	1,485,811	91.7
2016	10,800	992,027	91.9
2017	16,200	1,266,862	78.2

TABLE 17  
NUTRIENTS  
2017

**Phosphorus**

	Influent Concentration, mg/l	Influent Load, lbs/day	Effluent Concentration, mg/l	Effluent Load, lbs/day	% Removal of Load
January-17	4.96	490	2.10	207	57.7%
February-17	5.38	454	2.42	209	54.1%
March-17	3.98	437	2.00	217	50.2%
April-17	3.78	453	1.77	207	54.3%
May-17	4.38	522	1.90	222	57.5%
June-17	8.32	552	4.15	279	49.5%
July-17	7.46	523	3.98	286	45.3%
August-17	7.00	387	4.61	266	31.4%
September-17	6.62	334	5.22	273	18.1%
October-17	4.70	478	2.54	253	47.0%
November-17	4.67	444	2.21	210	52.6%
<u>December-17</u>	<u>6.17</u>	<u>379</u>	<u>3.02</u>	<u>186</u>	<u>51.0%</u>
Min	3.78	334	1.77	186	18.1%
Max	8.32	552	5.22	286	57.7%
Annual Total		165,881		85,647	
Avg	5.62	454	2.99	235	47.4%

**Nitrogen**

	Influent Concentration, mg/l	Influent Load, lbs/day	Effluent Concentration, mg/l	Effluent Load, lbs/day	% Removal of Load
January-17	41.10	4,057	17.60	1,735	57.2%
February-17	49.40	4,170	13.80	1,189	71.5%
March-17	32.00	3,513	14.70	1,598	54.5%
April-17	17.40	2,086	9.58	1,121	46.2%
May-17	29.00	3,454	10.50	1,226	64.5%
June-17	53.90	3,575	18.93	1,272	64.4%
July-17	46.70	3,275	18.15	1,304	60.2%
August-17	41.30	2,286	18.80	1,083	52.6%
September-17	48.20	2,434	21.90	1,148	52.8%
October-17	29.80	3,032	16.80	1,678	44.6%
November-17	33.80	3,214	14.93	1,423	55.7%
<u>December-17</u>	<u>39.60</u>	<u>2,437</u>	<u>16.80</u>	<u>1,035</u>	<u>57.5%</u>
Min	17.40	2,086	9.58	1,035	44.6%
Max	53.90	4,170	21.90	1,735	71.5%
Annual Total		1,141,660		480,990	
Avg	38.52	3,128	16.04	1,318	56.8%

**DOWNERS GROVE SANITARY DISTRICT  
MEMO**

TO: Nicholas J. Menninga  
General Manager

FROM: Robert Swirsky  
Sewer System Maintenance Supervisor

DATE: January 9, 2018

RE: Review of Operations – Collection System Performance for 2017

I have enclosed copies of the following items for your review:

- 1) Annual Sewer Backup Comparisons for 1994 through 2017
- 2) Manhole Overflow and Sewer Backup Summary by Event
- 3) Manhole Overflow and Sewer Backup Summary by Year
- 4) 2017 Public Sewer Blockages
- 5) 2017 Building Service Blockages
- 6) 2018 Manpower and Work Plan
- 7) Mainline PACP TV Status Map
- 8) Current I&I Ranking of Flow Metering Basins

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

DOWNERS GROVE SANITARY DISTRICT ANNUAL SEWER BACK UP COMPARISONS

REPORTING YEAR	TOTAL BACK UPS FOR YEAR ***	PUBLIC SEWER BLOCKAGES	BUILDING SERVICE PROBLEMS	HEAVY RAIN SURCHARGE ***	LIFT STATION FAILURE
1994	181	26	148	5	2
1995	164	26	136	2	0
1996	765	23	199	542	1
1997	632	24	114	494	0
1998	209	32	137	40	0
1999	227	31	191	5	0
2000	241	29	205	7	0
2001	216	22	132	61	0
2002	190	35	155	0	0
2003	207	27	180	0	0
2004	213	18	193	2	0
2005	328	21	300	7	0
2006	373	13	330	30	0
2007	286	11	275	0	0
2008	418	17	312	101	0
2009	312	19	242	59	0
2010	305	11	285	9	0
2011	280	15	262	3	0
2012	273	14	258	1	0
2013	474	13	322	139	0
2014	311	21	281	9	0
2015	238	11	227	0	0
2016	203	11	188	4	0
2017	242	9	200	33	0
20 year AVE	277	20	236	25	0
5 year AVE	294	13	244	37	0

\*\*\* TOTALS FOR YEARS 1996 & 1997 INCLUDES DATA FROM SURVEY RESPONSES

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	11/27/2017	10/14/2017	5/10/2017	4/29/2017	4/27/2017	3/30/2017
PRECIP FOR 24 Hrs	N/A	6.88	1.3	2.38	N/A	1.83
PRECIP FOR 3 PREVIOUS DAYS	Dry Weather Overflow	1.21	0.52	0.54	Dry Weather Overflow	0.73
10-day rainfall		9.55	2.49	3		2.88
PEAK WQTC FLOW		105.91	73.3	69.34		70.78
# OF OVERFLOWS	1	15	2	2		2
MH LOCATIONS	3A-030	L1-109 1H-012 1H-004 1H-005 1K-049 2A-011 2A-011-A 2D-001 1M-034 1M-049 G1-012 H1-004 H1-005 H4-004 H4-088	1M-049 1K-049	1M-049 2D-001	2A-072	1M-049 2D-001
# OF BACKUPS		38 1122 60th 115 S Grant 1450 Palmer 1917 Curtiss 1928 Curtiss 326 Gerz 3902 S Adams 4014 N Grant 4015 N Washington 4018 N Adams 4023 N Grant 4112 N Adams 4132 Roslyn 4507 Fairview 4825 Pershing 4943 Highland 5143 Grand 5501 Fairview 5713 Main 5740 Plymouth 6941 Lyman 7001 Foster 7020 Foster 733 Chicago 752 Chicago 821 Valley View 831 Valley View 951 Valley View 820 Valley View 4915 Washington 6909 Calway 4939 Walbank 4618 Roslyn 1418 62nd 4819 Pershing 4611 Fairview 238 Chicago 3926 N. Lincoln	3 112 N. Lincoln 138 N. Lincoln 305 N. Washington		2 1165 Barberry 122 S. Cass	

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	3/17/2017	3/1/2017	8/27/2016	7/29/2016	3/24/2016	8/29/2015	6/15/2015
PRECIP FOR 24 Hrs	N/A	1.69	1.1	1.47	N/A	N/A	1.5
PRECIP FOR 3 PREVIOUS DAYS	Dry Weather Overflow	0	0.47	2.27	Dry Weather Overflow	Dry Weather Overflow	1.93
10-day rainfall		2.12	2.68	5.81			4
PEAK WWTIC FLOW		88.54	64.07	68.33			88.4
# OF OVERFLOWS	1	2	1	2	1	1	2
MH LOCATIONS	B1-038-1	1M-049 2D-001	1M-049	1M-049 2D-001	2F-010 2F-011	2G-037	1M-049 2D-001
# OF BACKUPS			2 115 S. Grant 130 S. Lincoln		0	0	2 1165 Barry 3524 Saratoga

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	5/26/2015	11/28/2014	10/18/2014	8/22/2014	6/30/2014	5/20/2014	11/22/2013
PRECIP FOR 24 Hrs	0.57	N/A	N/A	1.52	2.04	1.47	N/A
PRECIP FOR 3 PREVIOUS DAYS	0.31 Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow	2.15	0.07	0	Dry Weather Overflow
10-day rainfall	0.88			3.81	2.97	3.1	
PEAK WQTC FLOW				85.66	71.9	67.28	
# OF OVERFLOWS	1	1	1	3	1	2	1
MH LOCATIONS	1A-021	H5-021-90	1H-012	1M-049 1M-050 2D-001	1M-049	1M-049 2D-001	FMCL-001

# OF BACKUPS	1 1230 75th	0	8 4129 Washington 115 S. Grant 117 S. Grant 5604 Carpenter 200 S. Lincoln 5436 Cumor 1928 Curtiss 122 S. Lincoln	1 1129 Barberry	0	
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MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	10/31/2013	4/18/2013	3/10/2013	8/26/2012	2/21/2012	6/9/2011
PRECIP FOR 24 Hrs	2.46	4.67	1.02	3.4	N/A	2.49
PRECIP FOR 3 PREVIOUS DAYS	0.65	2.59	0.4	0	Dry Weather Overflow	0.27
10-day rainfall	3.2	8.61	1.52	3.7		2.95
PEAK WQTC FLOW	75.19	116	74.79	73.26	N/A	77.56
# OF OVERFLOWS	1	?	1	0	1	6
MH LOCATIONS	1M-049	1M-049 H4-088 2C-089-1 G1-012 1H-005 2D-001 1K-049 2A-011-A 2E-023  unable to verify all locations due to surface flooding	1M-049		1H-012	1M-049 H1-003* H1-004* H1-005* 2D-001 1K-049  * Lift Station Failure
# OF BACKUPS		269	1	1	1	3
		124 N. Lincoln 5505 Dunham 4717 Main 5505 Fairview 1928 Curtis 4936 Francisco 17 W. Naperville 6021 Grand 4832 Saratoga 6035 Dunham 3840 Florence 5320 Benton 5300 Blodgett 6941 Lyman 4535 Elm 130 N. Williams 6121 Carpenter 5236 Fairmount 917 Blanchard 301 55th 4915 Washington 3944 Main 1130 Franklin 4823 Prince 3946 Elm 1925 Prairie 3524 Saratoga 123 N. Washington 1141 Valley View 4710 Saratoga 200 S. Grant 4945 Highland 5235 Fairmount 428 S. Cass 5310 Lyman 1424 62nd 6133 Dunham 2045 Prairie 2035 Prairie	117 S. Grant	1129 Barberry	310 Otis	5701 Webster 4111 Roslyn 1165 Barberry

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	5/25/2011	3/5/2011	1/31/2011	12/31/2010	12/14/2010	8/3/2010	7/24/2010
PRECIP FOR 24 Hrs	N/A	N/A	N/A	0.89	N/A	1.65	2.86
PRECIP FOR 3 PREVIOUS DAYS	Dry Weather Overflow	Dry Weather Overflow	Dry Weather Overflow	0.55	Dry Weather Overflow	1	0.79
10-day rainfall				1.46		4.65	3.65
PEAK WWTIC FLOW	N/A	N/A	N/A	52.38	N/A	73.52	88
# OF OVERFLOWS	1	2	1	0	1	1	6
MH LOCATIONS	V3-049	V-4-112 V-4-060	1H-055		L1-051	1M-049	1M-049 1H-012 1H-005 1H-004 1K-049 G4-004-A
# OF BACKUPS	2		1	1			4
	3840 Florence 3831 Florence		405 Grant	1129 Barberry			4032 N. Grant 4020 Liberty 3941 Main 4031 N. Grant

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	6/23/2010	6/2/2010	5/10/2010
PRECIP FOR 24 Hrs	0.97	1.95	N/A
PRECIP FOR 3 PREVIOUS DAYS	0.59	1.26	Dry Weather Overflow
10-day rainfall	2.07	3.61	
PEAK WWTFC FLOW	71	92.98	N/A
# OF OVERFLOWS	1	5	1
MH LOCATIONS	1M-049	1M-049 2D-001 1K-046 2A-011-A G1-012	1D-062

# OF BACKUPS	0	4	
		5533 Washington 335 S. Park 115 S. Grant 109 N. Williams	

MANHOLE OVERFLOW AND SEWER BACKUP HISTORY -

DOWNERS GROVE SANITARY DISTRICT - OVERFLOW BACKUP HISTORY

DATE OF EVENT	10/30/2009	8/28/2009	3/8/2009	2/26/2009
PRECIP FOR 24 Hrs	1.32	N/A	2.21	2.46
PRECIP FOR 3 PREVIOUS DAYS	0.78	DRY WEATHER OVERFLOW	1.34	0.13
10-day rainfall	4.81		6.04	3.02
PEAK WWTIC FLOW	71.05	N/A	83.04	92.57
# OF OVERFLOWS	2	1	12	6
MH LOCATIONS	1M-049 G1-012	H3-002-2	1M-049 H1-004 H1-005 1H-005 1K-049 G1-012 G1-015 2A-011-A 1M-056-A G4-004-A C1-009 H6-050	1M-049 H1-004 H1-005 1H-005 1K-049 L1-001
# OF BACKUPS	2	0	39	18
	4727 Fairview 4715 Fairview		1922 A Curtiss 1224 Brookside 917 Chicago 100 Chicago 221 Chicago 1924 Curtiss 1926 Curtiss 4132 Elm 5729 Fairmount 1441 Golden Bell 301 Indianapolis 231 James 235 James 5548 Lyman 5536 Lyman 5549 Lyman 5544 Lyman 4009 N. Washington 123N. Washington 420N. Washington 4015N. Washington 310 Ogden 4620 Pershing 4604 Pershing 1725 Prairie 4151 Roslyn 117S. Grant 335S. Park 1125 Sixty Second PL 1020 Sixty Second PL 743 Sixty Seventh St 34W Fifty Fifth PL 38W Fifty Fifth PL 29W Fifty Fifth St 5701 Webster 5704 Webster 116 West End 4119 Williams 4636 Wilson	616 Rogers 125 Eight 212 Lincoln 335 S. Park 101 N. Park 430 Rogers 100 Chicago 1240 Gilbert 221 Chicago 521 N. Park 307 N. Washington 420 N. Washington 1125 Barneswood 115 S. Grant 5436 Cummer 1924 Curtiss 4004 Washington 200 W Chicago



YEAR	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	TOTALS	AVERAGE	
N-1-10																												1	1	0.05		
N-1-13																													1	1	0.05	
N-1-7																													1	1	0.05	
N-1-9 (DWO)																																
V-3-105																1																
V-4-050 (DWO)																																
V-4-112 (DWO)									1																							
B-1-023 (DWO)																																
3-A-85 (DWO)																																
H-1-015																																
1A-128																																
01-012																																
01-038																																
B1-001 (DWO)																																
H5-021-89 (DWO)																																
H5-021-90 (DWO)																																
L1-001																																
H3-002-2 (DWO)																																
1M-056-A																																
W1-072 (DWO)																																
H6-050																																
1D-062 (DWO)																																
1H-025 (DWO)																																
V71-049																																
PMCL-001 (DWO)																																
1M-050																																
1H-012 (DWO)																																
2G-037 (DWO)																																
2A-072 (DWO)																																
1M-034																																
3A-030 (DWO)																																
TOTAL	26	5	4	8	12	1	11	15	21	43	7	23	7	16	7	21	22	12	31	36	41	37	17	4	21	7	20	38	0	431	25.35	
SEWER BACKUPS																																
234 3RD																																
318 4TH																																
317 5TH																																
126 7th																																
326 6TH																																
341 6TH																																
125 8TH																																
327 8TH																																
3004 38th																																
3115 38th																																
916 40TH																																
29 W 55TH PL																																
34 W 55TH PL																																
38 W 55TH PL																																
46 W 55 PL																																
118 55TH ST																																
113 55TH ST																																
122 55TH ST																																
830 55TH ST																																
201 56TH ST																																
300 56TH ST																																
221 56TH ST																																
246 56TH ST																																
1106 60TH PL																																
1122 60TH PL																																
1106 60TH ST																																
1110 60TH ST																																
912 61ST ST																																
913 61ST ST																																
931 61ST ST																																
1020 62ND PL																																
1040 62ND PL																																
1108 62ND PL																																
1109 62ND PL																																
1112 62ND PL																																
1121 62ND PL																																
1125 62ND PL																																
1129 62nd PL																																
1133 62ND PL																																
1501 62ND ST																																
660 62ND ST																																
664 62ND ST																																
740 62ND ST																																
1418 62ND ST																																
1424 62ND ST																																
1430 62ND ST																																
1513 62ND ST																																
636 63RD ST																																
743 6TH ST			</																													









YEAR	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	TOTALS	AVERAGE		
3925 WASHINGTON																					1	1							2	0.10			
4004 WASHINGTON									1																			1		2	0.10		
4043 WASHINGTON																					1								1		0.05		
4129 Washington				1																													
4236 Washington												1																		1	0.05		
4620 WASHINGTON																							1						1		2	0.10	
4436 Washington												1																		1		0.05	
4533 WASHINGTON																													1		1	0.05	
4517 WASHINGTON																													1		1	0.05	
4822 WASHINGTON																													1		1	0.05	
4915 Washington	1																																
4925 WASHINGTON																					1										1	0.05	
5516 WASHINGTON										2																		1		3	0.15		
5521 Washington										1																					1	0.05	
5525 Washington												1																				1	0.05
5529 WASHINGTON																						1	1								2	0.10	
5533 Washington										1																					1	0.05	
5537 WASHINGTON																	1														1	0.05	
5541 WASHINGTON										1													1								2	0.10	
15 N Washington																															1	0.05	
28 N WASHINGTON												1																			1	0.05	
24 N WASHINGTON																	1														1	0.05	
123 N WASHINGTON									1	2		1										1	1								6	0.30	
128 N WASHINGTON										2																					1	0.05	
302 N Washington																															2	0.10	
305 N Washington																																	
307 N Washington												1																				1	0.05
307 N WASHINGTON									1	4																					7	0.35	
309 N WASHINGTON																				1											1	0.05	
418 N WASHINGTON																													2		2	0.10	
420 N WASHINGTON									2	1																		2		1	6	0.30	
516 N WASHINGTON																															1	0.05	
524 N WASHINGTON																												2		1	1	0.05	
321 N WASHINGTON									1	2													1								5	0.25	
4009 N Washington																															1	0.05	
4015 N WASHINGTON	1									1			1															1	1		6	0.30	
4016 N WASHINGTON																															1	0.05	
4017 N WASHINGTON										1																					2	0.10	
4121 N WASHINGTON																						1									1	0.05	
132 S WASHINGTON																												2			2	0.10	
5630 WEBSTER																							1								1	0.05	
5701 WEBSTER																																	
5704 WEBSTER									1	1	1		1																		4	0.20	
5708 WEBSTER																						1									2	0.10	
5718 WEBSTER																						1	1								3	0.15	
5712 WEBSTER																	1														1	0.05	
5700 WEBSTER																															2	0.10	
5705 WEBSTER																	1														2	0.10	
5717 WEBSTER																							1	1							3	0.15	
5804 WEBSTER																												1			2	0.10	
5910 WEBSTER																															2	0.10	
5920 WEBSTER																															1	0.05	
6911 WEBSTER																																	
6920 WEBSTER																																1	0.05
6930 WEBSTER																													1		4	0.20	
7232 WEBSTER																																1	0.05
4043 WEST END																															1	0.05	
4113 WEST END																																1	0.05
4123 WEST END																																1	0.05
4133 WEST END																															2	0.10	
116 N West End									1																						1	0.05	
120 N West End												1																			2	0.10	
124 N WEST END																															1	0.05	
428 WHITE LN																															1	0.05	
207 WHITE FAWN																																1	0.05
3800 Wilcox																																1	0.05
1408 WILLARD																																1	0.05
4022 Williams																																1	0.05
4119 WILLIAMS																															2	0.10	
101 S WILLIAMS										1	3																					6	0.30
205 S WILLIAMS																																1	0.05
4636 WILSON										1	1																				2	0.10	
TOTAL	41	2		9	1	2	3	9	58	101	0	45	7	2	0	0	61	7	5	40	119	149	2	5	11	0	24	131	0	767	38.35		

Date of Backup	Name of Caller	Address	Street
1/11/2017	Eubanks, Robert#2	33	S. Park
1/17/2017	Peter/ARCO Plumbing	6022	Osage
3/17/2017	Village of Downers Grov	3000	Oak Grove
4/15/2017	DuBois, Chris	4409	Prospect
4/26/2017	Gaucyte, Asta	2109	Inverness
6/14/2017	Cheasure, Tim	4520	Prince
7/7/2017	Andy-Air Planet Homes	55	W. Fifty Seventh
9/5/2017	Phistry, Tom#2	237	W. Fifty Seventh
12/23/2017	O'Rourke, Jennifer & Se	124	N Park

Date of Backup	Name of Caller	Address	Street
1/3/2017	Van Dyke, Donald & Dorothy	1401	Concord Pl
1/3/2017	Walton, Calvin	3140	Saratoga
1/4/2017	Borkowski, John	6501	Wells
1/13/2017	Ligmanowski, Robert	1031	Grove
1/14/2017	Lang, Allison	5832	Raintree
1/16/2017	Scrima, Madelyn	4425	Stonewall
1/17/2017	Panek, Frank	4440	Lee
1/18/2017	Crosby, Theresa	5713	Hillcrest
1/19/2017	Cunningham, Dan	76	Ogden
1/20/2017	Kahl, Robert	235	Robinson
1/20/2017	Chen, Daniel	658	Ogden
1/21/2017	Kahl, Robert#2	235	Robinson
1/23/2017	Murphy, Frank	4104	Forest
1/23/2017	Piemonte, Anthony	6700	Meadowcrest
1/23/2017	Fennell, Brian	111	W. Traube
1/23/2017	Reynolds, Jean	4934	Seeley
1/25/2017	Delany, Carol	6718	Meadowcrest
2/3/2017	Ponisciak, Steve	5741	Washington
2/7/2017	Rodriguez, Jeff	6767	Valley View
2/8/2017	Colletti, Julie	6005	Grand
2/9/2017	Kenah, Eileen	700	Prairie
2/10/2017	Kowalczyk, Jim	4708	Woodward
2/11/2017	Nicatas, Brian	4934	Bryan
2/12/2017	Black, David	1016	Lincoln
2/23/2017	Imbrogno, Louis	748	Ogden
2/24/2017	Yoho, Ryan	1441	Golden Bell
2/27/2017	Helt, Jim	424	Fifty Seventh
2/28/2017	Lipper, Marty/Ed	12	James
3/1/2017	Carmignani, Anthony	3918	N. Lincoln
3/1/2017	Sharkey, Susan	5921	Washington
3/1/2017	Yoho, Amanda	1441	Golden Bell
3/1/2017	Honaker, Katelyn	4029	Douglas
3/1/2017	Ames, Dustin	5431	Florence
3/4/2017	Lusher, Randy	5430	Washington
3/14/2017	Davis, Herman	100	W. Chicago
3/24/2017	Ryer, Greg	5804	Washington
3/25/2017	Munson, Linda	135	Saddle Brook
3/26/2017	Peinado, Isabel	4716	Lee
3/27/2017	Gabry, Brandon	4536	Main
3/28/2017	Bellich, Ben	6421	Barrett
3/28/2017	Jespen, Richard	606	Claremont
3/28/2017	Harmon, Logan	4129	Forest
3/29/2017	Tran, Christiana	319	N. Park

Date of Backup	Name of Caller	Address	Street
3/29/2017	Radochonski, Lee	6831	Meadowcrest
3/29/2017	Feltz, Shannon#2	1916	Hitchcock
3/29/2017	DesJardins, Janice	4031	N. Washington
3/30/2017	Owens, Timothy#2	1248	Maple
4/3/2017	Pucek, Eric	4424	Woodward
4/4/2017	Gabry, Brandon#2	4536	Main
4/6/2017	Post, Keith	4516	Lee
4/6/2017	Stolt, Carol	2	Prairie
4/7/2017	Koprowski, Ken	1122	Franklin
4/14/2017	Soresi, Francis & Thelma	4439	Wilson
4/15/2017	Mycezk, Jim	1109	Sixty Second
4/18/2017	Nyssen, Melissa	900	Fifty Ninth
4/26/2017	Colon, Yvette	408	Lindley
4/26/2017	Gregory, Randy	5425	Ashbrook
4/29/2017	Aimes, Stephanie	5431	Florence
4/30/2017	Sangala, Jim	1947	Curtiss
5/1/2017	Francy, Christina Daughter	1721	Taylor
5/3/2017	Dist. 58, Jeff	3915	Highland
5/5/2017	Shilkaitis, Eugene	6001	Fairview
5/10/2017	Shaw, Mike	4121	N. Washington
5/17/2017	Nelson, Diana	13	W. Quincy
5/17/2017	Pluard, Brian	240	S. Lincoln
5/18/2017	Geiger, Lisa	755	Summit
5/20/2017	Stolt, Carol#2	2	Prairie
5/22/2017	Katsafanas, Nick	1307	Turvey
5/25/2017	KuprEwicz, Jerry	5943	Brookbank
5/26/2017	Ranquist, ED	1347	Turvey
5/30/2017	Domingo, Christine#3	4125	Main
5/31/2017	Lopez, Anthony	4014	Liberty
6/2/2017	Dire, Jeffrey	6910	Creekside
6/7/2017	Greg/VODG	4951	Fairview
6/8/2017	Spinney, Jim	4741	Cumnor
6/8/2017	Shee, David	4455	Woodward
6/12/2017	Weber, Kathy	4432	Elm
6/13/2017	Fanizzo, Vince	6713	Fairmount
6/19/2017	Petkus, Sue	1049	Grove
6/20/2017	Zuffa, Steve	244	Herbert
6/20/2017	Rhoades , Keith	4413	Prospect
6/20/2017	Wagner, Joe#2	344	S. Grant
6/20/2017	Kavanaugh, Denise	848	Fifty Fifth
6/24/2017	Gilbert, Cindy#3	240	Lincoln
7/3/2017	Karpowicz, Steve	4530	Forest
7/3/2017	Piekarski, Paul	3740	Candlewood

Date of Backup	Name of Caller	Address	Street
7/3/2017	Korthauer, Mary	3180	Venard
7/5/2017	Mandros, Matt	5728	Aubrey
7/6/2017	O'Brien, Tracy	6948	Meadow Crest
7/10/2017	Milojevich, Slavko	707	Doe
7/10/2017	Glitto, Dan	323	W. Traube
7/11/2017	Rhodes, Lance#4	723	Grant
7/11/2017	Rhodes, Lance#3	723	Grant
7/12/2017	Lopez, Juan	5623	Main
7/14/2017	Ruf, Jack	848	Sheridan
7/20/2017	Watling, Dave	504	Chicago
7/20/2017	Hayes	1917	Curtiss
7/20/2017	Lahey, James	5805	Webster
7/20/2017	Office took call, name not recorded	4105	Fairview
7/21/2017	Stephanski, Scott	301	Sheldon
7/22/2017	Reed, Charles	5825	Washington
7/25/2017	Southall, Aubrey	5401	Main
7/27/2017	Szoldatits, Frank	6751	Powell
7/27/2017	Stackowicz, Donna	330	N. Park
7/28/2017	Swanson, Wayne	702	Franklin
7/30/2017	Sallas, Diana	4323	Sterling
7/31/2017	Ronquillo, Bobby	4338	Saratoga
8/1/2017	Trinka, James	939/945	Burlington
8/3/2017	Orel, Darren	1707	Oxnard
8/5/2017	O'Reilly, Kevin & Joy	4224	Elm
8/7/2017	Lieson, Debbie	5604	Springside
8/7/2017	Taylor, Zack	4701	Belmont
8/7/2017	Marquez, Claudia	316	S. Adams
8/7/2017	Roge-Jimenez, Alyssa	29	Fifty Fifth
8/7/2017	Muslmani, Ghanem & Alawaj, Raza	27	Prairie
8/8/2017	Arbauer, Melissa	5504	Hillcrest
8/10/2017	Kothanek, Eric	5310	Lee
8/11/2017	Smith, Andrew	3737	Downers
8/15/2017	Streu, Paul	321	W Naperville
8/21/2017	Shawzi, Uzma	402	Sixty Sixth
8/28/2017	Brown, Linda	1010	Hickory
8/28/2017	Cozzi, Malyszko	5510	Dunham
9/4/2017	Zuffa, Steve#2	244	Herbert
9/5/2017	Ruopp, Margaret	4026	Earlston
9/6/2017	Ostrowski, Charlene	2136	Maple
9/9/2017	Ketola, Risty	4922	Florence
9/9/2017	Powers, Nancy	1142	Sixty Third
9/11/2017	Adams, Dennis	431	Gierz
9/12/2017	Feltz, Shannon#3	1916	Hitchcock

Date of Backup	Name of Caller	Address	Street
9/15/2017	Carmignani, Anthony#2	3918	N. Lincoln
9/21/2017	Emelia	4237	Lindley
9/26/2017	Adamski #4	5401	Blodgett
9/26/2017	Dennis, Rebecca	1961	Oxnard
10/2/2017	Barry, James	5700	Plymouth
10/8/2017	Lewis, Gretchen	4902	Washington
10/9/2017	Krick, Paul	1328	Maple
10/10/2017	Murphy, Janet	4932	Washington
10/11/2017	Blaha, Jodie	6800	Powell
10/13/2017	Gesior, Cheryl	4504	Linscott
10/14/2017	Brenza, Rory#2	1928	Curtiss
10/14/2017	Crosby, Teresa	5713	Hillcrest
10/14/2017	Ambrose, Lori	302	S. Hudson
10/15/2017	Ward, Alison	1040	Sixty First
10/15/2017	Veselik, John	101	W. Quincy
10/16/2017	Caporali, Mary Kay	36	N. Williams
10/16/2017	Hartigan, Alan	1131	Blanchard
10/16/2017	Leshin, Melissa	6606	Fairmount
10/16/2017	Haddad, George#2	335	S. Park
10/16/2017	Bailey, Mike	831	Jay
10/18/2017	Passi, Michael	821	Valley View
10/18/2017	Kundrick, Lindsey	346	W. Naperville
10/20/2017	Kumar	1211	Butterfield
10/20/2017	Wang, Lee	6115	Lane
10/20/2017	Martinec, Andre	416	Rogers
10/21/2017	Aguilar, Edna	2200	Midhurst
10/21/2017	Snowden, Raymond	2218	Oxnard
10/28/2017	O'Toole, Amy	1440	Wood
10/28/2017	Segeroth, Caryn	5712	Lyman
10/31/2017	Lehner, Dorene#2	6208	Fairmount
11/1/2017	Stack, Stan	4930	Puffer
11/7/2017	Reitsma, Ellen	3837	Sterling
11/8/2017	Lomax, Roger	4513	Florence
11/13/2017	Luft, Elizabeth	317	Fifth
11/13/2017	Taylor, Susan#3	1346	Turvey
11/15/2017	Coronado, Martha	1410	Butterfield
11/15/2017	Luvisi, George	5716	Aubrey
11/15/2017	Murray, Meghan	1835	Breasted
11/15/2017	Doty, Erin & Shawn	1655	Plum
11/18/2017	Midgley, Alison	120	West End
11/18/2017	Evans, Greg	4641	Saratoga
11/25/2017	Smith, Mark	1824	Darien Club
11/26/2017	Jagiello, Teresa	6514	Stair

Date of Backup	Name of Caller	Address	Street
11/27/2017	Mariano, Christina	5940	S. Cass
11/27/2017	Jagiello, Teresa#2	6514	Stair
11/29/2017	Petrillo, Tim#2	5517	Hillcrest
11/29/2017	Ponce, Patricia	4001	Liberty
11/29/2017	Grassman, Rick	5701	Washington
12/1/2017	Honaker, Garrett	4029	Douglas
12/3/2017	Read, Craig	309	Indianapolis
12/10/2017	Honaker, Katelyn#2	4029	Douglas
12/11/2017	Aponte, Ina	6505	Stair
12/12/2017	Nykiel, Beverly#2	5244	Blodgett
12/13/2017	Feltz, Shannon#4	1916	Hitchcock
12/14/2017	DeGraff, Jeffrey	6002	Osage
12/14/2017	Papineau, Pauline	203	Fifth
12/17/2017	Boylan, Merriman	431	Bunning
12/18/2017	Carlson, Desarez	240	Robinson
12/19/2017	Hoffman, Glen	840	Maple
12/19/2017	Lebata, Jeff	4825	Pershing
12/20/2017	Habel, Linda	5210	Fairview
12/22/2017	Haley, Mary Jane	4717	Saratoga
12/24/2017	Phillips, Bernadette	4152	Longmeadow
12/26/2017	Force, David	6801	Valley View
12/27/2017	Gadzala, Frank	912	Sixty Seventh
12/27/2017	Del Perci, Bella#2	1450	Dickson
12/27/2017	Boylan, Merriman#2	431	Bunning
12/27/2017	Durfey, Dale	6541	Terrace
12/29/2017	Halik, Ann	18	N. Hudson
12/29/2017	Hubney, Jim	311	W. Chicago
12/29/2017	Anderson, Ingmar	240	Shady
12/30/2017	Dennison, Scott	3537	Venard
12/30/2017	Conrad, Rick	4100	Washington

Downers Grove Sanitary District		2018									
Sewer System Manpower Planning											
		SSET					Production	Production	Annual		
	<u>Dwayne</u>	<u>Alan</u>	<u>Todd</u>	<u>Angel</u>	<u>Jose</u>	<u>Total</u>	<u>Rate</u>	<u>Unit</u>	<u>Production</u>		
<b><u>Available hours*</u></b>											
Gross hours per year	1950	1950	1950	1950	1950	9750					
Vacation	195.5	222	176	104	40	737.5					
Personal leave	15	15	15	15	15	75					
Holiday	75	75	75	75	75	375					
Sick	22.5	22.5	22.5	22.5	22.5	112.5					
Training	15	15	15	15	15	75					
Net hours per year	1627	1600.5	1646.5	2181.5	2117.5	8375					
<b><u>Tasks</u></b>											
JULIE	90	220		415	415	1140	2.5	locate	2,850	locates/yr	
BSSRAP initial TV	25	100		165	165	455	0.4	address	182	addresses/yr	
I/I insp		100		100	100	300	0.4	address	120	addresses/yr	
Main sewer clean	563	188		180	180	1111	266.43	lf	296,004	lf/yr	
Main sewer PM clean	300	200		200	200	900	134.03	lf	120,627	lf/yr	
Main sewer TV	190	190		190	190	760	133.323	lf	101,325	lf/yr	
Clean plant/lift stations	160	50		50	50	310					
Grease trap inspections						0	1	insp	0	insp/yr	
Manhole inspections	50	150		150	150	500	1	insp	500	insp/yr	
Paperwork	200	200		200	200	800					
Flow Meter Upload		45	45	85	85	260	2	upload	520	uploads/yr	
Flow Meter Relocation	30	70	60	65	65	290	0.176	relocations	51	relocations	
Lucity Data Base			740			740					
BSSRAP(office)			400			400					
GIS			400			400					
Total hours	1608	1513	1645	1800	1800	8366					
Remaining hours	19	87.5	1.5	381.5	317.5	9	Backup Calls/Emergency JULIE/Sinkhole/Other				
* - Based on 7.5 working hours per day.											

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

DATE: January 8, 2018

TO: Nicholas Menninga  
General Manager

FROM: Robert Swirsky  
Sewer System Maintenance Supervisor

RE: 2018 Collection System Work Plan

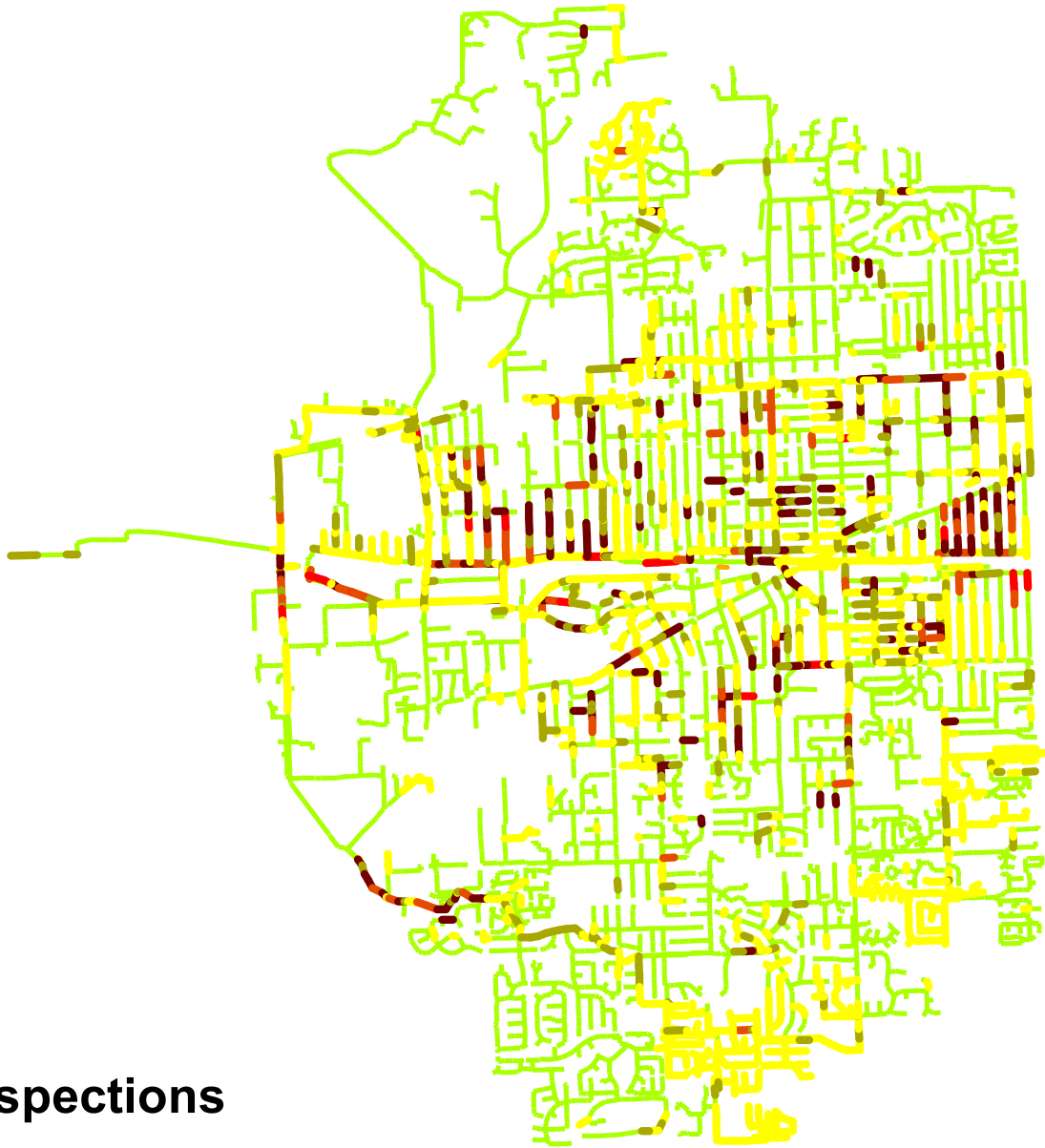
Proposed work on the collection system for 2018

1. Regular cleaning of 296,436 feet of sewers with diameter 21 inches or smaller (4 year cycle). Sewer areas 1L, 1M, 1N, 2C, 2D, 2E, 2F, 2G, G1, G2, G3, G4, G5, G6, W1 and annual cleaning of all siphons.
2. Pursue the possibility of contract cleaning and televising utilizing the MPI contract.
3. Continue to heavy clean main sewers on the PM. List every 6 months (approximately 37,577 feet), and every 3 months (approximately 5,408 feet).
4. Continue annual monitoring and heavy cleaning if needed of 3,974' of 18" and 30" main sewer in the Denburn Woods and Gilbert Park area.
5. Televis 100,000 feet of main sewers (12 year cycle).
6. Continue the regular metering of the 50 basins for 9 weeks per basin (3 year cycle).
7. Continue the inspection of private property under the Private Property Infiltration and Inflow (I&I) Removal Program in the targeted basins.
8. Continue the Building Sanitary Service Repair Assistance Program including the removal of identified I/I sources within these buildings.
9. Televis and locate 500 building services for the Private Property I/I Removal Program, Building Sanitary Service Repair Assistance Program and the Cost Reimbursement Program for the installation of Overhead Sewers or Backflow Prevention Devices.
10. Inspect 500 buildings for I/I sources for the above programs.
11. Inspect 300 district manholes (20 year cycle)
12. Utilize flow meter data and other district records to prioritize main sewers for repair or rehabilitation in accordance with the I/I Removal and Sewer System Rehabilitation Policy.
13. Continue the replacement of mainlines in the alleys in the 1K-028 I&I removal target basin.

14. Utilize the Lucity software and other district records to prioritize main sewers for repair or rehabilitation in accordance with the I/I removal and Sewer system Rehabilitation Policy.
15. Continue updating records and correcting errors in GIS and Lucity.
16. Continue to assist at the treatment plant and lift stations with maintenance and other tasks where the use of the Vac-Con is beneficial.

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








# Mainline PACP TV Status



## Legend

### PACP Inspections

**Total PACP TV = 443,590 Ft.**

-  Failure unlikely in the foreseeable future - 265,328 Ft.
-  Pipe unlikely to fail for at least 20 years - 74,476 Ft.
-  Pipe may fail in 10 to 20 years - 49,336
-  Pipe will probably fail in 5 to 10 years - 35,989
-  Pipe has failed or will fail within the next 5 years - 17,576
-  PACP Observations Entered in Database - 1902 sections = 32.9% of Total Mains
-  Total District Sanitary Mainlines - 1,347,538 - Ft.

Downers Grove Sanitary District  
Flow Monitoring Program

I/I Ranking Summary - Highest I/I to Lowest I/I

Manhole Number	Group	Region	Through November 2016		Through December 2015		Through July 2015		Through July 2014		Through October 2012	
			Average I/I	Rank 1 = Highest I/I	Average I/I	Rank 1 = Highest I/I	Average I/I	Rank 1 = Highest I/I	Average I/I	Rank 1 = Highest I/I	Average I/I	Rank 1 = Highest I/I
2-D-16	C	Central	29.21	1	29.21	3	29.21	3	26.16	4	23.57	3
W-1-4	M	Hobson	27.67	2	27.67	4	27.67	4	27.67	3	27.67	1
W-2-3	M	Hobson	23.31	3	23.31	5	23.31	6	23.57	5	23.31	4
G-1-15	B	Central	22.92	4	22.92	6	22.92	7	23.31	6	22.22	7
W-1-12	M	Hobson	22.56	5	22.56	7	22.56	8	22.56	9	22.56	5
1-L-19-1	H	Central	22.02	6	29.27	2	29.27	2	29.27	2	27.62	2
1-M-8	H	Central	21.67	7	21.67	8	24.21	5	22.92	7	20.71	9
1-G-18	I	Central	21.28	8	21.28	9	21.28	9	21.28	10	22.23	6
2-C-25	C	Central	20.50	9	20.50	10	20.50	10	20.10	11	19.48	11
1-J-9	A	Central	19.07	10	19.07	12	19.07	12	8.33	65	7.90	61
1-K-10	A	Central	17.54	11	17.54	13	17.54	13	19.48	12	17.54	12
1-G-35	H	Central	16.87	12	20.10	11	20.10	11	22.64	8	20.10	10
1-A-3	K	Central	16.56	13	16.56	14	16.56	14	17.54	13	16.56	13
W-2-15	M	Hobson	16.44	14	16.44	15	16.44	15	16.56	14	16.44	14
1-F-9	I	Central	16.35	15	16.35	16	16.35	16	16.44	15	13.95	22
N-1-38	E	Northwest	16.30	16	16.30	17	16.30	17	16.35	16	16.30	15
G-2-1	B	Central	16.21	17	16.21	18	16.21	18	16.30	17	13.64	24
1-E-38	I	Central	15.58	18	15.58	19	15.58	20	15.75	21	15.58	18
1-M-15	H	Central	15.15	19	15.48	20	15.68	19	16.21	18	11.73	33
2-G-5	C	Central	14.95	20	14.95	21	14.95	21	16.10	19	15.76	16
2-D-4	C	Central	14.90	21	14.90	22	14.90	22	15.58	22	14.47	19
V-1-15	O	Northwest	14.58	22	14.58	23	14.58	23	15.76	20	15.75	17
N-1-3	E	Northwest	14.13	23	14.13	24	14.13	24	14.27	24	14.13	21
1-L-12R	B	Central	14.11	24	14.11	25	14.11	25	14.13	25	12.60	28
E-1-14	O	Central	14.04	25	14.04	26	14.04	26	14.47	23	14.18	20
N-1-25	E	Northwest	13.71	26	13.71	27	13.71	27	14.11	26	13.71	23
1-K-28	A	Central	13.54	27	38.47	1	38.47	1	42.14	1	22.02	8
1-H-4	H	Central	13.34	28	13.34	28	13.34	28	13.71	27	13.34	25
1-G-5	A	Central	12.62	29	12.62	30	12.62	30	13.34	28	12.93	26
B-1-000	E	Northwest	12.52	30	12.52	31	12.52	31	12.85	30	12.52	29
C-1-000	L	Hobson	12.41	31	12.41	32	12.41	32	12.52	31	12.41	30
V-4-2	N	Central	12.27	32	12.27	33	12.27	33	12.31	33	8.40	54
L-1-111	N	Central	12.09	33	12.09	34	12.09	34	12.27	34	8.33	58
1-N-11	A	Central	11.93	34	11.93	35	11.93	35	12.41	32	12.31	31
G-3-11	B	Central	11.66	35	11.66	36	11.66	36	12.06	36	8.27	59
C-1-5	L	Hobson	11.60	36	11.60	37	11.60	37	11.66	37	11.60	34
E-1-26	O	Central	11.57	37	11.57	38	11.57	38	12.09	35	12.06	32
2-F-1	C	Central	11.22	38	11.22	39	11.22	40	10.15	45	10.13	43
2-A-8	L	Central	10.64	39	10.64	40	10.64	42	11.15	40	10.64	38
L-1-000	N	Central	10.53	40	10.53	41	10.53	43	10.64	41	10.53	39
V-3-13	N	Central	10.46	41	10.46	42	10.46	44	10.53	42	10.45	41
V-2-31	O	Northwest	10.22	42	10.22	43	10.22	45	9.39	54	9.14	45
L-1-33	N	Central	10.22	43	10.22	44	10.22	46	10.46	43	4.94	111
1-G-46	A	Central	10.14	44	10.14	45	10.14	47	10.22	44	10.15	42
L-1-13	N	Central	10.12	45	10.12	46	10.12	48	10.13	46	10.47	40
H-3-48	D	Hobson	10.08	46	10.08	47	11.35	39	11.60	38	11.35	35
G-5-15	B	Central	10.06	47	10.06	48	10.06	49	10.12	47	10.78	37
H-1-22	F	Hobson	10.06	48	7.39	79	7.39	79	7.47	73	7.39	69
W-2-7	M	Hobson	10.02	49	10.02	49	10.02	50	10.06	48	7.54	66
V-3-82	N	Central	9.88	50	9.88	50	9.88	51	9.89	50	9.00	46
W-1-30	M	Hobson	9.81	51	9.81	51	9.81	52	9.88	51	8.18	60
H-3-18	D	Hobson	9.73	52	9.73	52	11.15	41	11.35	39	11.15	36
1-G-14S	I	Central	9.56	53	9.56	53	9.56	53	9.81	52	8.92	47
1-J-16	A	Central	9.30	54	9.30	54	9.30	55	9.56	53	9.39	44
H-4-75	F	Hobson	9.22	55	12.85	29	12.85	29	13.27	29	12.85	27
1-M-12A	H	Central	9.14	56	9.11	55	9.43	54	10.02	49	4.77	115
2-F-2	C	Central	8.96	57	8.96	56	8.96	56	6.97	81	6.97	74
1-A-128	K	Central	8.90	58	8.90	57	8.90	57	9.14	55	8.90	48
G-4-4A	B	Central	8.89	59	8.89	58	8.89	58	8.90	56	8.89	49
1-B-2	J	Central	8.75	60	8.75	59	8.75	59	8.89	57	8.75	50
L-1-17	N	Central	8.66	61	8.66	60	8.66	60	8.75	58	5.75	97
1-C-50	K	Central	8.53	62	8.53	62	8.53	62	8.54	60	8.53	52
W-2-42	M	Hobson	8.48	63	8.48	63	8.48	63	8.53	61	8.48	53
1-B-10	J	Central	8.40	64	8.40	64	8.40	64	8.48	62	8.40	55
2-C-1	C	Central	8.35	65	8.35	65	8.35	65	5.63	105	5.63	100
W-1-65	M	Hobson	8.34	66	8.34	66	8.34	66	8.40	63	8.34	56
1-D-8	J	Central	8.33	67	8.33	67	8.33	67	8.34	64	8.33	57
G-6-2	B	Central	8.13	68	8.13	68	8.13	68	7.37	75	4.00	127
1-N-1A	A	Central	7.96	69	7.96	69	7.96	69	4.76	121	4.76	116
1-C-6	J	Central	7.80	70	7.80	70	7.80	70	7.90	66	7.80	62
1-J-14	A	Central	7.75	71	7.75	72	7.75	72	6.39	92	6.55	81
G-3-3	B	Central	7.73	72	7.73	73	7.73	73	7.19	76	7.68	65
G-5-28	B	Central	7.59	73	7.59	75	7.59	75	7.69	69	7.24	70
1-F-21S	I	Central	7.55	74	7.55	76	7.55	76	7.59	70	4.31	124
V-4-14	N	Central	7.47	75	7.47	77	7.47	77	7.55	71	6.24	89
1-K-2	A	Central	7.47	76	7.47	78	7.47	78	7.47	72	7.47	67
1-F-31	I	Central	7.37	77	7.37	80	7.37	80	7.39	74	6.44	84
2-E-5	C	Central	7.31	78	7.31	81	7.31	81	5.67	104	5.67	99
2-G-12	C	Central	7.14	79	7.14	82	7.14	82	6.28	94	6.28	88
W-1-2	M	Hobson	7.12	80	7.12	83	7.12	83	7.15	77	1.59	147
1-A-10	K	Central	7.05	81	7.05	84	7.05	84	7.05	78	7.05	71
H-7-9-7	G	Hobson	7.01	82	7.79	71	7.79	71	7.80	67	7.79	63
1-B-18	J	Central	6.74	83	6.74	87	6.74	88	6.74	85	6.74	78
G-4-12	B	Central	6.60	84	6.60	88	6.60	89	6.82	84	6.82	77
G-2-4	B	Central	6.58	85	6.58	89	6.58	90	6.55	86	7.43	68
H-3-12	D	Hobson	6.54	86	6.54	90	6.87	87	6.87	82	6.87	75
2-B-7	L	Central	6.45	87	6.45	92	6.45	92	6.46	88	6.45	83
1-C-2	K	Central	6.43	88	6.43	93	6.43	93	6.45	89	6.43	85
1-H-9	H	Central	6.39	89	6.39	94	6.39	95	6.40	91	6.58	80
3-B-1A	E	WWTC	6.36	90	6.36	95	6.36	96	6.36	93	6.36	87
1-J-3-1	A	Central	6.31	91	6.31	96	6.31	97	6.85	83	6.85	76
W-1-39	M	Hobson	6.25	92	6.25	97	6.25	98	6.25	95	6.67	79
H-2-6	F	Hobson	6.25	93	8.54	61	8.54	61	8.66	59	8.54	51
H-3-15	D	Hobson	6.21	94	6.21	98	6.09	100	6.09	97	6.09	91
2-A-1	L	Central	6.12	95	6.12	99	6.12	99	6.12	96	6.12	90
V-1-9	O	Northwest	6.08	96	6.08	100	6.08	101	5.96	101	5.96	95
N-1-76	E	Northwest	6.06	97	6.06	101	6.06	102	6.06	98	6.06	92
2-A-10S	K	Central	5.99	98	5.99	103	5.99	104	5.99	100	5.99	94
H-5-21-1	G	Hobson	5.93	99	6.01	102	6.01	103	6.01	99	6.01	93

Downers Grove Sanitary District  
Flow Monitoring Program

II Ranking Summary - Highest I/I to Lowest I/I

Manhole Number	Group	Region	Through November 2016		Through December 2015		Through July 2015		Through July 2014		Through October 2012	
			Average I/I Number	Rank 1 = Highest I/I	Average I/I Number	Rank 1 = Highest I/I	Average I/I Number	Rank 1 = Highest I/I	Average I/I Number	Rank 1 = Highest I/I	Average I/I Number	Rank 1 = Highest I/I
2-A-42	K	Central	5.85	100	5.85	104	5.85	105	5.85	102	5.85	96
H-2-15	D	Hobson	5.84	101	4.19	127	3.97	131	3.97	131	3.97	129
H-2-29	D	Hobson	5.73	102	5.73	106	6.40	94	6.43	90	6.40	86
H-7-26	G	Hobson	5.65	103	5.02	116	5.02	117	5.02	115	5.02	108
V-3-8R	N	Central	5.61	104	5.61	107	5.61	107	5.61	106	3.90	130
1-C-6S	J	Central	5.41	105	5.41	108	5.41	108	5.41	107	5.41	101
2-C-54	C	Central	5.40	106	5.40	109	5.40	109	4.01	129	4.01	126
V-4-34	N	Central	5.39	107	5.39	110	5.39	110	5.39	108	5.06	107
2-A-1S	L	Central	5.38	108	5.38	111	5.38	111	5.38	109	5.38	102
H-1-3	F	Hobson	5.35	109	7.69	74	7.69	74	7.79	68	7.69	64
2-A-10	K	Central	5.27	110	5.27	112	5.27	112	5.27	110	5.27	103
H-5-17	G	Hobson	5.21	111	4.55	124	4.55	126	4.55	125	4.55	121
1-D-4	J	Central	5.14	112	5.14	113	5.14	113	5.14	111	5.14	104
1-E-7	I	Central	5.13	113	5.13	114	5.13	114	5.13	112	5.13	105
G-5-2	B	Central	5.13	114	5.13	115	5.13	115	5.13	113	5.01	109
H-4-46	F	Hobson	5.09	115	6.46	91	6.46	91	6.53	87	6.46	82
1-G-22S	I	Central	5.01	116	5.01	117	5.01	118	5.01	116	4.72	117
H-6-5	D	Hobson	5.01	117	5.01	118	5.09	116	5.09	114	5.09	106
B-1-17	E	Northwest	4.97	118	4.97	119	4.97	119	4.97	117	4.97	110
H-1-17	F	Hobson	4.89	119	5.75	105	5.75	106	5.75	103	5.75	98
1-E-80	J	Central	4.79	120	4.79	121	4.79	121	4.79	119	4.79	113
V-1-000	O	Northwest	4.62	121	4.62	122	4.62	123	4.62	122	4.62	118
1-E-4S	J	Central	4.60	122	4.60	123	4.60	125	4.60	124	4.60	120
H-6-28C	D	Hobson	4.49	123	4.49	125	4.49	124	4.62	123	4.62	119
C-1-11	L	Hobson	4.48	124	4.48	126	4.48	127	4.48	126	4.48	122
2-C-10	C	Central	4.16	125	4.16	128	4.16	128	4.37	127	4.37	123
V-3-000	I	Central	4.13	126	4.13	129	4.13	129	4.13	128	4.13	125
B-1-35	E	Northwest	3.97	127	3.97	130	3.97	130	3.97	130	3.97	128
V-1-6	O	Northwest	3.81	128	3.81	131	3.81	132	2.98	136	2.98	134
3-A-2	E	WWTC	3.79	129	3.79	132	3.79	133	3.79	133	3.79	132
H-3-2-2	D	Hobson	3.74	130	3.74	133	4.78	122	4.78	120	4.78	114
1-E-6S	I	Central	3.71	131	3.71	134	3.71	134	3.71	134	3.71	148
3-A-8	E	Hobson	3.68	132	3.68	135	3.68	135	3.68	135	3.68	133
H-4-29	F	Hobson	3.56	133	7.02	85	7.02	85	7.02	79	7.02	72
H-7-17	G	Hobson	3.45	134	2.09	147	2.09	147	2.09	147	2.09	145
H-5-12	G	Hobson	3.45	135	2.65	141	2.65	141	2.65	141	2.65	138
H-7-6	G	Hobson	3.37	136	2.57	142	2.57	142	2.57	142	2.57	139
V-2-7	O	Northwest	3.15	137	3.15	136	3.15	136	3.81	132	3.81	131
V-1-17	O	Northwest	2.90	138	2.90	137	2.90	137	2.80	138	2.80	136
H-5-21-9	G	Hobson	2.78	139	2.76	139	2.76	139	2.76	139	2.76	137
1-G-28R	H	Central	2.73	140	2.73	140	2.73	140	2.73	140	2.20	143
H-7-30A	G	Hobson	2.57	141	2.88	138	2.88	138	2.88	137	2.88	135
H-2-99	F	Hobson	2.50	142	4.89	120	4.89	120	4.89	118	4.89	112
H-5-21-17	G	Hobson	2.43	143	2.42	143	2.42	143	2.42	143	2.42	140
H-7-9-47	G	Hobson	2.39	144	2.38	145	2.38	145	2.38	145	2.38	142
H-4-12	F	Hobson	2.38	145	2.38	144	2.38	144	2.38	144	2.38	141
H-5-2	G	Hobson	2.03	146	7.01	86	7.01	86	7.01	80	7.01	73
2-A-49	L	Central	1.75	147	1.75	148	1.75	148	1.75	148	1.75	146
V-3-21	N	Central	1.67	148	1.67	149	1.67	149	1.67	149	0.96	150
H-8-1	F	Hobson	1.31	149	2.10	146	2.10	146	2.10	146	2.10	144
E-1-000	O	Central	1.07	150	1.07	150	1.07	150	1.07	150	1.07	149

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

DATE: January 9, 2018

TO: Nicholas J. Menninga  
General Manager

FROM: Ted Cherwak  
Sewer Construction Supervisor

**RE: Sewer Construction Year End Summary – 2017**

The following is a brief summary of the construction activities that occurred in the past year:

**Permits:** The year 2017 saw an 15% increase in single family permits issued over the prior year (see Exhibit A). This increase was largely the result of the new Woodview Subdivision (near Hobson lift station) beginning construction. Single family tear downs and rebuilds continue to be a significant factor in new home construction within the District (see Exhibit B). This does provide for the replacement of old building sanitary sewer services with new PVC pipe and air tested services. This aids in the District's overall I/I reduction program. Over the last 20 years, 1193 building service sewers have been replaced, which represents 5.48% of the District's total number of building service connections. Also attached is the Annual Summary of Sewer Permits issued for the years 2013–2017 (see Exhibit C).

**Annexations:** Fifteen (13) parcels totaling of 14.41 acres were added to the Sanitary District from the 2017 annexations. Trunk Sewer Service Charges (TSSC) collected from annexations totaled \$96,422.00. Please find attached a summary of the parcels annexed into the Sanitary District in 2017 and a comparison of the last five years of annexations (see Exhibit D).

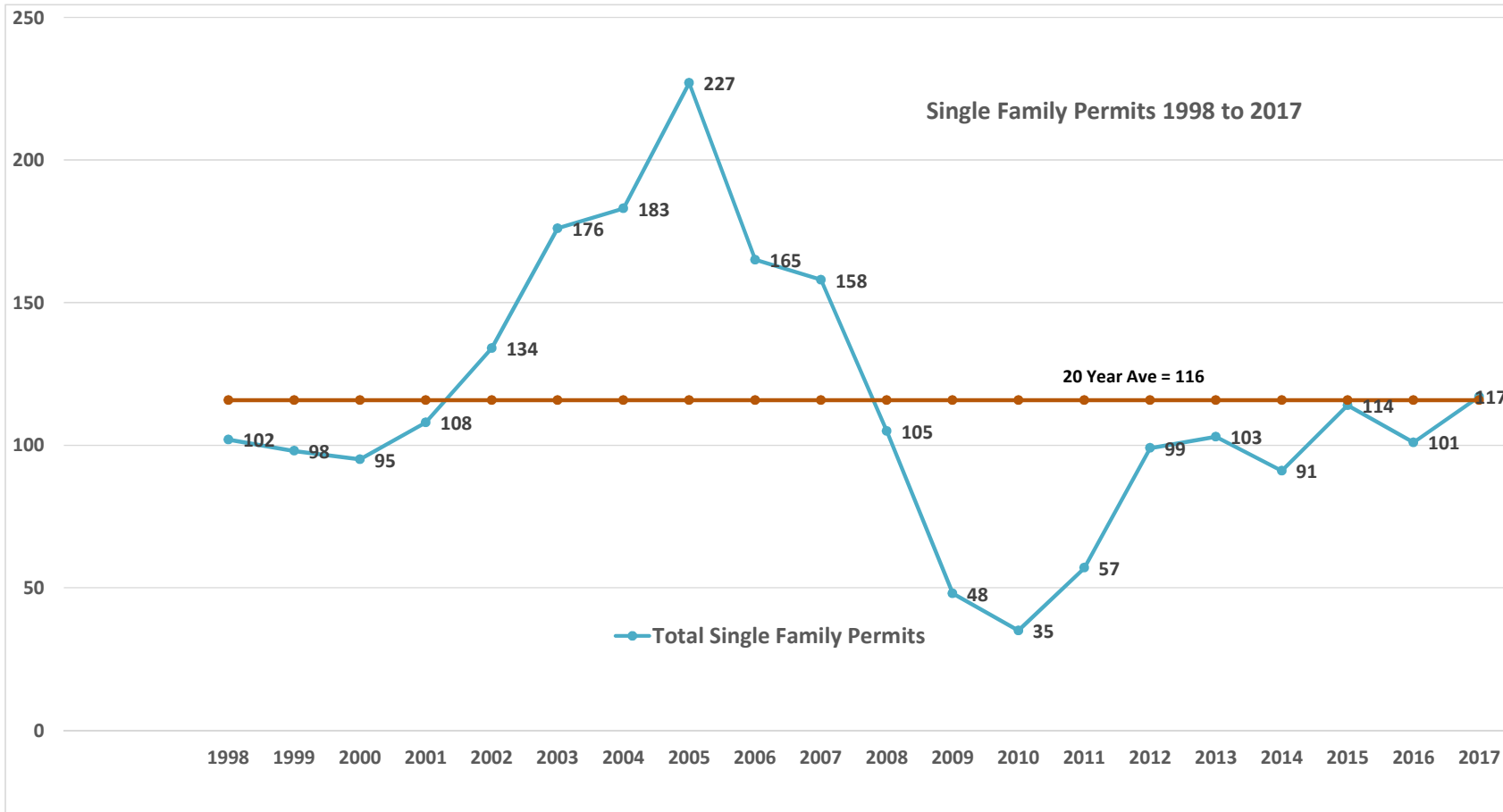
**Board of Local Improvements:** There were four BOLI meetings held in 2017, and they reviewed six proposed new developments. Five of these developments are now under construction.

**Illinois EPA Permits:** IEPA issued construction permits for eight new projects in the District, with an estimated wastewater flow totaling 636 PE (63,600 gallons per day).

**Public Sewer Main Construction:** There were 4 new public sewer mains project constructed in 2017, which added 2,464 lineal feet of sewer main and 14 manholes.

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

# Exhibit A



## SINGLE FAMILY PERMITS AVERAGES

5 YEAR AVERAGE (2013-2017)	105
10 YEAR AVERAGE (2008-2017)	87
20 YEAR AVERAGE (1998-2017)	116

## EXHIBIT B

### SINGLE FAMILY TEAR-DOWNS & RE-BUILDS

YEAR	TOTAL SF PERMITS	TEAR DOWN RE-BUILDS	% RE-BUILDS
1998	102	27	26.47%
1999	98	32	32.65%
2000	95	36	37.89%
2001	108	57	52.78%
2002	134	51	38.06%
2003	176	94	53.41%
2004	183	115	62.84%
2005	227	136	59.91%
2006	165	99	60.00%
2007	158	63	39.87%
2008	105	27	25.71%
2009	48	24	50.00%
2010	35	19	54.29%
2011	57	32	56.14%
2012	99	48	48.48%
2013	103	56	54.37%
2014	91	62	68.13%
2015	114	58	50.88%
2016	101	57	56.44%
2017	117	70	59.83%
<b>20-YEAR AVE</b>	<b>116</b>	<b>58</b>	<b>50.22%</b>

#### 20 YEAR SUMMARY:

TOTAL	SF PERMITS	RE-BUILDS	% RE-BUILDS
	2316	1163	50.22%

**EXHIBIT C DOWNERS GROVE SANITARY DISTRICT - SUMMARY OF SEWER PERMITS ISSUED**

YEAR	PERMIT TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
2017	SINGLE FAMILY	12	10	9	9	8	7	6	5	10	9	21	11	117
2017	MULTIPLE FAMILY	0	0	1	0	0	0	0	0	0	0	0	0	1
2017	COMMERCIAL	1	2	1	0	1	2	1	0	3	2	3	0	16
2017	REPAIR	0	0	0	1	0	0	0	2	0	1	0	0	4
2017	DISCONNECT	4	5	10	8	6	7	4	11	6	4	4	2	71
2017	TOTAL	17	17	21	18	15	16	11	18	19	16	28	13	209
2016	SINGLE FAMILY	7	6	17	10	10	6	6	11	6	8	8	6	101
2016	MULTIPLE FAMILY	0	0	0	0	0	0	1	0	0	1	0	0	2
2016	COMMERCIAL	2	1	2	0	1	1	0	0	3	1	3	1	15
2016	REPAIR	1	1	1	1	1	0	0	1	0	3	0	1	10
2016	DISCONNECT	3	5	4	8	4	5	5	10	5	6	11	5	71
2016	TOTAL	13	13	24	19	16	12	12	22	14	19	22	13	199
2015	SINGLE FAMILY	0	6	24	10	12	8	10	6	9	14	7	8	114
2015	MULTIPLE FAMILY	0	0	0	0	0	0	0	0	0	0	1	0	1
2015	COMMERCIAL	3	3	2	1	1	4	1	1	1	0	0	0	17
2015	REPAIR	1	1	2	1	1	0	0	2	0	2	1	1	12
2015	DISCONNECT	3	4	7	3	7	4	8	7	5	6	7	5	66
2015	TOTAL	7	14	35	15	21	16	19	16	15	22	16	14	210
2014	SINGLE FAMILY	2	4	8	8	7	13	9	7	8	10	11	4	91
2014	MULTIPLE FAMILY	0	0	0	0	0	0	0	1	0	0	0	0	1
2014	COMMERCIAL	2	0	0	3	4	2	0	1	2	1	1	0	16
2014	REPAIR	0	1	1	1	0	0	1	1	0	2	1	1	9
2014	DISCONNECT	3	4	3	4	4	10	6	6	9	5	7	1	62
2014	TOTAL	7	9	12	16	15	25	16	16	19	18	20	6	179
2013	SINGLE FAMILY	6	8	8	12	13	8	11	13	3	11	7	3	103
2013	MULTIPLE FAMILY	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	COMMERCIAL	1	1	0	3	1	2	0	0	1	3	0	0	12
2013	REPAIR	0	0	0	0	0	2	0	1	2	1	1	0	7
2013	DISCONNECT	3	5	1	6	7	8	8	3	3	6	3	6	59
2013	TOTAL	10	14	9	21	21	20	19	17	9	21	11	9	181

## Exhibit D

## 2017 Annexations

LOCATION	NAME	DATE	TSSC	PAID	APPROVAL	AO#	ACRES
140 60th St	Greenscape	12/06/16	\$4,605.00	01/12/17	02/14/17	2017-01	1.20
1114 Palmer	Greenscape	12/06/16	\$1,340.50	01/20/17	02/14/17	2017-02	0.32
1116 Palmer	Greenscape	12/06/16	\$1,340.50	01/20/17	02/14/17	2017-03	0.32
1018 Palmer	Greenscape	01/25/17	\$1,340.50	02/17/17	03/21/17	2017-04	0.32
4235 Venard	Conway	02/03/17	\$2,029.00	04/17/17	05/16/17	2017-05	0.51
1020 Palmer	Spohn Const	03/03/17	\$1,393.00	05/08/17	05/16/17	2017-06	0.29
5904 Leonard	Munro	06/12/17	\$1,393.00	06/29/17	07/18/17	2017-07	0.29
5602 Sherman	Rally Homes	08/21/17	\$3,980.00	09/06/17	09/26/17	2017-08	1.00
1112 Palmer	Greenscape	08/30/17	\$1,393.00	09/25/17	10/17/17	2017-09	0.32
Woodview Subdivision	M/I Homes	06/27/17	\$72,436.00	10/11/17	10/17/17	2017-10	8.60
4601 Cross	Ayers	09/06/17	\$2,385.50	10/05/17	11/21/17	2017-11	0.60
1020 Oxford	Greenscape	10/13/17	\$1,393.00	11/07/17	11/21/17	2017-12	0.32
1022 Oxford	Greenscape	10/13/17	\$1,393.00	11/07/17	11/21/17	2017-13	0.32
<b>Totals</b>			<b>\$96,422.00</b>				<b>14.41</b>

## Annexations Five Year Comparison

Year	2013	2014	2015	2016	2017
Number of Annexations	5	4	21	15	13
TSSC	\$7,055.14	\$7,000.50	\$227,858.00	\$26,786.00	\$96,422.00
Acres	1.79	1.92	28.94	5.89	14.41

**DOWNERS GROVE SANITARY DISTRICT**

**MEMO**

TO: Board of Trustees

FROM: W. Clay Campbell, Administrative Supervisor

DATE: January 11, 2018

RE: Operations Report – Contractor Insurance Requirements

Please find enclosed the Operations Report regarding staff's evaluation of the District's current contractor insurance requirements, statutory foundation for such requirements, and comparison with comparables found in the engineering specifications for larger District projects and several peer wastewater agencies that responded to a request for such information. Finally, staff has recommended several changes to the District's current contractor insurance requirements intended to bring such requirements more in line with current industry trends and comparable with peer agencies needing similar work performed by contractors.

cc: KJR, RTJ, MJS, NJM, MGP

Enclosure

## OPERATIONS REPORT – CONTRACTOR INSURANCE REQUIREMENTS

January 11, 2018

### Current District Requirements

The District's current contractor insurance requirements (attached as Exhibit A) were last reviewed in 2008 and are provided to contractors performing work for the District, both above and below the Sanitary District Act of 1917's bidding threshold. In instances where the scope of the project is substantial enough to warrant engineering design, the District utilizes Baxter & Woodman, Inc. (the District's engineer) to prepare specifications that incorporate contractor insurance requirements in accordance with engineering best practices and some consideration for tailoring to each specific project. A copy of the Baxter & Woodman's insurance requirements are attached as Exhibit B for your reference. The standard configuration is to use the general conditions section regarding insurance to refer the reader to the supplementary conditions section for the precise limits and types of coverage that a contractor must have.

### Statutory Support

Attached as Exhibit C is Section 9.2 of the Sanitary District of 1917. Subsection (b)(i) of this section (as highlighted) outlines the District's authority to secure or otherwise require insurance coverage when it contracts with "any special district, unit of government, person or corporation for the use of property or the performance of any function, service or act, to agree to the sharing or allocation of liabilities and damages resulting from such use of property or performance of function, service or act." This establishes very clearly the need for staff to periodically evaluate the insurance coverages and limits required of contractors performing work for the District.

### Proof of Coverage

In order for District staff to effectively evaluate whether a contractor complies with the District's insurance requirements, contractors are not issued a notice to proceed with work until they have provided staff with a Certificate of Liability Coverage that meets the District's requirements. Examples from four different contractors that regularly perform work for the District are attached as Exhibit D. A variety of contractors (Dahme Mechanical, McCahill Painting, Stewart Spreading and Windy City Skylights) were selected in order to demonstrate that there is a certain consistency found in most of the various coverages regardless of the variations in sizes of contractors or the work performed. It is safe to say that most of the contractors performing work for the District already have coverage limits well in excess of the District's existing limits and it is unlikely a disparate impact would be experienced by the District increasing its insurance requirements from current levels.

### Comparables Analysis

District staff reviewed the contractor insurance requirements from Baxter & Woodman as well as five other wastewater agencies throughout the state that responded to an informal request for information. Attached as Exhibit E is a table comparing the results of such analysis. Staff was able to conclude that there are certain areas across the board where the District would be better served by increasing some of its limits, or the coverages required or by increasing the level of specificity for the required coverage. For example, most of the surveyed agencies required \$1,000,000 per occurrence and \$2,000,000 in the aggregate for commercial general liability coverage (for both bodily injury and property damage) and required \$1,000,000 for a combined single limit of bodily injury and property damage for automobile public liability. As well, there was a consistent pattern of requiring employer's liability coverage in addition to what is required

statutorily for Workers Compensation coverage. At this time, the District only requires Workers Compensation coverage. Employer's liability coverage provides additional protection for the District in the event a contractor is negligent and its employees receive a work-related bodily injury (the costs of which then exceed the protections afforded under the Illinois Workers Compensation Act). Due to the variability in size and scope of work performed by the District's contractors (occasional sole proprietors), requiring umbrella coverage in addition to raising the other limits might be the one category that could noticeably increase contractors' premium insurance costs (which would likely then be factored into the District's costs to pay the contractor).

### Staff's Recommendation for Changes

After considering the above analysis, staff recommends making the following changes to our current contractor insurance limits:

- Raising the Commercial General Liability (for both bodily injury and property damage) limits to \$1,000,000 per occurrence and \$2,000,000 in the aggregate;
- Raising the Automobile Public Liability (for both bodily injury and property damage) limits to a combined single limit (between bodily injury and property damages) of \$1,000,000; and
- Requiring Employer's Liability coverage of \$1,000,000 per occurrence and in the aggregate.

In the course of making such changes, it would be recommended as well that staff revised the District's insurance requirements form to more clearly communicate these requirements to any potential contractors (a sample Certificate of Liability Coverage with the necessary limits could be provided as an attachment so that contractors could simply pass it on to their agent).

Staff is not looking for any official board action to be taken as a result of the above recommendations – rather a concurrence that staff should act to incorporate the recommendations above into its contractor insurance requirements and begin notifying contractors of the new requirements going forward.

**DOWNERS GROVE SANITARY DISTRICT - INSURANCE REQUIREMENTS**

The following insurance requirements must be met.

**RESPONSIBILITY FOR DAMAGE CLAIMS**

The Contractor shall indemnify and hold harmless the District, its officers and employees, from all suits, actions, or claims of any character brought because of any injuries or damages received or sustained by any person, persons, or property on account of the operations of the said Contractor; or on account of, or in consequence of, any neglect in safeguarding the work; or because of any claims or amounts recovered for any infringements or patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Workers' Compensation Act," or any other law, ordinance, order, or decree; and so much of the money due the said Contractor under and by virtue of his contract as shall be considered necessary by the District for such purposes, may be retained until such suit or suits, action or actions, claim or claims for injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the District.

**CONTRACTORS INSURANCE – AMOUNTS**

The Contractor's insurance shall be primary and non-contributory with any District insurance or self-insurance. The Contractor shall carry commercial general liability insurance in the amount of not less than \$1,000,000 per occurrence and per location.

The Contractor shall carry, during the life of this contract, Automobile Public Liability Insurance in amounts not less than \$250,000/\$500,000 and Property Damage Liability Insurance in the amount not less than \$100,000 on any motor vehicles engaged in operations within the terms of this contract.

The Contractor shall furnish to the District satisfactory proof of coverage of the above insurance requirements, including Worker's Compensation, by a reliable company or companies, before commencing any work. Such proof shall consist of certificates executed by the respective insurance companies and filed with the District. The Downers Grove Sanitary District must be named as an insured on said insurance certificates with respect to the work covered in the contract with the District. Said certificates shall contain a clause to the effect that, for the duration of the contract, the insurance policy shall be cancelled, expired or changed only after written notification 30 days in advance to the District and consent of the District. Said certificates must also indicate all deductibles applicable to the policies included on the certificates.

The Contractor shall require Sub-Contractors, if any, not protected under the Contractor's insurance policies, to take out and maintain insurance of the same nature and amounts as required by the Contractor.

be resumed by Contractor, either party may make a Claim therefor as provided in Paragraph 10.05.

- F. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefor as provided in Paragraph 10.05. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 7.
- G. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition: (i) was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be included within the scope of the Work, and (ii) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.G shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- H. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.H shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- I. The provisions of Paragraphs 4.02, 4.03, and 4.04 do not apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

## **ARTICLE 5 – BONDS AND INSURANCE**

### *5.01 Performance, Payment, and Other Bonds*

- A. Contractor shall furnish performance and payment bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all of Contractor's obligations under the Contract Documents. These bonds shall remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 13.07, whichever is later, except as provided otherwise by Laws or Regulations or by the Contract Documents. Contractor shall also furnish such other bonds as are required by the Contract Documents.

- B. All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the list of “Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies” as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All bonds signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual’s authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed each bond.
- C. If the surety on any bond furnished by Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 5.01.B, Contractor shall promptly notify Owner and Engineer and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the requirements of Paragraphs 5.01.B and 5.02.

#### 5.02 *Licensed Sureties and Insurers*

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Owner or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

#### 5.03 *Certificates of Insurance*

- A. Contractor shall deliver to Owner, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Owner or any other additional insured) which Contractor is required to purchase and maintain.
- B. Owner shall deliver to Contractor, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Contractor or any other additional insured) which Owner is required to purchase and maintain.
- C. Failure of Owner to demand such certificates or other evidence of Contractor's full compliance with these insurance requirements or failure of Owner to identify a deficiency in compliance from the evidence provided shall not be construed as a waiver of Contractor’s obligation to maintain such insurance.
- D. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor.
- E. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor’s liability under the indemnities granted to Owner in the Contract Documents.

#### 5.04 *Contractor's Insurance*

- A. Contractor shall purchase and maintain such insurance as is appropriate for the Work being performed and as will provide protection from claims set forth below which may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable:
1. claims under workers' compensation, disability benefits, and other similar employee benefit acts;
  2. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees;
  3. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees;
  4. claims for damages insured by reasonably available personal injury liability coverage which are sustained:
    - a. by any person as a result of an offense directly or indirectly related to the employment of such person by Contractor, or
    - b. by any other person for any other reason;
  5. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom; and
  6. claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.

**B. The policies of insurance required by this Paragraph 5.04 shall:**

1. with respect to insurance required by Paragraphs 5.04.A.3 through 5.04.A.6 inclusive, be written on an occurrence basis, include as additional insureds (subject to any customary exclusion regarding professional liability) Owner and Engineer, and any other individuals or entities identified in the Supplementary Conditions, all of whom shall be listed as additional insureds, and include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds, and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby;
2. include at least the specific coverages and be written for not less than the limits of liability provided in the Supplementary Conditions or required by Laws or Regulations, whichever is greater;
3. include contractual liability insurance covering Contractor's indemnity obligations under Paragraphs 6.11 and 6.20;

4. contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other additional insured identified in the Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the Contractor pursuant to Paragraph 5.03 will so provide);
5. remain in effect at least until final payment and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work in accordance with Paragraph 13.07; and
6. include completed operations coverage:
  - a. Such insurance shall remain in effect for two years after final payment.
  - b. Contractor shall furnish Owner and each other additional insured identified in the Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to Owner and any such additional insured of continuation of such insurance at final payment and one year thereafter.

#### 5.05 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 5.04, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.

#### 5.06 *Property Insurance*

- A. Unless otherwise provided in the Supplementary Conditions, Owner shall purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:
  1. include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee;
  2. be written on a Builder's Risk "all-risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than that caused by flood), and such other perils or causes of loss as may be specifically required by the Supplementary Conditions.
  3. include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);

1.5 ARTICLE 5 - BONDS AND INSURANCE

- A. SC-5.02 through 5.10
  - 1. Delete paragraphs 5.02 through 5.10, inclusive in their entirety and substitute the following:

5.02 Licensed Sureties and Insurers; Insurance Policies:

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Contractor shall be obtained from surety or insurance companies that are fully licensed or authorized in the jurisdiction in which the Project is located.

5.03 Certificates of Insurance and Endorsements to Insurance Policies:

- A. In addition to delivering certificates of insurance in accordance with SC paragraph 2.01.B, Contractor shall also deliver to Owner, with copies to each additional insured, copies of all endorsements to the insurance policies which Contractor is required to purchase and maintain in accordance with paragraphs 5.04 and 5.06. All certificates of insurance and endorsements must be found acceptable by the Engineer prior to the Agreement being signed by the Owner. Certificate of Insurance and endorsements shall be fully completed, signed and delivered in accordance with the requirements of Article 5. Samples of Certificate of Insurance Form, and Additional Insureds endorsements, acceptable to Owner, are included in Sections 00 62 16, 00 62 16.13, 00 62 16.16, 00 62 16.19 and 00 62 16.21. Other acceptable endorsements for general liability endorsements may include a combination of CG 20 10 and CG 20 37 endorsements. Endorsements or general liability endorsements shall not exclude supervisory and inspection services.

5.04 Contractor's Insurance:

- A. Contractor shall purchase and maintain such liability and other insurance as is appropriate for the Work being performed and furnished and as will provide protection from claims set forth below which may arise out of or result from Contractor's performance and furnishing of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed or furnished by Contractor, by any Subcontractor, or Supplier, by anyone directly or indirectly employed by any of them to perform or furnish any of the Work or by anyone for whose acts any of them may be liable:
  - 1. Workers' Compensation - Workers' Compensation in accordance with the laws of the State, but not less than:
    - E.L. \$500,000 each accident.
    - E.L. \$500,000 each employee.
    - E.L. \$500,000 policy limit.

2. **General Liability**
  - (a) Bodily Injury Liability and Property Damage Liability in an amount not less than \$1,000,000 each occurrence and a per project aggregate of not less than \$2,000,000.
  - (b) Above to include Premises Operations, Blanket Contractual Liability, Products/Completed Operations, Independent Contractors, Broad Form Property Damage, Personal Injury and "X", "C", and "U" Exclusions deleted.
3. **Automobile Liability**
  - (a) \$1,000,000 - Bodily Injury and Property Damage (Combined Single Limit).
  - (b) Coverage shall include hired and non-owned automobiles.
4. **Umbrella Liability** - Umbrella Liability coverage in an amount not less than \$3,000,000. Such coverage shall include, but not be limited to, excess coverage for the Workers' Compensation, General Liability, and Automobile Liability policies.

The policies of insurance so required by this paragraph 5.04 to be purchased and maintained shall:

5. Be furnished by insurers with A. M. Best Company rating of at least A-(Excellent), and a financial size category of VIII or greater.
6. With respect to general liability and umbrella liability insurance required by paragraph 5.04A, include as additional insured Owner, Engineer, and Engineer's Consultants, all of whom shall be listed on such policy by name as additional insureds through an endorsement thereto which provides for no different coverage to the additional insureds than to Contractor, and include coverage for the respective officers, directors, employees, agents and other consultants of each and any of such additional insureds. The additional insured endorsements shall provide the following:
  - (a) that the coverage afforded the additional insureds will be primary and non-contributory insurance for the additional insureds with respect to claims arising out of operations performed by or on behalf of the Contractor;
  - (b) that coverage afforded the additional insureds shall not exclude claims asserted by Contractor's employees;
  - (c) that if the additional insureds have other insurance which is applicable to the loss, such other insurance will be on an excess or contingent basis;
  - (d) that the amount of Contractor's liability under the insurance policy will not be reduced by the existence of such other insurance.
7. Include contractual liability insurance covering Contractor's indemnity obligations under paragraphs 6.07, 6.11, and 6.20, including, but not

limited to, all fees and charges of engineers, architects, attorneys and other professionals, and all court, arbitration, or other dispute resolution costs;

- 8. Remain in effect at least until final payment and at all times thereafter when Contractor may be correcting, removing or replacing defective work in accordance with paragraph 13.06; and
- 9. With respect to completed operations insurance remain in effect for at least two years after final payment (and Contractor shall furnish Owner and any other additional insured to whom an insurance policy has been furnished evidence satisfactory to Owner and any such additional insured of continuation of such insurance at final payment and one year thereafter).

5.05 Section Reserved.

5.06 Section Reserved.

5.07 Cancellation or Change:

All the policies of insurance required to be purchased and maintained by Contractor in accordance with paragraphs 5.04 and 5.06 shall contain a provision or endorsement that the coverage afforded will not be cancelled or materially changed or renewal refused until at least 30 days' prior written notice has been given to Owner, Engineer, and to each other additional insured to whom an insurance policy has been furnished.

5.08 Additional Insureds:

Additional insureds referenced in paragraphs 5.04, 5.06, and 5.07 shall be as follows:

- Owner: Downers Grove Sanitary District
- Address: 2710 Curtiss Street, Downers Grove, Illinois 60515
- Engineer: Baxter & Woodman, Inc.
- Address: 8678 Ridgefield Road, Crystal Lake, Illinois 60012
- Related Governmental Authority: Village of Downers Grove
- Address: 5101 Walnut Drive, Downers Grove, Illinois 60515
- Related Governmental Authority: Village of Westmont
- Address: 31 Quincy Avenue, Westmont, Illinois 60559
- Other Governmental Agencies: As required at work locations

1.6 ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES

A. SC-6.02.B

- 1. Under paragraph 6.02.B, add: The regular working hours are between 7:00 AM and 5:00 PM, Monday through Friday. In the event Contractor works more than eight hours on any weekday, or works anytime on Saturdays, Sundays, or holidays, during which time the Engineer, Resident Project Representative, or assistants are required to be present, Owner shall pay the cost for such overtime

EXCERPT FROM THE SANITARY DISTRICT ACT OF 1917

(70 ILCS 2405/9.2) (from Ch. 42, par. 308.2)

Sec. 9.2. In addition to the powers and authority now possessed by it, the board of trustees of any sanitary district organized under this Act shall have the power by majority vote:

(a) To use the general funds of the sanitary district to defend, indemnify and hold harmless, in whole or in part, the board of trustees, members of the board of trustees, officials and employees of the sanitary district, including former members of the board of trustees and former officials and employees, from financial loss and expenses, including court costs, investigation costs, actuarial studies, attorneys' fees and actual and punitive damages, arising out of any proceedings (including but not limited to proceedings alleging antitrust violations or the deprivation of civil or constitutional rights), claims, demands or judgments instituted, made or entered against such board, trustee, official or employee by reason of its or his statements, acts or omissions, provided that such statements, acts or omissions occur within the scope of employment of such board, trustee, official or employee; and provided, further, that no sanitary district shall elect to indemnify any member of the board of trustees, officer, or employee for any portion of a judgment representing an award of punitive or exemplary damages unless the statements, acts, or omissions giving rise to such judgment do not constitute wilful and wanton misconduct.

(b) (i) To obtain and provide for any or all of the matters and purposes described in paragraph (a) public officials' liability, comprehensive general liability and such other forms of insurance coverage as the board of trustees shall determine necessary or advisable, any insurance so obtained and provided to be carried in a company or companies licensed to write such coverage in this State, and (ii) to establish and provide for any or all of the matters and purposes described in paragraph (a) a program of self-insurance and, in furtherance thereof, to establish and accumulate reserves for the payment of financial loss and expenses, including court costs, investigation costs, actuarial studies, attorneys' fees and actual and punitive damages associated with liabilities arising out of civil proceedings, claims, demands or judgments instituted, made or entered as set forth in paragraph (a), and (iii) in connection with providing for any or all of the matters and purposes described in paragraph (a) and when permitted by law to enter into an agreement with any special district, unit of government, person or corporation for the use of property or the performance of any function, service or act, to agree to the sharing or allocation of liabilities and damages resulting from such use of property or performance of function, service or act, in which event such agreement may provide for contribution or indemnification by any or all of the parties to the agreement upon any liability arising out of the performance of the agreement.

If the board of trustees of any sanitary district organized under this Act undertakes to provide insurance or to establish a program of self-insurance and to establish and accumulate reserves for any or all of the matters and purposes described in paragraph (a), such reserves shall be established and accumulated for such matters and purposes subject to the following conditions:

- (1) The amount of such reserves shall not exceed the amount necessary and proper, based on past experience or independent actuarial determinations;
- (2) All earnings derived from such reserves shall be considered part of the reserves and may be used only for the same matters and purposes for which the reserves may be used;
- (3) Reserves may be used only: for the purposes of

## EXHIBIT C

making payments for financial loss and expenses, including actual and punitive damages, attorneys' fees, court costs, investigation costs and actuarial studies associated with liabilities arising out of civil proceedings, claims, demands or judgments instituted, made or entered as set forth in paragraph (a) in connection with the statements, acts or omissions of the board or of a trustee, official or employee of the board or the district which statements, acts or omissions occur while the board, trustee, official or employee is acting within the scope of its or his duties or employment and which statements, acts or omissions do not constitute wilful and wanton misconduct; for payment of insurance premiums; and for the purposes of making payments for losses resulting from any insured peril;

(4) All funds collected for the matters and purposes specified in subparagraph (3) above or earmarked for such matters and purposes must be placed in the reserves; and

(5) Whenever the reserves have a balance in excess of what is necessary and proper, then contributions, charges, assessments or other forms of funding for the reserves shall be appropriately decreased.

(Source: P.A. 85-782; 86-1307.)





# CERTIFICATE OF LIABILITY INSURANCE

**EXHIBIT D**

RCONSITT

DATE (MM/DD/YYYY)

7/20/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

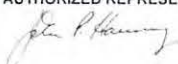
<b>PRODUCER</b> Mesirow Insurance Services, Inc. 353 N. Clark St 11th fl Chicago, IL 60654	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): (312) 595-6200      FAX (A/C, No):		
	<b>E-MAIL ADDRESS:</b> chc-inscerts@alliant.com		
<b>INSURED</b>  McCahill Painting Company 324 RocBaar Dr Romeoville, IL 60446-1169	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A :</b> Harleysville Insurance Company		<b>23582</b>
	<b>INSURER B :</b>		
	<b>INSURER C :</b>		
	<b>INSURER D :</b>		
	<b>INSURER E :</b>		

**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			MPA73886N	07/23/2017	07/23/2018	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000 \$ 100,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			BA73884N	07/23/2017	07/23/2018	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$			CMB73885N	07/23/2017	07/23/2018	EACH OCCURRENCE	\$ 5,000,000
							AGGREGATE	\$ 5,000,000
								\$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE    OTH-ER	
							E.L. EACH ACCIDENT	\$
							E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Downers Grove Sanitary District is included as an Additional Insured with respect to the General Liability, if required in a written contract or agreement with the Named Insured, as their interest may appear.

<b>CERTIFICATE HOLDER</b>  Downers Grove Sanitary District 2710 Curtiss Street P.O. Box 1412 Downers Grove, IL 60515	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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# CERTIFICATE OF LIABILITY INSURANCE

**EXHIBIT D**

DATE (MM/DD/YYYY)

6/22/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Esser Hayes Insurance Group 1811 High Grove, Suite 139 Naperville IL 60540-9100	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): 630-355-2077		FAX (A/C, No): 630-355-7996
	<b>E-MAIL ADDRESS:</b>		
<b>INSURED</b> STEWART Stewart Spreading Inc. 3870 N. IL Rte. 71 Sheridan IL 60551	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A:</b> Westfield Insurance Company		24112
	<b>INSURER B:</b> Tokio Marine Specialty Insurance Co		23850
	<b>INSURER C:</b> Alterra American Insurance Company		21296
	<b>INSURER D:</b>		
	<b>INSURER E:</b>		
<b>INSURER F:</b>			

**COVERAGES** **CERTIFICATE NUMBER:** 1655244415 **REVISION NUMBER:**


THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR VVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y		CAG4041753	6/28/2017	6/28/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED NON-OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> AUTOS			CAG4041753	6/28/2017	6/28/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$N/A			CAG4041753	6/28/2017	6/28/2018	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WCA4041338	6/28/2017	6/28/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$500,000 E.L. DISEASE - EA EMPLOYEE \$500,000 E.L. DISEASE - POLICY LIMIT \$500,000
B A C	POLLUTION MOTOR TRUCK CARGO EXCESS LIABILITY			PPK1480403 CAG4041753 MKLM30LE108351	4/14/2016 6/28/2017 6/28/2017	4/14/2018 6/28/2018 6/28/2018	LIMIT 5,000,000 \$500 DEDUCTIBLE \$25,000/VEHICLE LIMIT 5,000,000 PER OCC.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

PROJECT: 2016 DIGESTER 1 CLEANING  
 DOWNERS GROVE SANITARY DISTRICT, ITS TRUSTEES, OFFICERS, EMPLOYEES, ENGINEERS AND AGENTS ARE INCLUDED AS ADDITIONAL INSURED ON THE ABOVE GENERAL LIABILITY POLICY PER THE ATTACHED CG 2010 04-13 AND CG2037 04-13.

**CERTIFICATE HOLDER****CANCELLATION**

Downers Grove Sanitary District 2710 Curtiss Street PO Box 1412 Downers Grove IL 60515-0703	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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# CERTIFICATE OF LIABILITY INSURANCE

**EXHIBIT D**DATE (MM/DD/YYYY)  
12/28/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

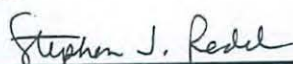
<b>PRODUCER</b> Redel Insurance Agency, Inc. 174 Clarkson Rd., #150 Ballwin MO 63011		<b>CONTACT NAME:</b> Sarah Molina <b>PHONE (A/C, No, Ext):</b> (636)394-7676 <b>E-MAIL ADDRESS:</b> sarah@redel.net <b>FAX (A/C, No):</b> (636)227-7035	
<b>INSURED</b>		<b>INSURER(S) AFFORDING COVERAGE</b>	
NATIONAL SKYLIGHT SOLUTIONS, LLC DBA WINDY CITY SKYLIGHTS 2747 CURTIS ST. DOWNERS GROVE IL 60515-4002		INSURER A: AMCO Insurance Company INSURER B: Ohio Security Insurance INSURER C: Allied Property & Casualty Insurance Company INSURER D: Ohio Casualty Insurance Company INSURER E: INSURER F:	NAIC # 19100 24082 42579 24074

**COVERAGES**                      **CERTIFICATE NUMBER:** EXP 01/02/2019                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			ACPLG07112495653	01/02/2018	01/02/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Schedule Mod Factor 1 \$
B	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> 19 <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			BAS58452510	01/02/2018	01/02/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist \$ 1,000,000
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			ACPCAA7112495653	01/02/2018	01/02/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 Over GL & EL Liab \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> <input type="checkbox"/> Y/N						<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER
	<b>OFFICER/MEMBER EXCLUDED? (Mandatory in NH)</b> If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	<input checked="" type="checkbox"/> <b>EXCESS LIABILITY</b> Occurrence Form			ESO58452510	01/02/2018	01/02/2019	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 Over Busn Auto Liab

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 DOWNERS GROVE SANITARY DISTRICT IS INCLUDED AS ADDITIONAL INSURED ON THE GENERAL LIABILITY POLICY WHEN REQUIRED BY WRITTEN CONTRACT.

<b>CERTIFICATE HOLDER</b>  DOWNERS GROVE SANITARY DISTRICT 2710 CURTISS ST. PO BOX 1412 DOWNERS GROVE IL 60515	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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**EXHIBIT E**

Agency	Commercial General Liability (Bodily Injury)	Commercial General Liability (Property Damage)	Automobile Public Liability (Bodily Injury)	Automobile Public Liability (Property Damage)	Workers Compensation	Employer's Liability	Umbrella
Baxter & Woodman Specifications	\$1,000,000 per occurrence / \$2,000,000 aggregate per project	\$1,000,000 per occurrence / \$2,000,000 aggregate per project	\$1,000,000 (combined single limit with property damage)	\$1,000,000	Greater of \$500,000 or Statutorily set Minimum Limits		\$3,000,000
<b>Downers Grove SD - Current</b>	<b>\$1,000,000 per occurrence and per location</b>	<b>\$100,000 per occurrence and aggregate</b>	<b>\$250,000 per occurrence / \$500,000 aggregate</b>	<b>\$250,000 per occurrence / \$500,000 aggregate</b>	<b>Statutorily set Minimum Limits</b>		
Fox River WRD	\$1,000,000 per occurrence / \$2,000,000 aggregate	\$1,000,000 per occurrence / \$2,000,000 aggregate	\$1,000,000 (combined single limit with property damage)	\$1,000,000	Statutorily set Minimum Limits		\$2,000,000 per occurrence and aggregate
Greater Peoria SD	\$2,000,000 per occurrence / \$4,000,000 aggregate	\$2,000,000 per occurrence / \$4,000,000 aggregate	\$1,000,000 (combined single limit with property damage)	\$1,000,000	Statutorily set Minimum Limits	\$2,000,000 per occurrence / \$4,000,000 aggregate	\$2,000,000 per occurrence / \$5,000,000 annual aggregate
Metropolitan WRD	\$1,000,000 per occurrence and aggregate	\$1,000,000 per occurrence and aggregate	\$1,000,000 per occurrence and aggregate	\$1,000,000 per occurrence and aggregate	Statutorily set Minimum Limits	\$1,000,000 per occurrence and aggregate	
North Shore WRD	\$1,000,000 per occurrence / \$1,000,000 annual aggregate	\$1,000,000 per occurrence / \$1,000,000 annual aggregate	\$250,000 per person / \$500,000 per occurrence (combined single limit of \$500,000)	\$100,000 per occurrence	Statutorily set Minimum Limits	\$100,000 (Bodily Injury per employee)	
Urbana-Champaign SD	\$1,000,000 per occurrence / \$2,000,000 aggregate	\$1,000,000 per occurrence / \$2,000,000 aggregate	\$1,000,000 (combined single limit with property damage)	\$1,000,000	Statutorily set Minimum Limits	\$1,000,000 per occurrence and aggregate	
<b>Downers Grove SD - Proposed</b>	<b>\$1,000,000 per occurrence / \$2,000,000 aggregate</b>	<b>\$1,000,000 per occurrence / \$2,000,000 aggregate</b>	<b>\$1,000,000 (combined single limit with property damage)</b>	<b>\$1,000,000</b>	<b>Statutorily set Minimum Limits</b>	<b>\$1,000,000 per occurrence and aggregate</b>	

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Ted Cherwak  
Sewer Construction Supervisor

DATE: January 9, 2018

RE: Annexation Ordinance No. AO 2018-01  
6333 Fairmount, Downers Grove

This annexation involves one lot for an existing single family home located at 6333 Fairmount. Service will be provided by connection to the existing sewer located on Fairmount as indicated on the attached location map. This project did not require BOLI action. This annexation does not need any right-of-way annexations to make the property contiguous. All tap fees, lateral service charges and trunk sewer service charges have been paid as required by ordinance.

Attachments

CC: KJR, RTJ, MJS, NJM, WCC & MGP

ANNEXATION ORDINANCE NO. A0 2018-01

BE IT ORDAINED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT, a body politic and corporate of DuPage County, Illinois:

WHEREAS, the provisions of Section 2405/23.4 of the Illinois Compiled Statutes, as made and provided, authorize the Trustees of any Sanitary District to annex any property which is not within the corporate limits of any sanitary district but is contiguous to a sanitary district, and which territory has been petitioned for annexation by the owners of record and the electors residing thereon, if any.

WHEREAS, the property hereinafter described is not within the corporate limits of any other Sanitary District, and is contiguous to the corporate limits of the DOWNERS GROVE SANITARY DISTRICT; and has been petitioned for annexation by the owners of record.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT that the following described property be and the same is annexed to the DOWNERS GROVE SANITARY DISTRICT, to-wit:

LOT 45 (EXCEPT THE EASTERLY 264.0 FEET, AS MEASURED AT RIGHT ANGLES, TO THE EAST LINE THEREOF) IN DOWNERS GROVE MEADOW LAWN – UNIT TWO, BEING A SUBDIVISION OF PART OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 38 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED APRIL 10, 1952 AS DOCUMENT NO. 648841, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 09-20-206-032

BE IT FURTHER RESOLVED that the Clerk of the DOWNERS GROVE SANITARY DISTRICT be and he is hereby authorized to file a copy of this Ordinance, together with an accurate map of the annexed territory, certified as correct by the Clerk of this District with the County Clerk of DuPage County, Illinois.

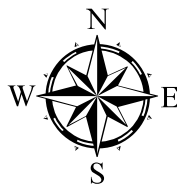
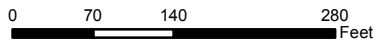
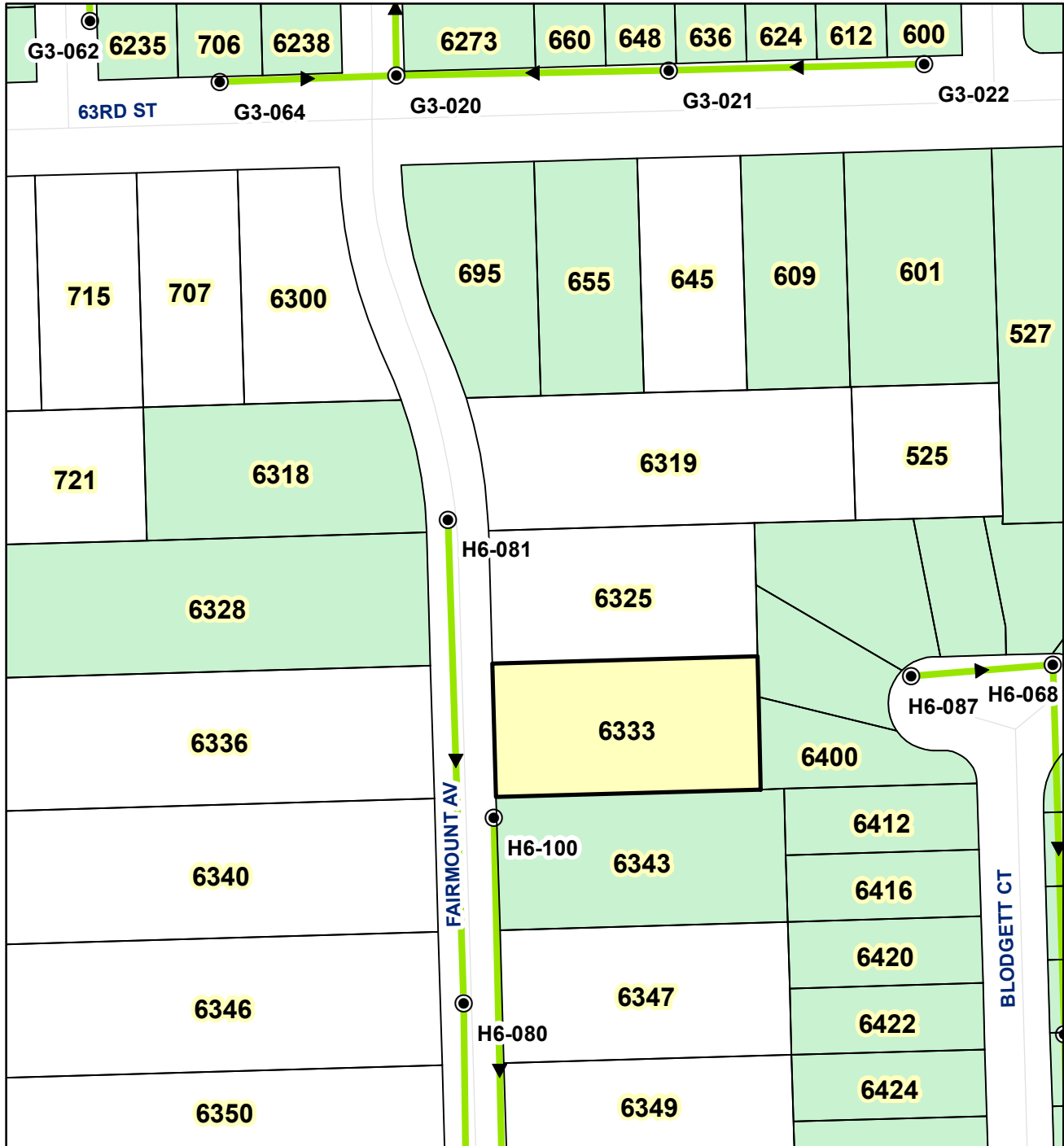
PASSED and APPROVED by the President and Board of Trustees of the DOWNERS GROVE SANITARY DISTRICT at their regular meeting held on the 16<sup>th</sup> day of January 2018.

\_\_\_\_\_  
President

ATTEST: \_\_\_\_\_  
Clerk

# AO 2018-01

## 6333 Fairmount



### Legend

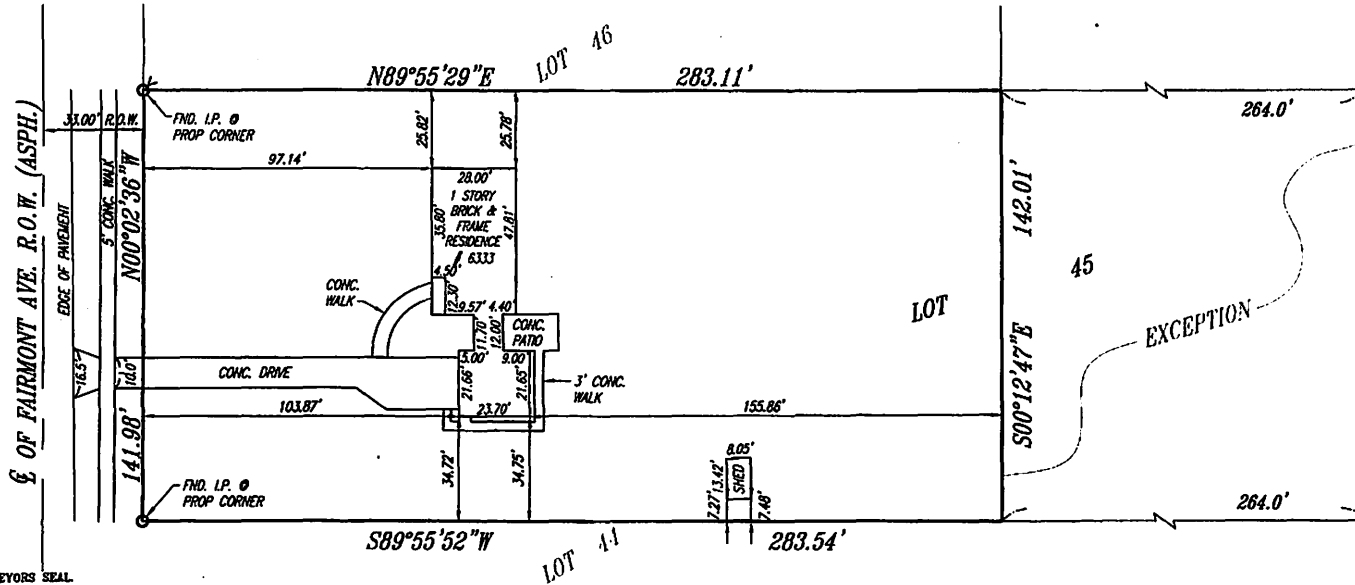
- AO 2018-01
- DGSD BOUNDARY
- Sanitary Manholes
- Sanitary Sewer

# PLAT OF SURVEY

OF

LOT 45 (EXCEPT THE EAST 264.00 FEET THEREOF) IN DOWNERS GROVE MEADOW LAWN-UNIT TWO, BEING A SUBDIVISION IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 38 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED APRIL 10, 1951 AS DOCUMENT NUMBER 648841, IN DuPAGE COUNTY, ILLINOIS.

AREA OF PARCEL: 40,230 S.F.



THIS SURVEY IS NOT VALID WITHOUT THE SURVEYORS SEAL.

COMPARE THE DESCRIPTION OF THIS PLAT WITH YOUR DEED, ABSTRACT OR CERTIFICATE OF TITLE; ALSO COMPARE ALL POINTS BEFORE BUILDING BY SAME, AND AT ONCE REPORT ANY DIFFERENCE.

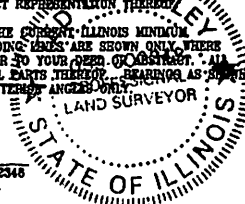
STATE OF ILLINOIS }  
COUNTY OF DUPAGE } S.S.

GENESIS SURVEY, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM, HEREBY CERTIFIES THAT THE PROPERTY DESCRIBED HEREON HAS BEEN SURVEYED UNDER OUR SUPERVISION AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION THEREOF.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. BUILDING LINES ARE SHOWN ONLY WHERE THEY ARE SO RECORDED ON THE MAPS. REFER TO YOUR DEED OR ABSTRACT. ALL DIMENSIONS ARE GIVEN IN FEET AND DECIMAL PARTS THEREOF. BEARINGS AS SHOWN ARE ASSUMED AND ARE SO INDICATED FOR INTEREST ANGLES ONLY.

DATED THIS 5th DAY OF JUNE, A.D. 2003

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2348  
LICENSE TO BE RENEWED NOVEMBER 30, 2004



PREPARED BY:		
GENESIS SURVEY, P.C. PROFESSIONAL DESIGN FIRM No. 184-002922 30W270 BUTTERFIELD ROAD, SUITE 105 WARRENVILLE, ILLINOIS 60555 PH (630) 636-0950 FAX (630) 636-0933		
COMMON ADDRESS: 6333 FAIRMONT AVE., DOWNERS GROVE, ILLINOIS		
JOB NUMBER: 03-187	SCALE 1" = 40'	DRAWN BY: J.T.C.
CLIENT: BINDER REALTY		
DATE OF FIELD WORK COMPLETION: 6-2-03		
REVISIONS:		

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: January 11, 2018

RE: Progress Report – December, 2017

ADMINISTRATIVE

Personnel

The District has extended offers to both applicants for the Electrical Technician and Inspector positions, both applicants accepted the offers and are currently completing the conditions related to the offers. We expect both applicants to start with the District by the end of January.

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

There was one backup at 124 N. Park Street, Westmont on December 22 resulting from a mainline blockage. Our sewer system technician was able to assess that the upstream manhole was surcharged due to roots, resulting in a small backup in the residence's basement floor drain. The root blockage was removed shortly thereafter. An updated summary is attached.

Safety Committee

The Safety Committee did not meet in December. The next meeting is anticipated for January.

Social Media/Public Outreach Progress

We will be presenting to 7<sup>th</sup> Grade Students at Herrick Middle School on Friday, January 19 on the liquids component of the District's wastewater treatment process.

Technology Update

Alyssa Caballero and I continue to have ongoing discussions with representatives from CityInsight to evaluate the feasibility and cost of offering customers additional web access to their account information, facilitating payment, payment history, smartphone notifications with District communications, etc. We should be able to determine in January if this is a viable project for the District.

Accounting Assistant Carly Shaw has been collecting various proposals from vendors on replacing the District's office copier. Our existing copier is six years old, is beginning to show signs of wear

and we have budgeted to replace it in the current fiscal year. We are expecting to be able to purchase a replacement copier at or below the currently budgeted figure of \$10,000.

Concentric Integration will begin working with staff in the next few months to implement a Mobile Device Management project that will enable staff to better protect and maintain all of the District's mobile electronic assets (smartphones and tablets). As we have expanded the use of such devices (due to operational efficiency and communication needs), we have identified the need to better protect them from viruses, malware and to preserve the District's ability to remote locate/remote lock/remote wipe these devices in the event they are lost or stolen.

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:	97
# of Customers paying their bills online in the last month:	857
Amount of Money processed through the Portal in the last month:	\$51,241.67
# of Customers signing up for Autopay through the Portal in the last month:	29
# of Customers enrolled in paperless billing in the last month:	41
# of customers registered for pay by text in the last month:	22
Cost to District for providing Invoice Cloud service in the last month:	\$227.40
Cost to District's customers (convenience fees) in the last month:	\$577.20
# of Customers registered from launch through last month:	2794
Total # of Transactions from launch through last month:	18,165
Amount of Money processed through the Portal from launch through last month:	\$1,027,574.11
# of Customers signing up for Autopay through the Portal from launch through last month:	650
# of Customers enrolled in paperless billing from launch through last month:	1,137
# of customers registered for pay by text from launch through last month:	581
Cost to District for providing Invoice Cloud service from launch through last month:	\$5,037.40
Cost to District's customers (convenience fees) from launch through last month:	\$25,504.83

## FINANCIAL

### Vehicle Purchases and Sale

We sold a 2007 Chevy Silverado on December 18 from a sealed bid sale opening on December 13 for \$7,226.

We are still in the process of selling the District's Atomic Absorption Spectrometer laboratory equipment.

### Annual Budget and Five-Year Plan

I continued working on budget preparation for FY18-19 for the Administration department and several other District-wide expenses.

### Treasurer's Report and Investment Activity

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

### User Billing

Detailed billing information is attached to this report.

### CODE ENFORCEMENT & UNSEWERED AREAS

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

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

### Sewer Permitting Process

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

cc: WDVB, ASK, PWC, KJR, RTJ, MJS, TTC, RPS, MRM, JPB, DRB, MGP

REIMBURSEMENT PROGRAM FOR SANITARY SEWER BACKUPS  
 CAUSED BY PUBLIC SANITARY SEWER BLOCKAGES

01/11/18

STREET ADDRESS	CITY	NAME	DATE OF BACKUP	DATE CLAIM RECEIVED	AMOUNT OF CLAIM	ADJUSTER RECOMMENDATION	AMOUNT PAID	DATE PAID	ADJUSTER FEE	STATUS
4064 STERLING ROAD	DOWNERS GROVE	KOEHLER	12/21/2015			TIME LIMIT FOR CLAIM EXPIRED.			0.00	CLOSED
4032 LONGMEADOW ROAD	DOWNERS GROVE	VICTOR	2/16/2016			TIME LIMIT FOR CLAIM EXPIRED.			0.00	CLOSED
4428 MIDDLEDAUGH AVENUE	DOWNERS GROVE	RABOVSKY (OWNER)	4/2/2016	7/21/2016	2500.00	PAYMENT SUGGESTED - \$2,500.00	2,500.00	8/10/2016	328.75	CLOSED
4428 MIDDLEDAUGH AVENUE	DOWNERS GROVE	MURRIN (TENANT)	4/2/2016			NO DAMAGE INCURRED TO TENANT'S PROPERTY			0.00	CLOSED
6536 BRIARGATE DRIVE	DOWNERS GROVE	ROOT (OWNER)	4/2/2016	7/14/2016	630.00	PAYMENT SUGGESTED - \$630.00	630.00	8/2/2016	240.50	CLOSED
6536 BRIARGATE DRIVE	DOWNERS GROVE	MIERS (TENANT)	4/2/2016			NO DAMAGE INCURRED TO TENANT'S PROPERTY			0.00	CLOSED
19 N. WASHINGTON ST.	WESTMONT	SHERIDAN	4/29/2016	5/4/2016	575.00	NO ADJUSTER - PLUMBER COSTS ONLY	575.00	5/12/2016	0.00	CLOSED
5401 BLODGETT AVENUE	DOWNERS GROVE	ADAMSKI	5/10/2016	6/1/2016	2500.00	PAYMENT SUGGESTED - \$2,500.00	2,500.00	6/2/2016	572.35	CLOSED
5527 FAIRMOUNT AVENUE	DOWNERS GROVE	BUIE (OWNER)	5/11/2016			PAYMENT SUGGESTED - \$2,500.00			424.93	CLOSED
5527 FAIRMOUNT AVENUE	DOWNERS GROVE	TONNARINI (TENANT)	5/11/2016			PAYMENT SUGGESTED - \$353.80			212.46	CLOSED
5527 FAIRMOUNT AVENUE	DOWNERS GROVE	FROST (TENANT)	5/11/2016			PAYMENT SUGGESTED - \$1,077.60			212.46	CLOSED
4821 BRYAN PLACE	DOWNERS GROVE	HASAN (TENANT)	7/28/2016			TIME LIMIT FOR CLAIM EXPIRED.			0.00	CLOSED
4821 BRYAN PLACE	DOWNERS GROVE	OWNER VIA PROP. MGMT	7/28/2016	8/29/2016	1573.18	PAYMENT SUGGESTED - \$1,573.18	1,573.18	12/15/2016	157.25	CLOSED
138 W. CHICAGO AVENUE	WESTMONT	O'CONNOR	8/27/2016	1/17/2017	5500.00	PAYMENT SUGGESTED - \$5,000.00	5,000.00	3/24/2017	231.25	CLOSED
826 MAPLE AVENUE	DOWNERS GROVE	WOOD	8/29/2016			TIME LIMIT FOR CLAIM EXPIRED.			454.60	CLOSED
4014 WILLIAMS STREET	DOWNERS GROVE	DZIADUS	11/18/2016			TIME LIMIT FOR CLAIM EXPIRED.				CLOSED
1122 60TH PLACE	DOWNERS GROVE	MILLER	11/29/2016	12/16/2016	1000.00	PAYMENT SUGGESTED - \$1,000.00	1,000.00	7/3/2017	249.75	CLOSED
628 S. ADAMS STREET	WESTMONT	JANULIS	12/3/2016			TIME LIMIT FOR CLAIM EXPIRED.				CLOSED
6022 OSAGE AVENUE	DOWNERS GROVE	SHEK	1/17/2017			TIME LIMIT FOR CLAIM EXPIRED.				CLOSED
4409 PROSPECT AVENUE	DOWNERS GROVE	DUBOIS	4/17/2017			TIME LIMIT FOR CLAIM EXPIRED.				CLOSED
4520 PRINCE STREET	DOWNERS GROVE	CHEAURE (TENANT)	6/14/2017			TIME LIMIT FOR CLAIM EXPIRED.				CLOSED
4520 PRINCE STREET	DOWNERS GROVE	DO (OWNER)	6/14/2017			TIME LIMIT FOR CLAIM EXPIRED.				CLOSED
124 N. PARK STREET	WESTMONT	O'ROURKE	12/22/2017							OPEN
TOTAL NUMBER OF BACKUPS			235							
TOTAL NUMBER OF CLAIMS RECEIVED			115							
TOTAL AMOUNT OF CLAIMS RECEIVED					\$151,511.55					
TOTAL AMOUNT OF CLAIMS PAID							\$81,486.53			
TOTAL AMOUNT PAID TO ADJUSTER									\$17,342.30	
AVERAGE AMOUNT OF CLAIM (MOST RECENT 24 MOS)					\$2,039.74					
AVERAGE AMOUNT OF PAYMENT (MOST RECENT 24 MOS)							\$1,968.31			
AVERAGE AMOUNT PAID TO ADJUSTER PER CLAIM (MOST RECENT 24 MOS)									\$192.77	

## USER BILLING SUMMARY

### User Charge System

Billings for December 2017 were as follows:

	User	\$274,189.51
	Surcharge	34,648.37
	Monthly fees	308,137.80
	Total	\$616,975.68
Summer Usage Adjustment		\$1,600.51
	Billable Flow	167,145,467
	Budgeted Billable Flow	153,208,092
	% Actual/Budgeted Billable Flow	109.10%
	YTD Billable Flow	1,506,130,946
	YTD Budgeted Billable Flow	1,395,855,559
	% Actual/Budgeted Billable Flow	107.90%

The user accounts receivable balance on 12/31/17 is \$623,270.09 and consists of:

	Current charges due 01/15/18	\$511,902.97
	Past due charges and penalty	111,367.12
	Total	\$623,270.09

The past due charges represent:

<u>Age</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Totals</u>
30 days past due	\$37,665.69	\$4,983.61	\$42,649.30
60 days past due	18,172.89	3,167.34	21,340.23
90 days & greater past due	42,305.17	5,072.42	47,377.59
Totals	\$98,143.75	\$13,223.37	\$111,367.12

Summary of  
Past Due Charges  
(90 Days and Over)

Five Year Comparison

**DECEMBER**

<u>Year</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
2017	\$42,305.17	\$5,072.42	\$47,377.59 ***
2016	40,063.15	5,460.59	45,523.74 **
2015	45,799.46	7,635.13	53,434.59 **
2014	48,371.11	5,920.31	54,291.42 **
2013	44,029.76	6,250.70	50,280.46 *

\*\*\*Includes \$25,914.69 in sewer disconnection costs on 5 accounts.

\*\*Includes \$15,469.68 in sewer disconnection costs on 2 accounts.

\*Includes \$8,184.49 in sewer disconnection costs on 1 account.

**Twelve Months Ending DECEMBER 2017**

<u>Month Ending</u>	<u>User Charges</u>	<u>Penalty</u>	<u>Total</u>
12/31/17	\$42,305.17	\$5,072.42	\$47,377.59
11/30/17	42,113.25	5,076.48	47,189.73
10/31/17	41,605.97	4,752.60	46,358.57
9/30/17	42,806.87	4,851.72	47,658.59
8/31/17	35,842.14	3,691.67	39,533.81
7/31/17	46,750.24	4,401.62	51,151.86
6/30/17	30,550.45	4,019.68	34,570.13
5/31/17	33,590.89	4,991.96	38,582.85
4/30/17	29,538.80	4,227.20	33,766.00
3/31/17	33,746.64	4,699.23	38,445.87
2/28/17	36,439.40	5,219.35	41,658.75
1/31/17	43,159.75	5,409.73	48,569.48

Eleven (11) of twenty-two (22) delinquent accounts that were scheduled for pre-enforcement conferences on December 15, 2017 have paid in full and one (1) has payment arrangements. Since 2012, two accounts remain disconnected from sewer service. As of July 2017, two additional sewer services were disconnected and one remains plugged.

To: Nick Menninga, General Manager  
From: Marc Majewski, Operations Supervisor  
Re: Month of December, 2017 WWTC Operations Report.  
Date: January 9, 2018

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

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 7.39 MGD. Total precipitation at the WWTC was 0.20". There were no days of excess flow during the month of December. There were no days of discharge over 11 MGD.
- Activated sludge: Good operating performance continued throughout the month of December. Chlorine was dosed to the return sludge over 3 days to help control filaments.
- Anaerobic Digesters: Pumped a total of 1,110,334 gallons of primary sludge, 895,925 gallons of WAS, and 271,965 gallons of waste grease for a total of 2,278,224 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 67.6 % for December.
- Digester gas: Total digester gas production was 6,018,670 cubic feet. 70,703 cubic feet of gas was used for anaerobic digestion heat, and 5,624,472 cubic feet was used in the CHP facilities. 25,826 cubic feet of flared gas was recorded during the month. Natural gas was used for hot water and building heat. The Munters dehumidifier used 297,669 cubic feet of gas.
- Bio-solids: A total of 3,983 cubic yards have been distributed in 2017. Biosolids deliveries and drying has come to an end for the season. Bio-mechanics are currently rotating stockpiles in the sludge storage bins, and full rebuilds of biosolid augers is taking place.
- Miscellaneous Items: Construction of the new grease receiving station at digester 4 & 5 is almost complete, with painting and the wash down hose installation still needed. The new grease Moyno pump was installed and tested on January 3<sup>rd</sup>. Operations began using the new grease pumping station on January 5<sup>th</sup>. Operations and Maintenance have been putting in the extra effort on weekends and off hours to help mitigate the problems that occur with the extreme cold we have seen this December and January. Typical problems at the treatment plant have included a broken water main, frozen solenoids, frozen piping, ice on top of tank skimmers, and various other equipment and vehicle failures all due to the extreme cold. The cold also has placed a damper on the volume of grease deliveries as the grease haulers have difficulty with their vehicles and offloading in this extreme cold.
- Electricity: For December, we sent more electricity to ComEd than we received. Overall net energy from ComEd was: -27,455 KW-Hrs. Electricity Generated CHP: 381,671 KW-Hrs. Overall plant energy is nearly net-zero, at 13 MW-Hrs for the month of December.

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

# Monthly Operations Report Page 1

	WWTC Rainfall	B01 Parshall Flume Flow Max Mgd	B01 Parshall Flume Flow Min Mgd	B01 Parshall Flume Flow Avg Mgd	A01 Parshall Flume Flow Max Mgd	A01 Parshall Flume Flow Avg Mgd	C01 Int Clar #1 Flow Max Mgd	C01 Int Clar #1 Flow Avg Mgd	Outfall 003 Flow Max Mgd	Outfall 003 Flow Avg Mgd	Total Flow Max Mgd	Total Flow Avg Mgd	002 Outfall Flow Avg Mgd
Date	inches	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD
12/1/2017	0.00	12.52	4.99	8.18	0.00	0.00	0.00	0.00	0.00	0.00	12.52	8.18	0.00
12/2/2017	0.00	11.96	4.96	8.05	0.00	0.00	0.00	0.00	0.00	0.00	11.96	8.05	0.00
12/3/2017	0.00	10.94	4.72	8.04	0.00	0.00	0.00	0.00	0.00	0.00	10.94	8.04	0.00
12/4/2017	0.07	11.63	2.64	8.07	0.00	0.00	0.00	0.00	0.00	0.00	11.63	8.07	0.00
12/5/2017	0.00	10.49	4.89	8.11	0.00	0.00	0.00	0.00	0.00	0.00	10.49	8.11	0.00
12/6/2017	0.00	11.42	4.88	7.85	0.00	0.00	0.00	0.00	0.00	0.00	11.42	7.85	0.00
12/7/2017	0.00	10.49	4.51	7.71	0.00	0.00	0.00	0.00	0.00	0.00	10.49	7.71	0.00
12/8/2017	0.00	10.88	4.47	7.63	0.00	0.00	0.00	0.00	0.00	0.00	10.88	7.63	0.00
12/9/2017	0.00	10.52	4.61	7.45	0.00	0.00	0.00	0.00	0.00	0.00	10.52	7.45	0.00
12/10/2017	0.00	10.65	4.41	7.48	0.00	0.00	0.00	0.00	0.00	0.00	10.65	7.48	0.00
12/11/2017	0.04	10.49	4.27	7.55	0.00	0.00	0.00	0.00	0.00	0.00	10.49	7.55	0.00
12/12/2017	0.00	10.85	4.33	7.48	0.00	0.00	0.00	0.00	0.00	0.00	10.85	7.48	0.00
12/13/2017	0.00	10.40	4.37	7.57	0.00	0.00	0.00	0.00	0.00	0.00	10.40	7.57	0.00
12/14/2017	0.00	10.31	4.19	7.33	0.00	0.00	0.00	0.00	0.00	0.00	10.31	7.33	0.00
12/15/2017	0.00	10.41	4.46	7.35	0.00	0.00	0.00	0.00	0.00	0.00	10.41	7.35	0.00
12/16/2017	0.00	10.62	4.09	7.24	0.00	0.00	0.00	0.00	0.00	0.00	10.62	7.24	0.00
12/17/2017	0.00	10.53	4.04	7.23	0.00	0.00	0.00	0.00	0.00	0.00	10.53	7.23	0.00
12/18/2017	0.04	10.37	4.16	7.44	0.00	0.00	0.00	0.00	0.00	0.00	10.37	7.44	0.00
12/19/2017	0.00	10.48	4.06	7.41	0.00	0.00	0.00	0.00	0.00	0.00	10.48	7.41	0.00
12/20/2017	0.00	10.27	3.81	7.10	0.00	0.00	0.00	0.00	0.00	0.00	10.27	7.10	0.00
12/21/2017	0.00	10.19	4.06	7.28	0.00	0.00	0.00	0.00	0.00	0.00	10.19	7.28	0.00
12/22/2017	0.00	10.51	4.13	7.30	0.00	0.00	0.00	0.00	0.00	0.00	10.51	7.30	0.00
12/23/2017	0.00	11.06	3.85	7.07	0.00	0.00	0.00	0.00	0.00	0.00	11.06	7.07	0.00
12/24/2017	0.04	10.30	3.88	6.91	0.00	0.00	0.00	0.00	0.00	0.00	10.30	6.91	0.00
12/25/2017	0.00	10.14	3.78	6.49	0.00	0.00	0.00	0.00	0.00	0.00	10.14	6.49	0.00
12/26/2017	0.00	10.66	3.71	7.01	0.00	0.00	0.00	0.00	0.00	0.00	10.66	7.01	0.00
12/27/2017	0.00	10.27	3.91	7.06	0.00	0.00	0.00	0.00	0.00	0.00	10.27	7.06	0.00
12/28/2017	0.00	10.43	4.08	7.10	0.00	0.00	0.00	0.00	0.00	0.00	10.43	7.10	0.00
12/29/2017	0.01	10.27	3.94	6.91	0.00	0.00	0.00	0.00	0.00	0.00	10.27	6.91	0.00
12/30/2017	0.00	10.23	3.78	6.75	0.00	0.00	0.00	0.00	0.00	0.00	10.23	6.75	0.00
12/31/2017	0.00	10.34	3.76	6.79	0.00	0.00	0.00	0.00	0.00	0.00	10.34	6.79	0.00
Minimum	0.00	10.14	2.64	6.49	0.00	0.00	0.00	0.00	0.00	0.00	10.14	6.49	0.00
Maximum	0.07	12.52	4.99	8.18	0.00	0.00	0.00	0.00	0.00	0.00	12.52	8.18	0.00
Total	0.20	330.64	129.75	228.97	0.00	0.00	0.00	0.00	0.00	0.00	330.64	228.97	0.00
Average	0.01	10.67	4.19	7.39	0.00	0.00	0.00	0.00	0.00	0.00	10.67	7.39	0.00

## Monthly Operations Report Page 2

	Tertiary Flow MGD	MLSS Avg	Activated Sludge Inventory Lbs MLSS	Activated Sludge SRT Days	15 Minutes Aeration Settling %	30 Minutes Aeration Settling %	60 Minutes Aeration Settling %	Sludge Volume Index	System 1 RAS TSS	System 2 RAS TSS	Dupage River Outfall DO
Date	MGD		LBS	DAYS	mL/L	mL/L	mL/L	mL/g	mg/l	mg/l	mg/l
12/1/2017	8.18	2,857	103,705	19.64	40	29	23	102		6,252	
12/2/2017	8.05		103,705	19.84							
12/3/2017	8.04		103,705	19.57							
12/4/2017	8.07	2,426	89,490	19.67	30	25	21	101		5,461	7.8
12/5/2017	8.11	2,914	102,487	22.71	36	26	22	88	3,520		8.0
12/6/2017	7.85	2,858	101,988	21.08	45	32	24	112		5,276	8.2
12/7/2017	7.71	2,851	101,904	21.98	40	29	23	101	3,527		
12/8/2017	7.63	2,887	101,925	20.37	37	28	23	96		5,740	
12/9/2017	7.45		101,925	19.63							
12/10/2017	7.48		101,925	19.75							
12/11/2017	7.55	2,611	94,107	20.38	32	26	21	99		5,159	7.9
12/12/2017	7.48	2,652	95,405	22.00	39	28	22	105	3,824		8.1
12/13/2017	7.57	2,641	95,080	22.66	36	26	22	99		5,089	7.8
12/14/2017	7.33	2,632	93,616	21.56	36	28	22	107	3,482		
12/15/2017	7.35	2,763	97,672	20.86	36	27	22	97		5,382	
12/16/2017	7.24		97,672	20.11							
12/17/2017	7.23		97,672	20.07							
12/18/2017	7.44	2,743	97,308	21.31	34	26	22	96		4,909	7.6
12/19/2017	7.41	2,658	95,188	20.21	35	27	22	103	3,609		7.9
12/20/2017	7.10	2,648	94,549	19.52	36	28	23	105		5,209	7.8
12/21/2017	7.28	2,453	87,840	19.24	36	28	22	112	2,951		
12/22/2017	7.30	2,751	95,576	21.53	36	27	22	96		5,086	
12/23/2017	7.07		95,576	20.51							
12/24/2017	6.91		95,576	20.98							
12/25/2017	6.49		95,576	20.46							8.2
12/26/2017	7.01	2,709	94,179	20.72	40	30	24	110	2,949		9.1
12/27/2017	7.06	2,873	100,604	23.68	51	36	27	125		4,510	8.5
12/28/2017	7.10	2,794	97,733	23.31	52	38	26	134	3,093		
12/29/2017	6.91	2,702	94,879	24.50	47	33	25	121		4,481	
12/30/2017	6.75		94,879	24.92							
12/31/2017	6.79		94,879	25.08							
Minimum	6.49	2,426	87,840.47	19.24	30.00	24.50	20.50	87.50	2,949	4,481	7.6
Maximum	8.18	2,914	103,705.36	25.08	51.50	37.75	27.25	133.70	3,824	6,252	9.1
Total	228.97	54,420	3,018,329.32	657.85	771.75	574.50	454.50	2,106.10	26,955	62,554	96.9
Average	7.39	2,721	97,365.32	21.22	38.70	28.85	22.90	105.45	3,369	5,213	8.1

## Monthly Operations Report Page 3

	Tertiary Flow MGD	Influent BOD 5	Primary Clarifier BOD 5	Intermediate Clarifier CBOD 5	Tertiary Effluent CBOD 5	Tertiary Effluent CBOD 5 Load	BOD 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
12/1/2017	8.18							26	55	
12/2/2017	8.05							31	58	
12/3/2017	8.04							27	60	
12/4/2017	8.07	205			0.6	40	98.3	44	66	60.8
12/5/2017	8.11	265	84	2.4	0.6	41	98.6	27	45	60.9
12/6/2017	7.85	230	87	2.4	0.6	39	98.6	25	37	61.2
12/7/2017	7.71							18	31	60.8
12/8/2017	7.63							15	39	
12/9/2017	7.45							20	32	
12/10/2017	7.48							19	37	
12/11/2017	7.55							21	40	60.3
12/12/2017	7.48	268	92	3.3	1.0	62	97.9	17	32	60.3
12/13/2017	7.57	244		4.6	1.8	114	97.4	21	39	60.3
12/14/2017	7.33	270	109	4.9	2.3	141	97.3	15	31	60.1
12/15/2017	7.35							20	37	
12/16/2017	7.24							28	50	
12/17/2017	7.23							30	45	
12/18/2017	7.44	262			0.8	50	98.3	40	47	59.9
12/19/2017	7.41	277	101	1.9	0.8	49	98.2	35	54	59.6
12/20/2017	7.10	332	112	2.2	0.8	47	98.5	27	40	60.1
12/21/2017	7.28							31	40	59.6
12/22/2017	7.30							33	40	
12/23/2017	7.07							19	34	
12/24/2017	6.91							17	22	
12/25/2017	6.49	275			0.7	38	98.8	2	20	
12/26/2017	7.01	370	118	2.7	0.7	41	99.1	-3	9	58.3
12/27/2017	7.06	245	110	3.6	0.9	53	97.8	-4	10	59.0
12/28/2017	7.10							-3	14	58.1
12/29/2017	6.91							9	17	
12/30/2017	6.75							-3	14	
12/31/2017	6.79							-3	15	
Minimum	6.49	205	84	1.9	0.60	38	97.3	-4	9	58.1
Maximum	8.18	370	118	4.9	2.30	141	99.1	44	66	61.2
Total	228.97	3,243	813	28.0	11.60	715	1,178.8	605	1,109	899.3
Average	7.39	270	102	3.1	0.97	60	98.2	19	36	60.0

## Monthly Operations Report Page 4

	Tertiary Flow MGD	Influent TSS	Primary Clarifier TSS	Intermediate Clarifier TSS	Tertiary Effluent TSS	Tertiary Effluent TSS Load	TSS Removal %	Influent pH	Primary Clarifier pH	Tertiary Effluent pH	Intermediate pH
Date	MGD	mg/l	mg/l	mg/l	mg/l	lbs/day	%	SU	SU	SU	SU
12/1/2017	8.18	124			0.2	14	99.8	7.5	7.5	7.2	7.2
12/2/2017	8.05	160			0.2	13	99.9				
12/3/2017	8.04	154			0.1	7	99.9				
12/4/2017	8.07	188	49	3.9	0.2	13	99.9	7.5	7.5	7.1	7.3
12/5/2017	8.11	224	45	4.9	0.2	14	99.9	7.6	7.6	7.0	7.3
12/6/2017	7.85	265	52	4.6	0.2	13	99.9	7.5	7.5	7.0	7.2
12/7/2017	7.71	280	57	4.6	0.1	6	100.0	7.6	7.5	6.9	7.2
12/8/2017	7.63	220			0.2	13	99.9	7.5	7.6	6.9	7.1
12/9/2017	7.45	164			0.2	12	99.9				
12/10/2017	7.48	184			0.2	12	99.9				
12/11/2017	7.55	250	76	3.7	0.4	25	99.8	7.6	7.4	6.9	7.1
12/12/2017	7.48	307	76	6.4	0.3	19	99.9	7.6	7.6	6.9	7.1
12/13/2017	7.57	280			0.6	38	99.8	7.5	7.7	7.0	7.1
12/14/2017	7.33	268	79	5.8	1.2	73	99.6	7.6	7.6	6.9	7.0
12/15/2017	7.35	280			1.0	61	99.6	7.6	7.6	7.0	7.2
12/16/2017	7.24	180			0.3	18	99.8				
12/17/2017	7.23	250			0.4	24	99.8				
12/18/2017	7.44	265	106	4.8	0.4	25	99.8	7.6	7.4	7.0	7.2
12/19/2017	7.41	268	68	4.3	0.3	19	99.9	7.6	7.4	6.9	7.2
12/20/2017	7.10	255	66	5.6	0.2	12	99.9	7.5	7.5	6.8	7.1
12/21/2017	7.28	330	74	7.4	0.2	12	99.9	7.5	7.5	6.9	7.1
12/22/2017	7.30	236			0.4	24	99.8	7.7	7.4	6.9	7.1
12/23/2017	7.07	236			0.2	12	99.9				
12/24/2017	6.91	200			0.4	23	99.8				
12/25/2017	6.49	195	75	4.9	0.4	22	99.8	7.5	7.5	7.1	7.1
12/26/2017	7.01	260	60	7.4	0.4	23	99.8	7.6	7.5	7.0	7.1
12/27/2017	7.06	185	60	7.4	0.3	18	99.8	7.5	7.4	7.0	7.0
12/28/2017	7.10	255	55	9.4	0.4	24	99.8	7.5	7.4	6.9	6.9
12/29/2017	6.91	268			0.5	29	99.8	7.5	7.5	6.9	7.0
12/30/2017	6.75	204			0.4	23	99.8				
12/31/2017	6.79	210			0.3	17	99.9				
Minimum	6.49	124	45	3.7	0.1	6	99.6	7.5	7.4	6.8	6.9
Maximum	8.18	330	106	9.4	1.2	73	100.0	7.7	7.7	7.2	7.3
Total	228.97	7,145	998	85.1	10.8	658	3,095.4	158.6	157.6	146.2	149.6
Average	7.39	230	67	5.7	0.3	21	99.8	7.6	7.5	7.0	7.1

# MONTHLY OPERATIONS REPORT PAGE 5

Date	Tertiary Flow MGD	Influent Ammonia-N mg/l	Tertiary Ammonia-N mg/l	Tertiary Effluent Ammonia-N Load lbs/day	Chlorine Residual mg/l	Fecal Coliform col/100ml
12/1/2017	8.18					
12/2/2017	8.05					
12/3/2017	8.04	16.96	0.43	28.8		
12/4/2017	8.07	15.84	0.45	30.3		
12/5/2017	8.11	23.96	0.42	28.4		
12/6/2017	7.85	26.26	0.69	45.2		
12/7/2017	7.71	29.56	0.78	50.1		
12/8/2017	7.63					
12/9/2017	7.45					
12/10/2017	7.48	19.52	0.21	13.1		
12/11/2017	7.55	25.68	0.29	18.3		
12/12/2017	7.48	28.80	0.80	49.9		
12/13/2017	7.57	22.12	1.38	87.1		
12/14/2017	7.33	28.76	1.22	74.6		
12/15/2017	7.35					
12/16/2017	7.24					
12/17/2017	7.23	21.96	0.46	27.7		
12/18/2017	7.44	26.80	0.63	39.1		
12/19/2017	7.41	26.36	0.93	57.5		
12/20/2017	7.10	25.96	1.12	66.3		
12/21/2017	7.28	29.36	1.18	71.7		
12/22/2017	7.30					
12/23/2017	7.07					
12/24/2017	6.91	21.12	0.24	13.8		
12/25/2017	6.49	21.94	0.07	3.8		
12/26/2017	7.01	27.96	0.10	5.8		
12/27/2017	7.06	26.28	1.27	74.8		
12/28/2017	7.10	25.90	1.41	83.5		
12/29/2017	6.91					
12/30/2017	6.75					
12/31/2017	6.79	23.12	0.12	6.8		
Minimum	6.49	15.84	0.07	3.8		
Maximum	8.18	29.56	1.41	87.1		
Total	228.97	514.22	14.20	876.8		
Average	7.39	24.49	0.68	41.7		

## SLUDGE DATA

Primary Sludge	TS	2.68 %	1,110,334 Gallons
WAS to Digesters	TS	2.30 %	895,925 Gallons
Hauled Grease to Digs	TS	8.12 %	271,965 Gallons
<u>Anaerobically Digested Sludge Pumping</u>			
Drying Beds	TS	2.93 %	301,980 Gallons
BFP	TS	2.15 %	844,159 Gallons
Lagoons	TS	%	Gallons
Total			1,146,139 Gallons
VS Destruction			67.6 %

## Biosolids Disposal

Pick-Up Station	Dec	Cu. Yds
Delivered	Dec	Cu. Yds
Contractor Pickup and District Use	Dec	Cu. Yds
Total	Dec	Cu. Yds
Pick-Up Station	YTD	253 Cu. Yds
Delivered	YTD	3,307 Cu. Yds
Contractor Pick-Up and District Use	YTD	423 Cu. Yds
Total	YTD	3,983 Cu. Yds

## ENERGY DATA

Total Digester Gas Production	6,018,670 SCF
Gas Volume per Volatile Solids Load	11.1 Cu.Ft./Lb.

## Digester Gas Utilization

Heat Exchangers	70,703 SCF
Dehumidification	297,669 SCF
CHP	5,624,472 SCF
Total	5,992,844 SCF

## Digester Gas Flared

25,826 SCF

## Natural Gas Consumed

WWTC	35,100 SCF
MSB	57,333 SCF
Chemical Feed	43,167 SCF
5006 Walnut	25,300 SCF

Kilowatt-hours Generated CHP 381,671 KWH

Net energy from Comed -27,455 KWH

Monthly net energy 13 MWH

## MISCELLANEOUS

Grit Removal	Dec	0 Cu. Yds
Grit Removal	YTD	240 Cu. Yds
Anaerobic Supernate		858,098 Gallons
Waste Activated Sludge		105,870 Gals/Day
City Water Consumed		16,007 Gallons

**DMR Copy of Record**

<b>Permit</b>					
<b>Permit #:</b>	<b>IL0028380</b>	<b>Permittee:</b>	DOWNERS GROVE SANITARY DISTRICT	<b>Facility:</b>	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
<b>Major:</b>	Yes	<b>Permittee Address:</b>	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	<b>Facility Location:</b>	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	001-0 COMBINED DISCHARGE FROM A01, B01, & C01		

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 12/01/17 to 12/31/17</b>	<b>DMR Due Date:</b>	<b>01/25/18</b>	<b>Status:</b>	<b>NetDMR Validated</b>

**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.

<b>Principal Executive Officer</b>					
<b>First Name:</b>	Nicholas	<b>Title:</b>	General Manager	<b>Telephone:</b>	630-969-0664
<b>Last Name:</b>	Menninga				

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	8.1	=	7.8	=	7.6	19 - mg/L	03/07 - Three Per Week DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											19 - mg/L		
					Value NODI													
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	4.7	=	6.5	19 - mg/L	03/07 - Three Per Week DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB	
					Permit Req.						<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L			
					Value NODI													
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.8	=	7.2	12 - SU	05/WK - Five Per Week DL/DS - Daily When Discharging	GR - GRAB		
					Permit Req.						>=	6 MINIMUM	<=	9 MAXIMUM			12 - SU	
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	0.3	=	0.6	19 - mg/L	05/WK - Five Per Week DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB	
					Permit Req.						<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L			
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	0.68	=	1.41	19 - mg/L	05/WK - Five Per Week DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB	
					Permit Req.													19 - mg/L
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	3.68	19 - mg/L	04/30 - Four Per Month DL/DS - Daily When Discharging	CP - COMPOS GR - GRAB	
					Permit Req.													19 - mg/L
					Value NODI													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample											DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.								<=	.75 MO AVG	19 - mg/L			
					Value NODI									9 - Conditional Monitoring - Not Required This Period				
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample											DL/DS - Daily When Discharging	GR - GRAB	
					Permit Req.									<=	400 DAILY MX			13 - #/100mL
					Value NODI										9 - Conditional Monitoring - Not Required This Period			
82220	Flow, total	1 - Effluent Gross	0	--	Sample		=	228.97	80 - Mgal/mo							99/99 - Continuous	GR - GRAB	
					Permit Req.													80 - Mgal/mo
					Value NODI													

**Submission Note**

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

**Edit Check Errors**

No errors.

**Comments**

31 days of discharge. Zero days combined with A01 and C01.

**Attachments**

No attachments.

**Report Last Saved By**

**DOWNERS GROVE SANITARY DISTRICT**

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:37 (Time Zone: -06:00)

**Report Last Signed By**

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:39 (Time Zone: -06:00)

# DMR Copy of Record

<b>Permit</b>			
<b>Permit #:</b>	<b>IL0028380</b>	<b>Permittee:</b>	DOWNERS GROVE SANITARY DISTRICT
<b>Major:</b>	Yes	<b>Permittee Address:</b>	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515
<b>Facility:</b>		<b>Facility Location:</b>	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
<b>Permitted Feature:</b>	002 External Outfall	<b>Discharge:</b>	<b>002-0</b> MIXING CHMBR OVERFLOW TO ST. JOSEPH CRK

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 12/01/17 to 12/31/17	<b>DMR Due Date:</b>	01/25/18
<b>Status:</b>	NetDMR Validated		

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

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Nicholas	<b>Title:</b>	General Manager
<b>Last Name:</b>	Menninga	<b>Telephone:</b>	630-969-0664

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00400	pH	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
82220	Flow, total	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					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: 2018-01-09 14:37 (Time Zone: -06:00)

**Report Last Signed By**

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:39 (Time Zone: -06:00)

# DMR Copy of Record

<b>Permit</b>			
<b>Permit #:</b>	<b>IL0028380</b>	<b>Permittee:</b>	DOWNERS GROVE SANITARY DISTRICT
<b>Major:</b>	Yes	<b>Permittee Address:</b>	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515
<b>Permitted Feature:</b>	003 External Outfall	<b>Discharge:</b>	<b>003-0</b> EXCESS FLOW TO ST. JOSEPH CRK
<b>Facility:</b>	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER		
<b>Facility Location:</b>	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515		

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 12/01/17 to 12/31/17	<b>DMR Due Date:</b>	01/25/18
<b>Status:</b>	NetDMR Validated		

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

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Nicholas	<b>Title:</b>	General Manager
<b>Last Name:</b>	Menninga	<b>Telephone:</b>	630-969-0664

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00400	pH	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					Value NODI												
82220	Flow, total	1 - Effluent Gross	0	--	Sample												
					Permit Req.												
					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: 2018-01-09 14:37 (Time Zone: -06:00)

**Report Last Signed By**

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:39 (Time Zone: -06:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permit #:</b> IL0028380	<b>Permittee:</b> DOWNERS GROVE SANITARY DISTRICT	<b>Facility:</b> DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
<b>Major:</b> Yes		<b>Permittee Address:</b> 2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	<b>Facility Location:</b> 5003 WALNUT AVENUE DOWNERS GROVE, IL 60515	
<b>Permitted Feature:</b> A01 External Outfall		<b>Discharge:</b> A01-0 EXCESS FLOW FROM EXCESS FLOW CLARIFIERS		

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 12/01/17 to 12/31/17	<b>DMR Due Date:</b> 01/25/18	<b>Status:</b> NetDMR Validated
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**Considerations for Form Completion**  
NUMBER OF DAYS OF DISCHARGE:CS

<b>Principal Executive Officer</b>		<b>First Name:</b> Nicholas	<b>Title:</b> General Manager	<b>Telephone:</b> 630-969-0664
<b>Last Name:</b> Menninga				

**No Data Indicator (NODI)**  
Form NODI: --

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

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

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
DOWNERS GROVE SANITARY DISTRICT

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:37 (Time Zone: -06:00)

**Report Last Signed By**

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:39 (Time Zone: -06:00)

# DMR Copy of Record

<b>Permit</b>					
<b>Permit #:</b>	<b>IL0028380</b>	<b>Permittee:</b>	DOWNERS GROVE SANITARY DISTRICT	<b>Facility:</b>	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
<b>Major:</b>	Yes	<b>Permittee Address:</b>	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	<b>Facility Location:</b>	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
<b>Permitted Feature:</b>	B01 External Outfall	<b>Discharge:</b>	<b>B01-0</b> INTERNAL MIXING CHMBR - E. BR. DUPAGE RVR		

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	From 12/01/17 to 12/31/17	<b>DMR Due Date:</b>	01/25/18	<b>Status:</b>	NetDMR Validated

**Considerations for Form Completion**  
DMF LOAD LIMITS DISPLAYED.

<b>Principal Executive Officer</b>					
<b>First Name:</b>	Nicholas	<b>Title:</b>	General Manager	<b>Telephone:</b>	630-969-0664
<b>Last Name:</b>	Menninga				

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample									=	55.2	15 - deg F	01/30 - Monthly	GR - GRAB			
					Permit Req.																
					Value NODI																
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample					=	8.1		=	7.8		=	7.6	19 - mg/L	03/DW - 3 Days Every Week	GR - GRAB	
					Permit Req.					>=	5.5 MO AV MN		>=	4 MN WK AV		>=	3.5 DAILY MN	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB	
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.8				=	7.2	12 - SU	05/WK - Five Per Week	GR - GRAB		
					Permit Req.					>=	6 MINIMUM				<=	9 MAXIMUM	12 - SU	02/DA - 2 Days Every Week	GR - GRAB		
					Value NODI																
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0	--	Sample										=	154	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.																
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	21.22	=	73.37	26 - lb/d		=	0.3	=	1.2	19 - mg/L	05/WK - Five Per Week	CP - COMPOS			
					Permit Req.	<=	2202 MO AVG	<=	4404 DAILY MX	26 - lb/d		<=	12 MO AVG	<=	24 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS			
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample										=	16.8	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.																
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	11	--	Sample	=	41.75	=	87.11	26 - lb/d		=	0.68	=	1.41	19 - mg/L	05/WK - Five Per Week	CP - COMPOS			
					Permit Req.	<=	734 MO AVG	<=	1376 DAILY MX	26 - lb/d		<=	4 MO AVG	<=	7.5 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS			
					Value NODI																
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample										=	1.19	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.																
					Value NODI																
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample										=	16.8	19 - mg/L	01/30 - Monthly	CA - CALCTD		
					Permit Req.																
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample										=	3.68	19 - mg/L	04/30 - Four Per Month	CP - COMPOS		
					Permit Req.																
					Value NODI																
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample										=	3.1	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.																
					Value NODI																
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample										=	149	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	7.39	=	8.18	03 - MGD									99/99 - Continuous		
					Permit Req.																
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	1	--	Sample																
					Permit Req.																
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	59.6	=	140.63	26 - lb/d		=	0.97	=	2.3	19 - mg/L	03/DW - 3 Days Every Week	CP - COMPOS			
					Permit Req.	<=	1835 MO AVG	<=	3670 DAILY MX	26 - lb/d		<=	10 MO AVG	<=	20 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS			
					Value NODI																

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

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

No attachments.

**Report Last Saved By**

**DOWNERS GROVE SANITARY DISTRICT**

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:37 (Time Zone: -06:00)

**Report Last Signed By**

User: reeseberry  
Name: Dorrance Berry  
E-Mail: rberry@dgsd.org  
Date/Time: 2018-01-09 14:39 (Time Zone: -06:00)

## DMR Copy of Record

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

### Submission Note

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

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

**DOWNERS GROVE SANITARY DISTRICT**

User: reeseberry  
 Name: Dorrance Berry  
 E-Mail: rberry@dgsd.org  
 Date/Time: 2018-01-09 14:37 (Time Zone: -06:00)

### Report Last Signed By

User: reeseberry  
 Name: Dorrance Berry  
 E-Mail: rberry@dgsd.org  
 Date/Time: 2018-01-09 14:39 (Time Zone: -06:00)

## DMR Copy of Record

<b>Permit</b>			
Permit #:	IL0028380	Permittee:	DOWNERS GROVE SANITARY DISTRICT
Major:	Yes	Permittee Address:	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515
Permitted Feature:	INF Influent Structure	Discharge:	INF-L INFLUENT MONITORING
Facility:	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER		
Facility Location:	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515		

### Report Dates & Status

Monitoring Period:	From 12/01/17 to 12/31/17	DMR Due Date:	01/25/18	Status:	NetDMR Validated
--------------------	---------------------------	---------------	----------	---------	------------------

### Considerations for Form Completion

CS

### Principal Executive Officer

First Name:	Nicholas	Title:	General Manager	Telephone:	630-969-0664
Last Name:	Menninga				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample						=	270				19 - mg/L	09/99 - See Permit	CP - COMPOS		
					Permit Req.												19 - mg/L	09/99 - See Permit	CP - COMPOS	
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	230				19 - mg/L	09/99 - See Permit	CP - COMPOS		
					Permit Req.												19 - mg/L	09/99 - See Permit	CP - COMPOS	
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample									=	39.6	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.													19 - mg/L	01/30 - Monthly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample									=	7.72	19 - mg/L	04/30 - Four Per Month	CP - COMPOS		
					Permit Req.													19 - mg/L	01/30 - Monthly	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	7.38	=	8.04	03 - MGD								99/99 - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous
					Value NODI															

### Submission Note

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

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

**DOWNERS GROVE SANITARY DISTRICT**

User: reeseberry  
 Name: Dorrance Berry  
 E-Mail: rberry@dgsd.org  
 Date/Time: 2018-01-09 14:37 (Time Zone: -06:00)

### Report Last Signed By

User: reeseberry  
 Name: Dorrance Berry  
 E-Mail: rberry@dgsd.org  
 Date/Time: 2018-01-09 14:39 (Time Zone: -06:00)

# DOWNERS GROVE SANITARY DISTRICT

## M E M O

TO: Nicholas J. Menninga, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: January 8, 2018

SUBJECT: December 2017 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department and operations during December 2017.

Special projects in December included:

### **Annual Generator Preventive Maintenance**

Patten Power Systems has completed the annual level 2 preventive maintenance services on the three (3) WWTC generators, the three (3) Portable generators, and the nine (9) Lift station generators. The preventive maintenance service includes a 53-point inspection, oil & filter change, fuel filter replacement, and oil & coolant sample testing.

In addition to the annual level 2 P/M's, the automatic transfer switch maintenance and load bank testing was also performed this year at the Hobson, Wroble and Venard locations. New batteries were also installed this year on the three (3) WWTC generators and all nine (9) of the Lift stations. Several of the generators require 2 batteries each and they are replaced every 3 years to ensure their reliability. A total of 20 batteries were replaced this year.

The only additional repair items that were discovered during the inspections and P/M's were that the engine block heaters at the Hobson and Liberty Park generators were leaking and they were also replaced.

The initial proposal that I received from Patten Power Systems for this year's preventive maintenance work and the battery replacements was \$38,990. After rejecting their proposals twice, I was able to renegotiate the amount to \$34,663. Patten also agreed to hold the same pricing for the 2018 preventive maintenance on our fifteen (15) generators which will be \$26,190 without the batteries.

### **Secondary Clarifiers 8 & 9 – Underground Power Feed Repair**

A short circuit occurred at the underground power and control wiring feed between the blower building and secondary clarifiers 8 & 9 and damaged the conductors within the conduit. Temporary above-ground power and control wiring was installed to keep the clarifiers in operation during the repairs.

Since the damaged wiring in the underground conduit could not be removed, Uno Construction was hired to excavate for us at a point between the blower building and the clarifiers to expose the conduit. A section of the exposed conduit was cut at the excavation point allowing the damaged conductors to be removed in both directions. After the damaged wiring was removed, the conduit was repaired and a new fiberglass hand hole (pull box) was installed. New power and control wiring (rated for direct burial) was installed and terminated to complete the repair. All of the work related to this project (excluding the excavation work) was completed in-house by District electrical staff.

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

# Work Order Summary

Work Order Completion Dates from 12/1/2017 to 12/29/2017

Work Assignment	Completion Date	Equipment	NOTATIONS
SWPPP Annual Training	12/1/2017	WWTC Roadways	
Annual Oil Change Screening Compactors & Conveyor Reducers	12/4/2017	Bar Screen Rag Compactor	
3 Months Inspection on Electric Carts and Front End Loader	12/22/2017	2013 Club Car Carryall #3 2014 Club Car Carry-all #2 2016 Club Car Carryall 300	
Annual Generator P.M. Load BankTest	12/8/2017	Portable Generator 150	Annual level 2 P/M by Patten.
Annual Generator P.M.		Portable Generator 200	
	12/12/2017	Portable Generator 350	Annual Level 2 P/M by Patten Power.
Annual Gen. Check By Patten Equip Level 2		Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	Patten performed the annual level 2 P/M on all three units. No oil change this year. Also replaced both batteries on all three units this year.
Clean Pump Seal Water Filters At Lift Stations	12/13/2017	Butterfield Pump 1 Butterfield Pump 2 Centex Pump 1 Centex Pump 2 Earlston Pump 1 Earlston Pump 2 Hobson Pump 1 Hobson Pump 2 Hobson Pump 3 Hobson Pump 4 Liberty Park Pump 1 Liberty Park Pump 2 Wroble Pump 1 Wroble Pump 2	Replace filters on all pumps and reorder kits for stock from Gasvoda.
Exercise Ratio Valve #2	12/29/2017	Tunnel - System 2 RAS	
By-Weekly Fluid and Misc. Check of Generators	12/5/2017	Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
Run And Inspect Generators With The Load Of The Plant		Emergency Generator 1 Emergency Generator 2 Emergency Generator 3	
12 Month/10,000 Mile Synthetic Oil Change (2015 Ford Transit) # 310		2015 Ford Transit Connect XL	Changed oil and filter and rotate tires.
12 Month/10,000 Mile Synthetic Oil	12/6/2017	2015 Ford Focus	Change oil and filter, rotate tires.

Work Assignment	Completion Date	Equipment	NOTATIONS
Change (2015 Focus) # 314			
6 Month Oil Change On Bearings X'cess Flow Sludge Pump #1& #2	12/7/2017	Excess Flow Sludge Pump 1	
Replace V belt and upgrade oil-reservoir	12/1/2017	Digester 2 Mixing System	Replaced V-Belt and replaced oil reservoir with larger size.
Purchase of new Auger Screw for Auger #3	12/4/2017	2004 AUGER-DAWG G-30 4D088	Purchased new replacement Auger for Auger #3 from Motion Industries.
2017 Painting Services	12/1/2017	Chlorine Contact Tank	Remove all railings and gratings on the catwalk, Plug 42" incoming line, pump out the tank for McCahill Painting. The under water supports & sweep arms were brush blasted and one coat of 2 part epoxy was applied. Catwalk & all above water steel was comple
Purchase a new screw assembly for stock.	12/4/2017	Grit Classifier 1	Purchase a new screw through Motion Industries, fabricated by Breco LLC in Coldwater Michigan. If the screw was purchased from Wemco (LAI) it would have cost \$10,000.00. This screw was fabricated for \$3,683.89.
		Grit Classifier 2	
Exercise both 24" primary influent ratio valves	12/7/2017	Tunnel From PS to Grit Tunnel/Chan Primary Clarifiers	
Grease Pump Bearings on 1-6 RAS pumps	12/8/2017	RAS Pump 1	
		RAS Pump 2	
		RAS Pump 3	
		RAS Pump 4	
		RAS Pump 5	
		RAS Pump 6	
12 Month/10,000 Mile Synthetic Oil Change (2011 Ford Ranger - Bio) # 326	12/4/2017	2011 FORD Ranger Pick-Up	
500 Hour Oil Change on Pearth 4	12/19/2017	Digester 4 Mixing System	
Check all life ring boxes and clean if needed.	12/7/2017	-	
PM on JD 244 J		2013 Wheel Loader #334	Changed engine oil, air filters,cab filters, fuel filters, hydraulic filter. Trouble shot start issues with FF, called West Side tractor for Starting issues.
Run And Inspect Generators With The Load Of The Plant	12/20/2017	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
2000 Hour Grease of the UNISON BLOWER MOTOR	12/14/2017	CHP Gas Cleaning System	
Change Filters On Grit Blowers 1,2,3.	12/19/2017	Grit Blower 1	
		Grit Blower 2	
		Grit Blower 3 Kaeser	
By-Weekly Fluid and Misc. Check of Generators	12/20/2017	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Extend Drain Trough in Tunned at Grit Building	12/11/2017	Grit Building	Extended drain trough in tunnel under grit building, extended drain trough to connect to other trough in tunnel under grit buiding just west of #1 grit pump.

<b>Work Assignment</b>	<b>Completion Date</b>	<b>Equipment</b>	<b>NOTATIONS</b>
Brakes, ball joints and blower motor for #304	12/14/2017	2009 Ford F350 Truck New 304	
Replace wear plate on Auger #4	12/19/2017	2009 AUGER-DAWG G30A 91093	Replaced wear plate on Auger #4.
Replace the brake motor on rake that was damaged when it was submerged.	12/1/2017	Bar Screen 2	Remove the old motor, install a re-built motor from stock. Send damaged motor to Rainbow Electric for repairs.
Replace dead battery.	12/6/2017	2012 FORD F-350 LS	Remove old battery and install new battery that was purchased from Auto-Zone.
Remove pump from service, pump fell off mounting base and blown bellows.		College Pump 3	Remove the pump (Stevenson Crane) and inspect connecting flange. Found bellows was blown out and alignment pins were worn and bent. Replace bellows, seat ring and alignment pins. Re-install pump (Stevenson Crane) and put pump back in service.
Troubleshoot lunchroom HVAC only works in emergency heat.		Maintenance Services Building	Gee Heating troubleshoot and found possible clogged water loop coil. Flush coil without improvement, test water flow capacity and found very low effluent supply pressure and volume. Found the 3" gate valve (underground) was almost closed. Open valve, test
Check Geothermal unit for the west side of the lab. Only emergency heat	12/7/2017	Laboratory	Gee Heating troubleshoot and found poor heat transfer and the expansion valve power head was bad. Evacuate system, replace expansion valve power head, pull a vacuum, and re-charge system.
Replace the back up batteries on the gate operator.		WWTC Main Gate	Replace the back up batteries on the gate operator.
Install heat trace on air solenoids and piping.	12/11/2017	Aeration Tank 05	Purchase and install heat trace on air solenoids and piping to prevent solenoids from freezing. Also install pipe insulation and PVC jacketing to protect from the weather.
		Aeration Tank 06	
		Aeration Tank 07	
Remove pump from service to replace leaking mechanical seal.		Hobson Pump 2	Pull pump, (Stevenson crane) disassemble in the shop, motor shaft needs repairs in seal area, deliver to Rainbow Electric for motor repair, install new seal & re-assemble after motor overhaul & shaft repairs, re-install (Stevenson Crane) and test operatio
33,600 miles. Replace rear brake pads and rotors with new.	12/12/2017	2015 Ford Transit Connect XL	Replaced rear brake pads rotors and hardware with new.
Replace the Greenlee knockout punch set that is worn out.		Maintenance Services Building	Compare pricing and purchase a new Greenlee knockout punch set from Glenbard/Revere Electric.
Purchase 4" & 6" suction hoses for portable pumps.		5006 Walnut Eqpmnt Strge Bldg	Purchased (4) 4" x 20' & (2) 6" x 20' hard suction hoses from Build it Right in Addison.
21,835 hours. Replace spark plugs with new due to 1,200 hour run time.	12/13/2017	CHP Engine Genset	Replaced spark plugs with new. Cleaned inside of enclosure.
Repair Wire Harness	12/14/2017	2013 FORD F-150 Reg Cab	Repair wire harness.
Honda pressure washer to Kipp's for repair. Pump not building pressure.	12/15/2017	Maintenance Services Building	Found the pump as shot, valve bdy was worn and deteriorated. A new pump and unloader valve was installed by Kipp's. Pick up pump after repairs.
Annual Level 2 P/M and Battery replacement.	12/13/2017	Earlston Stationary Generator	Patten Power Systems performed that annual 2 P/M and replace the battery.
		Liberty Park Stationary Genera	Patten Power Systems performed that annual 2 P/M and replace the battery. Also found the block heater was leaking. It was replaced.
	12/14/2017	Centex Stationary Generator	Patten Power Systems performed that annual 2 P/M and replace the battery.
	12/15/2017	Northwest Stationary Generator	Patten Power Systems performed that annual 2 P/M and replace both batteries.

<b>Work Assignment</b>	<b>Completion Date</b>	<b>Equipment</b>	<b>NOTATIONS</b>
		Butterfield Stationary Generat	Patten Power Systems performed that annual 2 P/M and replace the battery.
		College Stationary Generator	Patten Power Systems performed that annual 2 P/M and replace both batteries.
Annual Level 2 P/M, Battery replacement & Load bank test	12/18/2017	Hobson Stationary Generator	Patten Power Systems performed the annual level 2 P/M, replaced both batteries and performed a 2 hour load bank test. Also noted that the block heater was leaking and it was replaced.
Re-fill generator with diesel fuel.	12/19/2017	Butterfield Stationary Generat	Assist Feece oil Company with re-filling the generator.
		Centex Stationary Generator	
		College Stationary Generator	
		Earlston Stationary Generator	
		Hobson Stationary Generator	
		Liberty Park Stationary Genera	
		Northwest Stationary Generator	Assist Feece oil Company with re-filling the generator.
		Venard Stationary Generator	
Annual Level 2 P/M, Battery replacement, ATS P/M & Load bank test			Patten Power Systems performed the annual level 2 P/M, ATS P/M, replaced both batteries and performed a 2 hour load bank test.
Re-fill generator with diesel fuel.		Wroble Stationary Generator	Assist Feece oil Company with re-filling the generator.
Annual Level 2 P/M, Battery replacement, ATS P/M & Load bank test			Patten Power Systems performed the annual level 2 P/M, ATS P/M, replaced both batteries and performed a 2 hour load bank test.
32,000 miles. Replace front and rear brakes.	12/21/2017	2013 Ford Transit Connect	Replaced front brake pads, rotors, and hardware with new. Replaced rear shoes, drums, and hardware with new.
Purchase (2) 550va, (1) 650va & (1) 850va UPS units for stock.	12/22/2017	SCADA	Purchase (2) 550va, (1) 650va & (1) 850va UPS units for stock from Micro Center.
Replace 3 broken drive belts on Pearth compressor to motor.	12/27/2017	Digester 4 Mixing System	Replaced all belts with new.
Replace the entry alarm by-pass timer that no longer works.	12/29/2017	Wroble Lift Station	Replace the entry alarm by-pass timer, test operation. Also purchased a second timer for stock.
Replace DC converter on club car #2	12/21/2017	2014 Club Car Carry-all #2	Diagnosed and replaced broken DC converter.

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

DATE: January 8, 2018

TO: Nicholas J. Menninga  
General Manager

FROM: Robert Swirsky  
Sewer System Maintenance Supervisor

RE: Monthly Report – December, 2017

1.	JULIE Line Markings:	Current	Year to Date
	Received	542	14529
	In District	519	13448
	Marked	217	2607
	Man Hours	109	1047
2.	Building Service:	Current	Year to Date
	a. BSSRAP TV Inspections	12	207
	b. Emergency BSSRAP Repairs	05	109
	c. Total BSSRAP Repairs	10	171
	d. I&I inspections	00	26
	e. I&I C.O. installation	00	09
	f. Replace broken cleanout caps	00	04
	g. OHSP TV Inspections	04	06
	h. Post Rodding TV	03	38
3.	Sewer backups:	Current	Year to Date
	a. Public sewer	1	9
	b. Private sewer	25	200
	c. Surcharged main	0	33
	d. Pump station	<u>0</u>	<u>0</u>
	Total	26	242
		Current	Year to Date
4.	Sewer Cleaning (DGSD personnel):	5,919	451,510 Ft.
	a. Sewer Cleaning (outside contractors):	0	445 Ft.
5.	Main Sewer Televising (DGSD personnel):	2684	7,211 Ft.
	a. Sewer Televising (outside contractors):	0	33,425 Ft.
6.	LETS TV	0	3
7.	Manhole inspections	0	115

8. Sewer and manhole repairs and replacements by Uno Construction:  
None
  
10. Miscellaneous: (sewer system personnel)
  - a. Re-locate and upload flow-meters.
  - b. Entry to remove roots from MH 1A-002-1
  - c. Clearing snow and salting by-pass ramps for Walnut Avenue lining.

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

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

DATE: January 5, 2018

TO: Nicholas J. Menninga  
General Manager

FROM: Ted Cherwak  
Sewer Construction Supervisor

RE: Monthly Report: Sewer Construction \ Code Enforcement – December 2017

- | 1. | Permits issued: | Current  | Year to Date |
|----|-----------------|----------|--------------|
| a. | Single family   | 11       | 117          |
| b. | Multiple family | 0        | 1            |
| c. | Commercial      | 0        | 16           |
| d. | Repair          | 0        | 4            |
| e. | Disconnection   | <u>2</u> | <u>71</u>    |
|    | Total           | 13       | 209          |
- 
- | 2. | Inspections made:      | Current  | Year to Date |
|----|------------------------|----------|--------------|
| a. | Connections            | 19       | 134          |
| b. | Finals                 | 12       | 98           |
| c. | Repairs                | 0        | 5            |
| d. | Disconnects            | 4        | 77           |
| e. | Groundwork             | 0        | 4            |
| f. | Walk-Thru              | 0        | 1            |
| g. | Pre-connections        | 0        | 5            |
| h. | Overhead Sewer Program | 1        | 3            |
| i. | Code Enforcement       | 5        | 26           |
| j. | Lateral testing        | <u>6</u> | <u>101</u>   |
|    | Total                  | 47       | 454          |
3. New Sewer Extension Construction:
- a. Rally Homes - Sherman Avenue Sewer Extension
4. New Sewer Extension Testing - air, deflection, manhole, televising and lamping:
- a. M\I Home's Woodview Subdivision, Woodridge
5. Code Enforcement:
- a. Miscellaneous walk-thru inspections
- b. Overhead Sewer Program
- c. Grease Trap Inspections

6. Plan & Permit Reviews:
  - a. 4932 Wallbank, single family review
  - b. 3650 Glendenning, single family review
  - c. 3654 Glendenning, single family review
  - d. 6000 Cumnor, single family review
  - e. 4523 Sherwood, single family review
  - f. 2502 Huntleigh, single family review
  - g. 2504 Huntleigh, single family review
  - h. 2506 Huntleigh, single family review
  - i. 2508 Huntleigh, single family review
  - j. 2510 Huntleigh, single family review
  - k. 2492 Huntleigh, single family review
  - l. 2494 Huntleigh, single family review
  - m. 2496 Huntleigh, single family review
  - n. 2498 Huntleigh, single family review
  - o. 2500 Huntleigh, single family review
  - p. 1010 Ogden, Panda Express Restaurant, tenant finish out plans
  
7. Building Sanitary Service Access Agreements:
  - a. 4701 Lee, Downers Grove
  
8. Illinois EPA Permits:
  - a. Oak Trace Healthcare Center – 200 Village Drive 105 PE
  
9. Waste Hauling Permits Issued:
  - a. None
  
10. Miscellaneous:
  - a. Interviews for inspector position

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

## Progress Report

To: Nick Menninga, General Manager  
From: Reese Berry, Laboratory Supervisor  
Date: January 9, 2018  
Re: December 2017 Laboratory Report

We had no excess sampling events during the month of December. There were 0 permit excursions during December 2017.

### **Industrial/Pretreatment:**

All Industrial customers had inspections completed during the month of December, no violations were found during our visits. All permitted users are following their permits and the requirements we've outlined in them.

We also contacted 5 users we sampled for Total Phosphorus, so we could inspect and understand more about how phosphorus related compounds are used in their business. Phosphorus related compounds can be found in raw materials, cleaners, and sanitizers. We visited 4 of 5 locations in December, but are having difficulty contacting the 5<sup>th</sup>, due to hours outside of DGSD normal operations.

We've found that potential phosphorus containing products are closely related to sanitation at these locations, with 2 locations believing their phosphorus content is tied up in their raw materials for production purposes. All locations have been very helpful and willing to understand how phosphorus impacts our receiving streams and downstream from our facility.

### **Biosolids:**

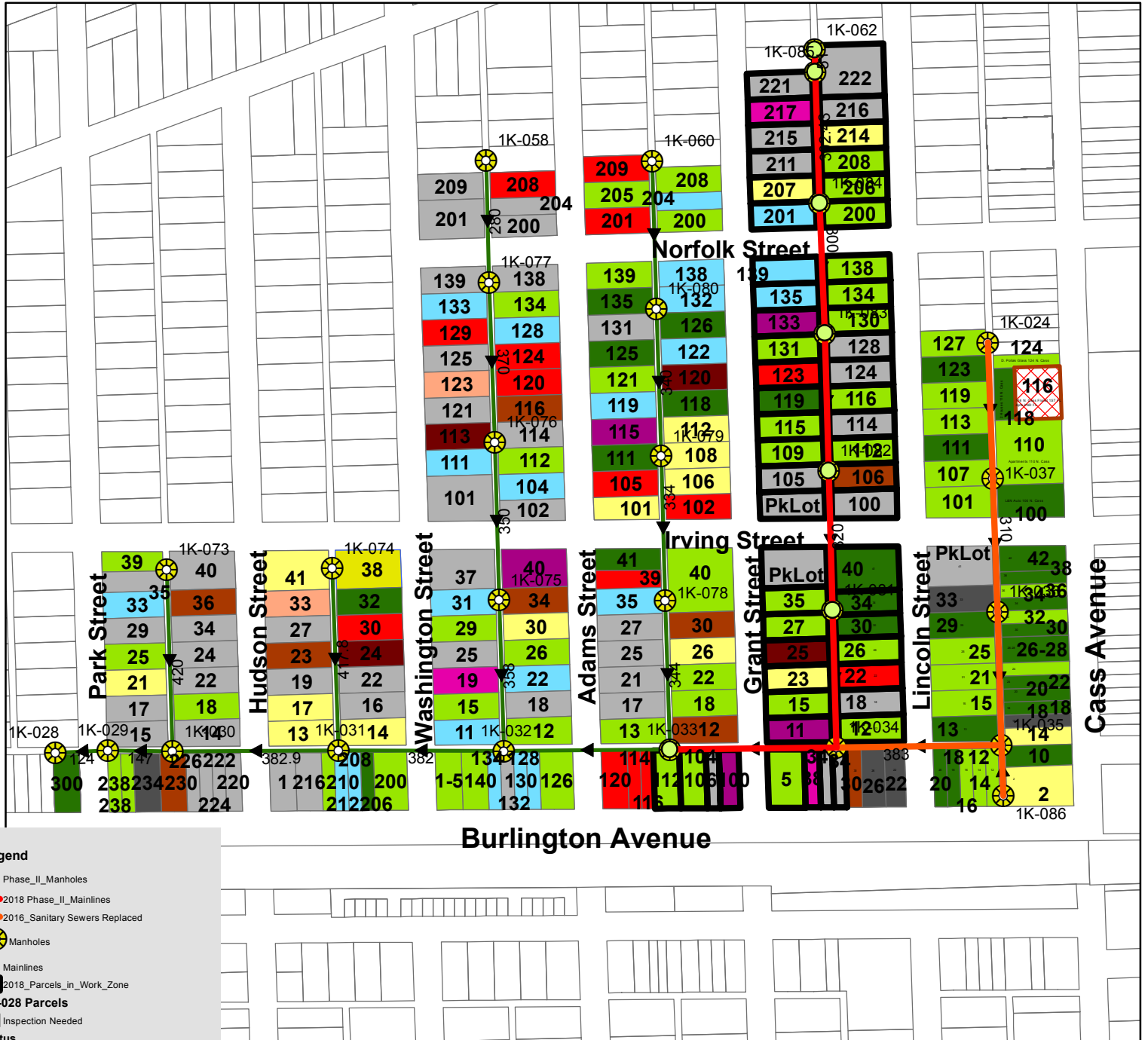
All data from November 2017 was acceptable for our "Class A" biosolids product.

### **NPDES Semi-Annual sampling:**

Samples collected for this project (Influent, Effluent, and Biosolids) were completed, with all data acceptable for our permit requirements.

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

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



**Legend**

- Phase\_II\_Manholes
- 2018 Phase\_II\_Mainlines
- 2016\_Sanitary Sewers Replaced
- Manholes
- Mainlines
- 2018\_Parcels\_in\_Work\_Zone
- 1K-028 Parcels**
- Inspection Needed
- Status**
- 1A Has a Cleanout And All PVC Service
- 1B All PVC Service No OSCO
- 2A C/O Installed, Ready For Rehab
- 2B Agreement Received Ready For C/O
- 2BC Agreements Received, C/O & TV Needed
- 2D BSSRAP/OHSP TV Done
- 3A Released For Cleanout
- 4 Inspection Done Agreements Needed
- 4A Has An Existing Cleanout
- 5 Scheduled For An Inspection
- 5A Inspection Done Qualifies for BSSRAP
- 5B Unable to TV
- 5BX Unable to TV, Violation
- 5X Violation
- X Demolished/Vacant
- Parcels

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

Category	Inspections Scheduled	Inspections Completed	Application Received	Agreements Signed	Cleanout Installed	Service Rehab Done	Totals	Total as Percentage
1A	Y	Y	N	Y	Y	N/A	16	7%
1B	Y	Y	N	N	N	N/A	1	0%
2A	Y	Y	Y	Y	Y	N	60	26%
2B	Y	Y	Y	Y	Y	N	8	3%
2D	Y	Y	Y	N	N	N	2	1%
3A	Y	Y	Y	Y	N	N	9	4%
4	Y	Y	N	N	N	N	30	13%
4A	N	N	N	N	N/A	N	4	2%
5	Y	N	N	N	N	N	0	0%
5A	Y	Y	N	N	N	N	15	7%
5AX	Y	Y	N	N	N	N	0	0%
5B	Y	N	N	N	N	N	22	10%
5BX	Y	N	N	N	N	N	0	0%
0	N	N	N	N	N	N	56	24%
X	-	-	-	-	-	-	5	2%
5X	-	-	-	-	-	-	1	0%

229	100%
10% Complete	

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

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

DATE: 12/31/17

CASH BALANCES			PREVIOUS MONTH		
			TOTAL BALANCE PER BANK STATEMENTS	MONTHLY EARNINGS CREDIT	EARNINGS CREDIT PERCENTAGE
ACCOUNT NAME	ACCOUNT NUMBER	BALANCE PER BANK STATEMENT			
DEPOSIT	XXXXXXXXX1116	\$1,728,670.02			
DISBURSEMENT	XXXXXXXXX1111	240,901.60			
FLEXIBLE BENEFITS	XXXXXXXXX6025	7,326.22			
PAYROLL	XXXXXXXXX1117	212,999.11			
PETTY CASH	XXXXXXXXX1112	4,130.38			
USER REFUNDS	XXXXXXXXX1114	8,418.98			
<b>TOTAL - CASH AT BANK</b>		<b>\$2,202,446.31</b>	<b>\$2,250,833.06</b>	<b>\$670.46</b>	<b>0.0298%</b>

**INVESTMENTS**

TYPE	FINANCIAL INSTITUTION	TERM	MATURITY	AMOUNT	ANNUAL YIELD	GENERAL CORPORATE FUND	IMPROVEMENT FUND	CONSTRUCTION FUND	PUBLIC BENEFIT FUND	SEWER EXTENSION FUND	INTEREST EARNED AT YIELD
CD	BRIDGEVIEW BANK	12 MOS	1/15/2018	\$250,000.00	1.000%		\$207,719.45		\$35,260.73	\$7,019.82	\$2,500.00
CD	FIRST INTERNET BANK	12 MOS	5/14/2018	\$250,000.00	1.350%		\$250,000.00				\$3,375.00
CD	TAB BANK	12 MOS	5/23/2018	\$250,000.00	1.300%		\$250,000.00				\$3,250.00
CD	CIT BANK	12 MOS	11/9/2018	\$245,000.00	1.500%	\$245,000.00					\$3,675.00
CD	TRISTATE CAPITAL	12 MOS	11/9/2018	\$249,990.00	1.590%		\$249,990.00				\$3,974.84
TOTAL CDs				\$1,244,990.00	1.347%	\$245,000.00	\$957,709.45	\$0.00	\$35,260.73	\$7,019.82	\$16,774.84

TYPE	FINANCIAL INSTITUTION	TERM	LAST ACTION DATE	AMOUNT	CURRENT RATE OF RETURN					ESTIMATED ANNUAL RETURN	
MM	BANKFINANCIAL*	ONGOING	3/13/2013	\$250,000.00	0.630%	\$250,000.00				\$1,575.00	
MM	CIT BANK	ONGOING	11/9/2016	\$5,000.00	0.450%	\$5,000.00				\$22.50	
MM	LISLE SAVINGS BANK	ONGOING	9/2/2015	\$250,000.00	0.300%	\$250,000.00				\$750.00	
MM	LUANA SAVINGS BANK	ONGOING	4/2/2012	\$250,000.00	1.000%	\$250,000.00				\$2,500.00	
MM	NATIONWIDE BANK	ONGOING	10/9/2015	\$250,000.00	0.300%		\$250,000.00			\$750.00	
MM	PBI BANK	ONGOING	9/9/2013	\$250,000.00	0.250%		\$250,000.00			\$625.00	
MM	ROYAL BANK fka Park Fed Savings	ONGOING	12/4/2012	\$250,000.00	0.498%	\$250,000.00				\$1,245.00	
MM	STEARNS BANK	ONGOING	9/1/2015	\$250,000.00	1.000%	\$250,000.00				\$2,500.00	
MM	TRISTATE CAPITAL BANK	ONGOING	11/9/2016	\$10.00	0.250%		\$10.00			\$0.03	
MM	WEST SUBURBAN BANK	ONGOING	11/20/2012	\$250,000.00	0.450%		\$250,000.00			\$1,125.00	
TOTAL MM ACCOUNTS				\$2,005,010.00	0.553%	\$1,255,000.00	\$750,010.00	\$0.00	\$0.00	\$0.00	\$11,092.53

ILLINOIS FUNDS - MONEY MARKET				\$26,801.48	1.189%	\$26,801.48	\$0.00	\$0.00	\$0.00	\$0.00	\$318.67
SUBTOTAL - CD'S, MM AND IL FUNDS				\$3,276,801.48	0.860%	\$1,526,801.48	\$1,707,719.45	\$0.00	\$35,260.73	\$7,019.82	\$28,186.04

TYPE	INSTALLMENT INVOICED	CLOSING DATE	AMOUNT	FIXED RATE					
VOUCHERS - SA56	10 OF 10	01/02/18	0.00	6.000%	0.00	0.00	0.00	0.00	0.00
VOUCHERS - SA57	10 OF 10	01/02/18	5,890.32	6.000%	324.83	959.80	4,605.69		353.42
VOUCHERS - SA58	9 OF 10	01/02/19	23,647.69	1.240%	1,322.24	22,325.45	0.00		293.23

TOTAL VOUCHERS				\$29,538.01	2.189%	\$1,647.07	\$23,285.25	\$4,605.69	\$0.00	\$0.00	\$646.65
<b>TOTAL - ALL INVESTMENTS</b>				<b>\$3,306,339.49</b>	<b>0.872%</b>	<b>\$1,528,448.55</b>	<b>\$1,731,004.70</b>	<b>\$4,605.69</b>	<b>\$35,260.73</b>	<b>\$7,019.82</b>	<b>\$28,832.69</b>

\* \$249,900 in a Money Market Account and \$100 in a Business Checking Account

**TOTAL CASH AND INVESTMENTS** \$5,508,785.80

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

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

**General Manager**  
Nicholas J. Menninga

**Legal Counsel**  
Michael G. Philipp

2710 Curtiss Street  
P.O. Box 1412  
Downers Grove, IL 60515-0703  
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*Providing a Better Environment for South Central DuPage County*

**Memo**

To: Board of Trustees  
From: Nick Menninga, General Manager  
Date: January 12, 2018  
Subject: Treasurer's Report for December, 2017

Attached please find the subject report that tracks income and expenses for the first eight months of Fiscal Year 17-18.

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

Year-to-date	Income	Expense
General Fund	\$ 6,185,255.11 (page 1)	\$ 5,288,966.95 (page 6)
Improvement Fund	\$ 107,014.98 (page 7)	\$ 87,069.35 (page 7)
Construction Fund	\$ 519,220.25 (page 8)	\$ 752,411.47 (page 9)
Public Benefit Fund	\$ 235.64 (page 10)	\$ 0.00 (page 10)
<b>TOTAL</b>	<b>\$ 6,811,725.98</b>	<b>\$ 6,128,447.77</b>

C: BOLI, WCC, MGP

=====

Fund number & Description	Ending Fund Balance
-----	
Fund 01 : GENERAL FUND	\$3,289,142.66
Fund 02 : IMPROVEMENT FUND	\$1,906,040.33
Fund 03 : CONSTRUCTION FUND	\$232,949.31
Fund 05 : PUBLIC BENEFIT FUND	\$35,813.03
Recap Totals	<hr/> \$5,463,945.33

TREASURER'S REPORT

DATE 01/11/18  
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/17

PAGE 1

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL		
			CURRENT	CURRENT	BUDGET			BUDGET	
			MONTH	MONTH	Y-T-D	Y-T-D	VARIANCE	%	BUDGET
=====									
DEPT 05	REVENUES								
3000	PROPERTY TAXES		10,132.55-	0	1,144,466.35-	1,149,800-	5,333.65	.5-	1,149,800-
3001	USER RECEIPTS		256,261.80-	291,000-	2,163,773.58-	2,292,100-	128,326.42	5.6-	3,283,100-
3002	SURCHARGES		14,931.99-	25,850-	225,225.01-	206,600-	18,625.01-	9.0	310,000-
3004	PLAN REVIEW FEES		.00	0	2,481.00-	750-	1,731.00-	230.8	1,000-
3005	CONSTRUCTION INSPECTION FEES		.00	0	.00	360-	360.00	100.0-	500-
3006	PERMIT INSPECTION FEES		2,189.00-	1,833-	19,582.00-	14,664-	4,918.00-	33.5	22,000-
3007	INTEREST ON INVESTMENTS		1,364.69-	804-	7,705.76-	6,432-	1,273.76-	19.8	9,650-
3013	SAMPLING AND MONITORING		6,481.52-	5,417-	61,964.14-	43,336-	18,628.14-	43.0	65,000-
3014	REPLACEMENT TAXES		2,517.55-	5,800-	40,376.41-	49,400-	9,023.59	18.3-	79,800-
3015	MISCELLANEOUS INCOME		.00	2,500-	8,586.01-	20,000-	11,413.99	57.1-	30,000-
3021	TELEVISION INSPECTION		.00	0	.00	150-	150.00	100.0-	150-
3023	PROPERTY LEASE PAYMENTS		2,802.74-	2,792-	22,163.87-	22,336-	172.13	.8-	33,500-
3024	MONTHLY SERVICE FEES		281,970.67-	296,000-	2,359,806.22-	2,365,000-	5,193.78	.2-	3,553,200-
3027	GREASE WASTE		17,852.00-	13,333-	124,480.76-	106,664-	17,816.76-	16.7	160,000-
3040	RENEWABLE ENERGY CREDITS		.00	0	4,644.00-	0	4,644.00-	.0	0
=====									
DEPT 05	TOTALS		596,504.51-	645,329-	6,185,255.11-	6,277,592-	92,336.89	1.5-	8,697,700-
=====									
FUND	REVENUE TOTAL		596,504.51-	645,329-	6,185,255.11-	6,277,592-	92,336.89	1.5-	8,697,700-
=====									
DEPT 11	O & M EXPENSES - ADMINISTRATION								
SECT A	SALARIES AND WAGES								
A001	TRUSTEES		.00	0	13,500.00	13,500	.00	.0	18,000
A002	BOLI		.00	0	.00	675	675.00-	100.0-	900
A003	GENERAL MANAGEMENT		10,117.04	20,358	139,389.42	174,668	35,278.58-	20.2-	257,050
A004	FINANCIAL RECORDS		14,389.17	14,228	129,426.05	121,588	7,838.05	6.5	179,450
A005	ADMINISTRATIVE RECORDS		3,366.01	4,452	29,766.27	38,303	8,536.73-	22.3-	56,100
A007	CODE ENFORCEMENT		17,132.09	25,444	220,495.77	213,899	6,596.77	3.1	311,700
A008	SAFETY ACTIVITIES		115.16	202	631.23	1,627	995.77-	61.2-	2,350
A030	BUILDING AND GROUNDS		.00	0	1,445.21	0	1,445.21	.0	0
=====									
SECT A	TOTALS		45,119.47	64,684	534,653.95	564,260	29,606.05-	5.3-	825,550
=====									
SECT B	OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY		229.90	300	1,862.04	3,000	1,137.96-	37.9-	4,000
B101	NATURAL GAS		110.19	300	478.20	1,750	1,271.80-	72.7-	3,000
B102	WATER, GARBAGE AND OTHER UTILITIES		.00	0	1,297.20	740	557.20	75.3	1,000
B110	BANK CHARGES		474.47	1,800	10,467.24	14,400	3,932.76-	27.3-	21,250
B112	COMMUNICATION		1,062.80	1,500	8,760.95	12,000	3,239.05-	27.0-	18,000
B115	EQUIPMENT/EQUIPMENT REPAIR		7,246.75	6,300	55,549.60	75,200	19,650.40-	26.1-	100,000
B116	SUPPLIES		397.64	650	4,143.28	5,200	1,056.72-	20.3-	7,800
B117	EMPLOYEE/DUTY COSTS		1,422.25	1,200	6,440.88	9,600	3,159.12-	32.9-	14,000
B118	BUILDING AND GROUNDS		1,220.87-	0	49,626.04	20,000	29,626.04	148.1	22,000
B119	POSTAGE		3,012.66	1,042	4,226.70	8,336	4,109.30-	49.3-	12,500
B120	PRINTING/PHOTOGRAPHY		1,028.20	300	7,319.54	9,600	2,280.46-	23.8-	10,400
B121	USER BILLING MATERIALS		886.84	6,000	34,473.67	48,000	13,526.33-	28.2-	72,000

TREASURER'S REPORT

DATE 01/11/18  
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/17

PAGE 2

NUMBER	DESCRIPTION	COST		ACTUAL	BUDGET	ACTUAL-	VAR	TOTAL
		CURRENT	CURRENT	MONTH	MONTH	BUDGET		
				Y-T-D	Y-T-D	VARIANCE	%	BUDGET
B124	CONTRACT SERVICES	5,167.50	7,075	75,763.31	56,600	19,163.31	33.9	84,900
B137	MEMBERSHIPS/SUBSCRIPTIONS	.00	0	6,423.00	10,890	4,467.00-	41.0-	12,150
SECT B TOTALS		19,818.33	26,467	266,831.65	275,316	8,484.35-	3.1-	383,000
SECT C VEHICLES								
C222	GAS/FUEL	70.30	200	595.70	1,300	704.30-	54.2-	2,100
C225	OPERATION/REPAIR	5.99	0	145.11	939	793.89-	84.6-	1,250
SECT C TOTALS		76.29	200	740.81	2,239	1,498.19-	66.9-	3,350
DEPT 11 TOTALS		65,014.09	91,351	802,226.41	841,815	39,588.59-	4.7-	1,211,900
DEPT 12 O & M EXPENSES - WWTC								
SECT A SALARIES AND WAGES								
A009	OPERATIONS MANAGEMENT	4,835.42	1,824	74,732.17	15,004	59,728.17	398.1	21,700
A010	MAINTENANCE - BUDGET	.00	43,700	.00	373,150	34,371.82-	9.2-	543,150
A011	MAINTENANCE - WWTC	30,285.45	0	260,024.07	0	.00	.0	0
A012	MAINTENANCE - VEHICLES	457.74	0	3,278.22	0	.00	.0	0
A013	MAINTENANCE - ENERGY RECOVERY	3,448.76	0	26,996.43	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL	4,615.72	0	48,479.46	0	.00	.0	0
A020	WWTC - BUDGET	.00	51,032	.00	432,488	70,038.64-	16.2-	626,900
A021	WWTC - OPERATIONS	24,783.60	0	233,874.29	0	.00	.0	0
A022	WWTC - SLUDGE HANDLING	12,248.05	0	118,314.06	0	.00	.0	0
A023	WWTC - ENERGY RECOVERY	735.61	0	10,261.01	0	.00	.0	0
A030	BUILDING AND GROUNDS	2,286.98	4,044	45,758.45	33,474	12,284.45	36.7	48,450
SECT A TOTALS		83,697.33	100,600	821,718.16	854,116	32,397.84-	3.8-	1,240,200
SECT B OPERATIONS AND MAINTENANCE								
B100	ELECTRICITY	4,055.65	8,050	82,006.79	64,400	17,606.79	27.3	96,600
B101	NATURAL GAS	318.33	1,000	4,073.49	8,000	3,926.51-	49.1-	12,000
B102	WATER, GARBAGE AND OTHER UTILITIES	2,800.57	1,000	17,886.39	21,600	3,713.61-	17.2-	32,000
B103	ODOR CONTROL	619.70	700	3,035.70	5,600	2,564.30-	45.8-	8,000
B104	FUEL - GENERATORS	.00	0	8,036.61	11,250	3,213.39-	28.6-	15,000
B112	COMMUNICATION	2,570.66	1,192	10,366.28	9,536	830.28	8.7	14,300
B113	EMERGENCY/SAFETY EQUIPMENT	628.65	2,033	5,793.11	16,264	10,470.89-	64.4-	24,400
B116	SUPPLIES	1,989.31	2,500	20,491.73	20,000	491.73	2.5	30,000
B117	EMPLOYEE/DUTY COSTS	3,178.10	2,000	11,505.43	17,500	5,994.57-	34.3-	25,000
B124	CONTRACT SERVICES	.00	0	127,218.00	127,200	18.00	.0	127,200
B130	NPDES PERMIT FEES	.00	0	53,000.00	53,000	.00	.0	53,000
B131	SLUDGE HAULING/DISPOSAL SERVICES	.00	0	20,000.00	0	20,000.00	.0	0
B400	CHEMICALS - BUDGET	.00	10,117	.00	80,936	10,899.30-	13.5-	121,400
B401	CHEMICALS - DISINFECTION	.00	0	33,944.80	0	.00	.0	0
B402	CHEMICALS - SLUDGE DEWATERING	1,962.00	0	11,412.00	0	.00	.0	0
B403	CHEMICALS - TERTIARY TREATMENT	.00	0	6,256.15	0	.00	.0	0
B404	CHEMICALS - OTHER	.00	0	18,423.75	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS	5,824.74	5,153	150,039.04	181,224	31,184.96-	17.2-	201,833

TREASURER'S REPORT

DATE 01/11/18  
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/17

PAGE 3

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	ACTUAL-	VAR	TOTAL	
			CURRENT	CURRENT					BUDGET
			MONTH	MONTH	Y-T-D	Y-T-D	%	BUDGET	
B502	EQPT/EQPT REPAIR - DISINFECTION		17,658.42	2,701	19,780.54	21,608	1,827.46-	8.5-	32,414
B503	EQPT/EQPT REPAIR - EXCESS FLOW		.00	707	1,630.32	5,656	4,025.68-	71.2-	8,487
B504	EQPT/EQPT REPAIR - GRIT REMOVAL		3,801.39	2,061	5,575.95	16,488	10,912.05-	66.2-	24,731
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING		.00	3,978	8,087.45	31,824	23,736.55-	74.6-	47,742
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT		4,021.44	4,227	7,884.25	33,816	25,931.75-	76.7-	50,719
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT		2,904.79	7,114	46,678.69	56,912	10,233.31-	18.0-	85,371
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION		.00	265	3,697.21	2,120	1,577.21	74.4	3,183
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING		877.20	3,271	31,786.81	26,168	5,618.81	21.5	39,249
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION		2,158.06	6,921	7,539.06	55,368	47,828.94-	86.4-	83,046
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT		.00	2,297	1,127.71	18,376	17,248.29-	93.9-	27,566
B512	EQPT/EQPT REPAIR - WWTC GENERAL		602.28	3,498	24,165.80	27,984	3,818.20-	13.6-	41,979
B513	EQPT/EQPT REPAIR - WWTC UTILITIES		208,492.97	206,285	315,108.50	288,080	27,028.50	9.4	403,080
B801	BLDG AND GROUNDS - BIOSOLIDS AGING & DISPOS		.00	417	1,172.00	3,336	2,164.00-	64.9-	5,000
B802	BLDG AND GROUNDS - DISINFECTION		.00	44	.00	352	352.00-	100.0-	531
B803	BLDG AND GROUNDS - EXCESS FLOW		.00	297	.00	2,376	2,376.00-	100.0-	3,561
B804	BLDG AND GROUNDS - GRIT REMOVAL		544.25	88	645.74	704	58.26-	8.3-	1,061
B805	BLDG AND GROUNDS - INFLUENT PUMPING		.00	707	5,255.43	5,656	400.57-	7.1-	8,487
B806	BLDG AND GROUNDS - PRIMARY TREATMENT		.00	530	.00	4,240	4,240.00-	100.0-	6,365
B807	BLDG AND GROUNDS - SECONDARY TREATMENT		.00	1,130	.00	9,040	9,040.00-	100.0-	13,561
B809	BLDG AND GROUNDS - SLUDGE DEWATERING		.00	422	.00	3,376	3,376.00-	100.0-	5,061
B810	BLDG AND GROUNDS - SLUDGE DIGESTION		59.16	4,143	4,816.67	33,144	28,327.33-	85.5-	49,713
B811	BLDG AND GROUNDS - TERTIARY TREATMENT		273.82	442	129.24-	3,536	3,665.24-	103.7-	5,305
B812	BLDG AND GROUNDS - WWTC GENERAL		6,133.10	13,218	131,454.48	105,744	25,710.48	24.3	158,613
B813	BLDG AND GROUNDS - WWTC UTILITIES		.00	549	7,308.31	4,392	2,916.31	66.4	6,592
SECT B TOTALS			271,474.59	299,057	1,207,074.95	1,376,806	169,731.05-	12.3-	1,872,150
SECT C VEHICLES									
C222	GAS/FUEL		1,293.87	2,917	13,756.75	23,336	9,579.25-	41.1-	35,000
C225	OPERATION/REPAIR		1,180.11	500	6,212.43	4,000	2,212.43	55.3	6,000
C226	VEHICLE PURCHASES		7,226.00-	0	4,851.00	15,000	10,149.00-	67.7-	15,000
SECT C TOTALS			4,752.02-	3,417	24,820.18	42,336	17,515.82-	41.4-	56,000
DEPT 12 TOTALS			350,419.90	403,074	2,053,613.29	2,273,258	219,644.71-	9.7-	3,168,350
DEPT 13 O & M EXPENSES - LABORATORY									
SECT A SALARIES AND WAGES									
A009	OPERATIONS MANAGEMENT		2,281.95	4,472	33,720.86	39,954	6,233.14-	15.6-	58,800
A040	LABORATORY - BUDGET		.00	13,384	.00	110,226	1,517.55	1.4	157,100
A041	LAB - WWTC		9,582.21	0	92,367.90	0	.00	.0	0
A042	LAB - PRETREATMENT		818.97	0	10,828.58	0	.00	.0	0
A043	LAB - SURCHARGE PROGRAM		.00	0	3,432.64	0	.00	.0	0
A044	LAB - BOD		.00	0	406.11	0	.00	.0	0
A045	LAB - SOLIDS		.00	0	343.97	0	.00	.0	0
A046	LAB - AMMONIA		.00	0	559.23	0	.00	.0	0
A048	LAB - ENERGY RECOVERY		494.77	0	3,805.12	0	.00	.0	0
SECT A TOTALS			13,177.90	17,856	145,464.41	150,180	4,715.59-	3.1-	215,900

TREASURER'S REPORT

DATE 01/11/18  
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/17

PAGE 4

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL-	ACTUAL-	VAR	TOTAL	
			CURRENT	CURRENT					BUDGET
			MONTH	MONTH	Y-T-D	Y-T-D	%	BUDGET	
=====									
SECT B OPERATIONS AND MAINTENANCE									
B114	CHEMICALS		498.12	1,375	5,498.73	11,000	5,501.27-	50.0-	16,500
B115	EQUIPMENT/EQUIPMENT REPAIR		125.39	2,417	27,225.37	19,336	7,889.37	40.8	29,000
B116	SUPPLIES		1,049.79	1,663	8,329.54	13,304	4,974.46-	37.4-	19,950
B117	EMPLOYEE/DUTY COSTS		410.25	458	1,770.29	3,664	1,893.71-	51.7-	5,500
B122	MONITORING EQUIPMENT		.00	0	.00	3,000	3,000.00-	100.0-	4,000
B123	OUTSIDE LAB SERVICES		1,672.83	1,521	8,670.08	12,168	3,497.92-	28.8-	18,250
=====									
SECT B TOTALS			3,756.38	7,434	51,494.01	62,472	10,977.99-	17.6-	93,200
=====									
SECT C VEHICLES									
C222	GAS/FUEL		31.87	83	258.44	664	405.56-	61.1-	1,000
C225	OPERATION/REPAIR		.00	50	51.50	150	98.50-	65.7-	200
=====									
SECT C TOTALS			31.87	133	309.94	814	504.06-	61.9-	1,200
=====									
DEPT 13 TOTALS			16,966.15	25,423	197,268.36	213,466	16,197.64-	7.6-	310,300
=====									
DEPT 14 O & M EXPENSES - SEWER SYSTEM									
SECT A SALARIES AND WAGES									
A050	SEWER MAINTENANCE - BUDGET		.00	12,570	.00	98,820	15,133.13	15.3	146,900
A051	SEWER MAINTENANCE		12,986.80	0	101,136.75	0	.00	.0	0
A054	SEWER MAINTENANCE - BACKUPS AND HIGH FLOWS		1,054.97	0	12,816.38	0	.00	.0	0
A060	INSPECTION - BUDGET		.00	22,380	.00	193,280	14,443.08-	7.5-	284,000
A061	INSPECTION - NEW CONSTRUCTION		494.69	0	1,193.38	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS		3,836.24	0	38,864.55	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS		1,576.00	0	14,926.45	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS		5,523.00	0	54,197.97	0	.00	.0	0
A065	INSPECTION - CONSTR BY VILLAGES, UTILITIES		5,874.90	0	49,018.46	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT		2,374.96	0	20,636.11	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET		.00	846	.00	7,326	194.48-	2.7-	10,800
A072	SEWER INVESTIGATIONS		433.70	0	7,131.52	0	.00	.0	0
=====									
SECT A TOTALS			34,155.26	35,796	299,921.57	299,426	495.57	.2	441,700
=====									
SECT B OPERATIONS AND MAINTENANCE									
B112	COMMUNICATION		1,010.30	875	5,872.33	7,000	1,127.67-	16.1-	10,500
B113	EMERGENCY/SAFETY EQUIPMENT		2,664.00	371	4,133.36	2,968	1,165.36	39.3	4,450
B115	EQUIPMENT/EQUIPMENT REPAIR		476.58	5,654	63,513.94	45,232	18,281.94	40.4	67,850
B116	SUPPLIES		675.57	500	3,551.37	4,000	448.63-	11.2-	6,000
B117	EMPLOYEE/DUTY COSTS		1,517.47	1,000	7,574.70	8,600	1,025.30-	11.9-	13,000
B124	CONTRACT SERVICES		954.29	11,008	66,643.36	88,064	21,420.64-	24.3-	132,100
B127	JULIE SYSTEM		.00	1,083	8,977.62	8,664	313.62	3.6	13,000
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM		.00	0	2,412.50	11,250	8,837.50-	78.6-	15,000
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE		.00	0	1,000.00	9,000	8,000.00-	88.9-	12,000
B900	SEWER SYSTEM REPAIRS - BUDGET		.00	254,167	.00	1,294,136	609,665.60-	47.1-	1,799,000
B901	SEWER SYSTEM REPAIRS - I/I PROGRAM		.00	0	481.00	0	.00	.0	0
B903	SEWER SYSTEM REPAIRS - REHABILITATION		54,756.94	0	68,467.20	0	.00	.0	0

TREASURER'S REPORT

DATE 01/11/18  
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/17

PAGE 5

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM		118,139.43	0	521,679.23	0	.00	.0	0
B911	SEWER SYSTEM REPAIRS - BSSRAP - TARGET I/I		.00	0	910.00	0	.00	.0	0
B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R		.00	0	2,137.38	0	.00	.0	0
B929	ARRA LOAN PRINCIPAL REPAYMENT		.00	0	90,795.59	0	.00	.0	0
SECT B TOTALS			180,194.58	274,658	848,149.58	1,478,914	630,764.42-	42.7-	2,072,900
SECT C VEHICLES									
C222	GAS/FUEL		1,360.07	2,208	10,251.96	17,664	7,412.04-	42.0-	26,500
C225	OPERATION/REPAIR		590.86	442	4,499.52	3,536	963.52	27.3	5,300
C226	VEHICLE PURCHASES		.00	0	36,241.62	25,000	11,241.62	45.0	25,000
SECT C TOTALS			1,950.93	2,650	50,993.10	46,200	4,793.10	10.4	56,800
DEPT 14 TOTALS			216,300.77	313,104	1,199,064.25	1,824,540	625,475.75-	34.3-	2,571,400
DEPT 15 O & M EXPENSES - LIFT STATIONS									
SECT A SALARIES AND WAGES									
A009	OPERATIONS MANAGEMENT		308.69	32	1,777.11	272	1,505.11	553.4	400
A030	BUILDING AND GROUNDS		288.80	0	1,022.35	0	1,022.35	.0	0
A080	LIFT STATION MAINTENANCE		3,780.16	4,914	49,675.98	41,872	7,803.98	18.6	62,250
SECT A TOTALS			4,377.65	4,946	52,475.44	42,144	10,331.44	24.5	62,650
SECT B OPERATIONS AND MAINTENANCE									
B100	ELECTRICITY		3,428.69	9,200	72,615.65	73,600	984.35-	1.3-	110,000
B104	FUEL - GENERATORS		.00	0	.00	4,500	4,500.00-	100.0-	6,000
B112	COMMUNICATION		328.18	433	2,623.50	3,464	840.50-	24.3-	5,200
B113	EMERGENCY/SAFETY EQUIPMENT		.00	0	73.62	250	176.38-	70.6-	250
B116	SUPPLIES		.00	0	175.31	270	94.69-	35.1-	300
B520	EQPT/EQPT REPAIR - BUTTERFIELD		.00	184	1,121.04	1,472	350.96-	23.8-	2,205
B521	EQPT/EQPT REPAIR - CENTEX		.00	169	652.86	1,352	699.14-	51.7-	2,024
B522	EQPT/EQPT REPAIR - COLLEGE		520.00	3,357	1,567.01	26,856	25,288.99-	94.2-	40,280
B523	EQPT/EQPT REPAIR - EARLSTON		.00	377	5,951.00	3,016	2,935.00	97.3	4,524
B524	EQPT/EQPT REPAIR - HOBSON		4,975.66	750	19,696.91	6,000	13,696.91	228.3	9,001
B525	EQPT/EQPT REPAIR - LIBERTY PARK		.00	450	57.80	3,600	3,542.20-	98.4-	5,404
B526	EQPT/EQPT REPAIR - NORTHWEST		.00	514	1,222.49	4,112	2,889.51-	70.3-	6,168
B527	EQPT/EQPT REPAIR - VENARD		.00	441	1,048.00	3,528	2,480.00-	70.3-	5,287
B528	EQPT/EQPT REPAIR - WROBLE		1,059.00	355	16,363.00	2,840	13,523.00	476.2	4,257
B529	EQPT/EQPT REPAIR - LIFT STATIONS GENERAL		4,669.10	3,213	8,898.68	25,704	16,805.32-	65.4-	38,550
B820	BLDG AND GROUNDS - BUTTERFIELD		150.00	208	1,058.00	1,664	606.00-	36.4-	2,500
B821	BLDG AND GROUNDS - CENTEX		150.00	0	1,194.00	0	1,194.00	.0	0
B823	BLDG AND GROUNDS - EARLSTON		150.00	417	4,893.33	3,336	1,557.33	46.7	5,000
B824	BLDG AND GROUNDS - HOBSON		159.07	0	43,805.00	0	43,805.00	.0	0
B825	BLDG AND GROUNDS - LIBERTY PARK		150.00	0	1,088.00	0	1,088.00	.0	0
B826	BLDG AND GROUNDS - NORTHWEST		150.00	0	3,012.50	0	3,012.50	.0	0
B827	BLDG AND GROUNDS - VENARD		150.00	0	1,974.00	0	1,974.00	.0	0
B828	BLDG AND GROUNDS - WROBLE		150.00	208	1,088.00	1,664	576.00-	34.6-	2,500

TREASURER'S REPORT

DATE 01/11/18  
 FUND 01 GENERAL FUND

MONTH ENDED 12/31/17

PAGE 6

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL- BUDGET VARIANCE	VAR %	TOTAL BUDGET
B829	BLDG AND GROUNDS - LIFT STATIONS GENERAL		.00	1,325	2,310.00	10,600	8,290.00-	78.2-	15,900
SECT B TOTALS			16,189.70	21,601	192,489.70	177,828	14,661.70	8.2	265,350
DEPT 15 TOTALS			20,567.35	26,547	244,965.14	219,972	24,993.14	11.4	328,000
DEPT 17	O & M EXPENSES - INSURANCE & EMPLOYEE BENEFITS								
SECT E INSURANCE AND EMPLOYEE BENEFITS									
E452	LIABILITY/PROPERTY		119.98	9,300	152,831.61	178,600	25,768.39-	14.4-	218,200
E455	EMPLOYEE GROUP HEALTH		37,875.35	38,592	300,029.71	308,736	8,706.29-	2.8-	463,100
E460	IMRF		24,135.42	26,000	200,901.44	211,033	10,131.56-	4.8-	315,300
E461	SOCIAL SECURITY		13,201.80	16,850	138,066.74	140,150	2,083.26-	1.5-	209,650
SECT E TOTALS			75,332.55	90,742	791,829.50	838,519	46,689.50-	5.6-	1,206,250
DEPT 17 TOTALS			75,332.55	90,742	791,829.50	838,519	46,689.50-	5.6-	1,206,250
FUND EXPENSE TOTAL			744,600.81	950,241	5,288,966.95	6,211,570	922,603.05-	14.9-	8,796,200
FUND 01 TOTALS			148,096.30	304,912	896,288.16-	66,022-	830,266.16-	1,257.6	98,500

TREASURER'S REPORT

DATE 01/11/18

MONTH ENDED 12/31/17

PAGE 7

FUND 02 IMPROVEMENT FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT			
			MONTH	MONTH			BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		1,396.33-	629-	9,071.44-	5,032-	7,550-
3010	TRUNK SEWER SERVICE CHARGES		.00	7,500-	97,943.54-	60,000-	90,000-
3030	ANNUAL REPAYMENTS		.00	0	.00	0	167,400-
=====							
DEPT 05	TOTALS		1,396.33-	8,129-	107,014.98-	65,032-	264,950-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	46,600	93,200
0515	PAYMENT ON LOAN PRINCIPAL		.00	0	46,595.52	0	0
=====							
DEPT 30	TOTALS		.00	0	46,595.52	46,600	93,200
=====							
DEPT 36	CAPITAL EXP - LIBERTY PARK LIFT STATION UPGRADE						
0500	PROJECT BUDGET		.00	0	.00	0	900,000
0502	DESIGN ENGINEERING/ARCHITECTURAL		.00	0	34,612.21	0	0
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		1,165.00	0	5,516.62	0	0
=====							
DEPT 36	TOTALS		1,165.00	0	40,128.83	0	900,000
=====							
DEPT 74	CAPITAL EXP - SEWER - UNSEWERED AREAS						
0500	PROJECT BUDGET		.00	0	.00	0	7,500
0501	REPORT ENGINEERING/ARCHITECTURAL		.00	0	345.00	0	0
=====							
DEPT 74	TOTALS		.00	0	345.00	0	7,500
=====							
FUND EXPENSE TOTAL			1,165.00	0	87,069.35	46,600	1,000,700
=====							
FUND 02	TOTALS		231.33-	8,129-	19,945.63-	18,432-	735,750
=====							

TREASURER'S REPORT

DATE 01/11/18

MONTH ENDED 12/31/17

PAGE 8

FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT		Y-T-D	
			MONTH	MONTH			BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		.00	138-	.00	1,104-	1,650-
3009	SEWER PERMIT FEES		30,030.00-	20,833-	126,744.00-	166,664-	250,000-
3030	ANNUAL REPAYMENTS		194,600.00-	194,600-	194,600.00-	194,600-	262,850-
3093	GRANT FUNDING		.00	0	197,876.25-	25,000-	25,000-
=====							
DEPT 05	TOTALS		224,630.00-	215,571-	519,220.25-	387,368-	539,500-
=====							
DEPT 30	CAPITAL EXP - ARRA - LOAN REPAYMENTS						
0500	PROJECT BUDGET		.00	0	.00	14,450	28,900
0515	PAYMENT ON LOAN PRINCIPAL		.00	0	14,403.64	0	0
=====							
DEPT 30	TOTALS		.00	0	14,403.64	14,450	28,900
=====							
DEPT 31	CAPITAL EXP - WWTC - CHP BIOGAS						
=====							
DEPT 31	TOTALS		.00	0	.00	0	0
=====							
DEPT 32	CAPITAL EXP - WWTC - SECOND TURBOBLOWER						
=====							
DEPT 32	TOTALS		.00	0	.00	0	0
=====							
DEPT 33	CAPITAL EXP - WWTC - DIGESTER MIXING/GAS PIPING						
=====							
DEPT 33	TOTALS		.00	0	.00	0	0
=====							
DEPT 34	CAPITAL EXP - WWTC - GREASE WASTE DELIVERY RAMP						
=====							
DEPT 34	TOTALS		.00	0	.00	0	0
=====							
DEPT 35	CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2						
0500	PROJECT BUDGET		.00	0	.00	0	400,000
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		2,624.16	0	27,669.73	0	0
0506	CONSTRUCTION CONTRACTS AND PURCHASES		67,625.37	0	304,667.87	0	0
=====							
DEPT 35	TOTALS		70,249.53	0	332,337.60	0	400,000
=====							
DEPT 37	CAPITAL EXP - WWTC - GREASE RECEIVING STATN NO2						
0500	PROJECT BUDGET		.00	0	.00	0	250,000
0502	DESIGN ENGINEERING/ARCHITECTURAL		.00	0	39,551.99	0	0
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH SUPRVI		6,056.24	0	35,339.10	0	0
0506	CONSTRUCTION CONTRACTS AND PURCHASES		84,196.14	0	330,779.14	0	0
=====							
DEPT 37	TOTALS		90,252.38	0	405,670.23	0	250,000
=====							

TREASURER'S REPORT

DATE 01/11/18

MONTH ENDED 12/31/17

PAGE 9

FUND 03 CONSTRUCTION FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT		Y-T-D	
			MONTH	MONTH			BUDGET
=====							
DEPT 38	CAPITAL EXP - WWTC - PROPERTY ACQUISITION						
=====							
DEPT 38	TOTALS		.00	0	.00	0	0
=====							
DEPT 39	CAPITAL EXP - WWTC - GRIT BLOWER REPLACEMENT						
0500	PROJECT BUDGET		.00	0	.00	0	60,000
=====							
DEPT 39	TOTALS		.00	0	.00	0	60,000
=====							
DEPT 40	CAPITAL EXP - WWTC - LOAN REPAYMENT						
=====							
DEPT 40	TOTALS		.00	0	.00	0	0
=====							
FUND EXPENSE TOTAL			160,501.91	0	752,411.47	14,450	738,900
=====							
FUND 03 TOTALS			64,128.09-	215,571-	233,191.22	372,918-	199,400
=====							

TREASURER'S REPORT

DATE 01/11/18

MONTH ENDED 12/31/17

PAGE 10

FUND 05 PUBLIC BENEFIT FUND

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		28.97-	17-	235.64-	136-	200-
			=====				
DEPT 05	TOTALS		28.97-	17-	235.64-	136-	200-
			=====				
DEPT 59	CAPITAL EXP - SEWER - SEWER EXTENSIONS						
			=====				
DEPT 59	TOTALS		.00	0	.00	0	0
			=====				
DEPT 65	CAPITAL EXP - SEWER - REIMB FOR ADDED DEPTH						
			=====				
DEPT 65	TOTALS		.00	0	.00	0	0
			=====				
FUND EXPENSE TOTAL			.00	0	.00	0	0
			=====				
FUND 05	TOTALS		28.97-	17-	235.64-	136-	200-
			=====				

TREASURER'S REPORT

DATE 01/11/18

MONTH ENDED 12/31/17

PAGE 11

FUND 54 SPECIAL ASSESSMENT NO. 54

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT MONTH	CURRENT MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		.00	0	4.88-	0	0
=====							
DEPT 05	TOTALS		.00	0	4.88-	0	0
=====							
DEPT 91	SA EXPENSE						
=====							
DEPT 91	TOTALS		.00	0	.00	0	0
=====							
FUND	EXPENSE TOTAL		.00	0	.00	0	0
=====							
FUND 54	TOTALS		.00	0	4.88-	0	0
=====							

TREASURER'S REPORT

DATE 01/11/18

MONTH ENDED 12/31/17

PAGE 12

FUND 55 SPECIAL ASSESSMENT NO. 55

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		.00	0	189.67-	0	0
=====							
DEPT 05	TOTALS		.00	0	189.67-	0	0
=====							
DEPT 91	SA EXPENSE						
=====							
DEPT 91	TOTALS		.00	0	.00	0	0
=====							
FUND	EXPENSE TOTAL		.00	0	.00	0	0
=====							
FUND 55	TOTALS		.00	0	189.67-	0	0
=====							

TREASURER'S REPORT

DATE 01/11/18 MONTH ENDED 12/31/17  
 FUND 56 SPECIAL ASSESSMENT NO. 56

PAGE 13

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT MONTH	CURRENT MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		99.37-	0	541.75-	0	0
=====							
DEPT 05	TOTALS		99.37-	0	541.75-	0	0
=====							
DEPT 91	SA EXPENSE						
=====							
DEPT 91	TOTALS		.00	0	.00	0	0
=====							
FUND	EXPENSE TOTAL		.00	0	.00	0	0
=====							
FUND 56	TOTALS		99.37-	0	541.75-	0	0
=====							

TREASURER'S REPORT

DATE 01/11/18 MONTH ENDED 12/31/17  
 FUND 57 SPECIAL ASSESSMENT NO. 57

PAGE 14

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT MONTH	CURRENT MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		201.33-	0	201.33-	0	0
=====							
DEPT 05	TOTALS		201.33-	0	201.33-	0	0
=====							
DEPT 91	SA EXPENSE						
=====							
DEPT 91	TOTALS		.00	0	.00	0	0
=====							
FUND	EXPENSE TOTAL		.00	0	.00	0	0
=====							
FUND 57	TOTALS		201.33-	0	201.33-	0	0
=====							

TREASURER'S REPORT

DATE 01/11/18 MONTH ENDED 12/31/17  
 FUND 58 SPECIAL ASSESSMENT NO. 58

PAGE 15

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT MONTH	CURRENT MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		187.82-	0	395.73-	0	0
=====							
DEPT 05	TOTALS		187.82-	0	395.73-	0	0
=====							
DEPT 91	SA EXPENSE						
=====							
DEPT 91	TOTALS		.00	0	.00	0	0
=====							
FUND	EXPENSE TOTAL		.00	0	.00	0	0
=====							
FUND 58	TOTALS		187.82-	0	395.73-	0	0
=====							

TREASURER'S REPORT

DATE 01/11/18

MONTH ENDED 12/31/17

PAGE 16

FUND 71 SEWER EXTENSIONS ESCROW

NUMBER	DESCRIPTION	COST	ACTUAL	BUDGET	ACTUAL	BUDGET	TOTAL
			CURRENT	CURRENT	ACTUAL	BUDGET	TOTAL
			MONTH	MONTH	Y-T-D	Y-T-D	BUDGET
=====							
DEPT 05	REVENUES						
3007	INTEREST ON INVESTMENTS		5.75-	0	46.76-	0	0
			=====				
DEPT 05	TOTALS		5.75-	0	46.76-	0	0
			=====				
DEPT 92	SEWER EXPENSE						
			=====				
DEPT 92	TOTALS		.00	0	.00	0	0
			=====				
FUND	EXPENSE TOTAL		.00	0	.00	0	0
			=====				
FUND 71	TOTALS		5.75-	0	46.76-	0	0
			=====				

## GENERAL MANAGER'S REPORT TO EMPLOYEES

December 22, 2017

### WWTC Operations Data – November

The DMR for November indicates that the final effluent averaged 1.1 CBOD, 0.5 mg/l suspended solids and 0.42 mg/l ammonia nitrogen over a daily average flow of 11.43 MGD. There were no permit excursions in November.

### Financial Data – November

In November, the District received \$744,974 in the General fund, including \$330,160 in user charges, \$45,217 in surcharges and \$311,143 in monthly fees. General fund expenses totaled \$620,716. The Improvement fund had revenues of \$9,221 and expenses of \$2,088. The Construction fund had revenues of \$44,530 and expenses of \$40,332.

### Sewer Permits – November

There were 28 sewer permits issued in November – 21 single family, 3 commercial and 4 disconnections.

### Personnel

We are currently interviewing candidates for both the Electrical Technician and Inspector positions. We hope to have both positions filled by the end of January.

### Policy Prohibiting Sexual Harassment

In compliance with new Public Act 100-0554 signed into law on November 16, 2017, the District's Board of Trustees adopted a new policy prohibiting sexual harassment. The new policy is enclosed and is incorporated into the District's Employee Policy Manual as Section 4.31. All employees are required to sign the acknowledgement form stating that they have received the new policy. Please return the signed form to your supervisor.

### Paid Leave Information

A memo indicating the holidays that will be observed by the District in 2018 is enclosed. On the reverse side is a separate memo indicating personal leave and vacation time for 2018 (for full-time employees). **Please note that the information on this memo is accurate as of December 16, 2017 and any personal or vacation leave taken after that date is not reflected.** The new personal leave and vacation time for 2018 is not reflected on the current pay stub and will be shown on the next pay stub you receive. Employees are encouraged to arrange to use remaining vacation balances, as District policy discourages carrying vacation leave beyond the current year.

### Safety Shoes

Effective January 1, 2018, the amount the District will cover for the cost of a pair of safety shoes is increased to \$200.00 from the current amount of \$155.00. The Red Wing Shoe Store 15%

account discount can improve the value of this benefit. Other vendors can be used, with reimbursement up to the new \$200.00 limit.

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

### **TopHealth**

The January issue of TopHealth is enclosed.

### **Status of Projects**

1) Digester Gas Co-Generation Facility

The CHP equipment continues to run, with minor control adjustments being made by the supplier. JJ Henderson has wrapped up most punch-list item, with one remaining item requiring attention.

2) 2017 Sewer Rehabilitation

The project includes lining the Walnut Avenue sewer from Maple to the plant, and manhole interior coatings. Benchmark Construction has now lined several sections of pipe, and will continue work through January.

3) Grease Receiving Station

Mechanical equipment is mostly installed, with the exception of the progressive cavity pump, expected to be installed by the end of December. We expect the new tank to be operational by January 1.

4) Liberty Park Lift Station Upgrades

The project includes improvements to this lift station to make it into a triplex submersible lift station with a new valve vault, similar to the recent Venard Lift Station Upgrade. Bolder has begun taking equipment delivery, and is expecting to start excavating in January.

**HAPPY HOLIDAYS TO YOU AND YOUR FAMILY!**

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

**January 5, 2018**

### **Personnel**

An offer was extended to one of our applicants for our Electrical Technician position and was accepted. An offer was also extended to one of our applicants for our Inspector position and was accepted. Assuming all conditions of employment are complied with, we anticipate both applicants to begin mid-January.

### **Employee W-2's**

Your W-2 for 2017 is being provided to you today in a separate envelope. Please see Carly or Clay with any questions.

### **Payroll Withholding Status**

Employees are reminded that the Internal Revenue Service revised the tax tables effective January 01, 2018 which may have impacted the amount of tax withheld from an employee's paycheck. Employees may wish to check and/or revise their current federal and state withholding forms with the District. The IRS does offer a withholding calculator online that can assist you in determining the appropriate withholding. The calculator can be found here: <http://apps.irs.gov/app/withholdingcalculator/>. Any inquiries regarding your current withholding status should go to Carly or Clay.

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### **CDL B Renewals**

Those employees of the District in positions that require CDL B licenses are reminded of the following regarding the renewal of their licenses:

- The Office of the Secretary of State of Illinois has identified that there are five (5) locations now in the Chicagoland area where a CDL B license may be renewed:
  - West Chicago (1280 Powis Road, West Chicago, IL 60185)
  - Elk Grove Village (650 Roppolo Drive, Elk Grove Village 60007)
  - Morris (2413 Sycamore Street, Morris, IL 60450)
  - South Holland (41 W. 162<sup>nd</sup> Street, South Holland, IL 60473)
  - Plano (712 E. South Street, Plano, IL 60545)

Detailed pages on each location can be obtained either online using the Secretary of State's Facility Finder or from your supervisor.

- Employees are reimbursed for the difference between the cost of renewing the CDL B component of their license and the cost of renewing a regular Driver's License (currently \$30). Please see Carly, Irene or Clay regarding this reimbursement.
- Employees are responsible for renewing their CDL B license on their own time. In the event a written or driving test **related to the CDL B license** is required, the employee may take those tests (and utilize a District truck) on work time.
- Employees are reminded that when renewing their CDL B license, they will be required to notify the Secretary of State's Office which classification they fit under. Those employees performing District business with their CDL B license should minimally be classified as a **(3) Non-excepted intrastate driver**. Drivers themselves are ultimately responsible for determining their classification and declaring such to the Secretary of State's office. Employees should be aware that their classification could be more stringent if they utilize their CDL B license for performing non-District business that could result in a different classification (along with additional reporting requirements).

### **Sewer Rehabilitation/Infiltration and Inflow Removal**

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### **Status of Projects**

#### 1) Digester Gas Co-Generation Facility

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DG SANITARY

DISTRICT



Dear Alyssa, Clay, and Sam,

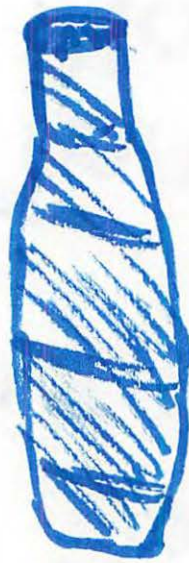
Thank You for keeping our very valued water clean. We appreciate everything you do and for putting time & effort into coming to our school. We learned about the History of toilets and most importantly telling us to figure out the Problem of odor and drying factors of Bio-solids. And thank fully judging our amazing water filters.

Thanks Again,  
Roha ♪

10/16/1

! DG Sanitary!  
! District!

! Thank!  
! you!



Water  
bottle



Thank you so much for  
teaching us about dirty water  
and how it turns into clean  
water by you guys. Also for  
judging us on our water  
filters.

Toilet



Biosolids

From,

Danielle



Thank  
you!!!

DG Sanitary  
District

Thank you,

Alyssa, Clay, Sam, and  
Reese for judging our water  
filters and teaching us ~~what~~  
what you do at the Sanitary  
district. I had a lot of fun  
making and presenting my  
project and learning about the  
Sanitary district.

Your friend,  
Sam (Happy Thanksgiving)

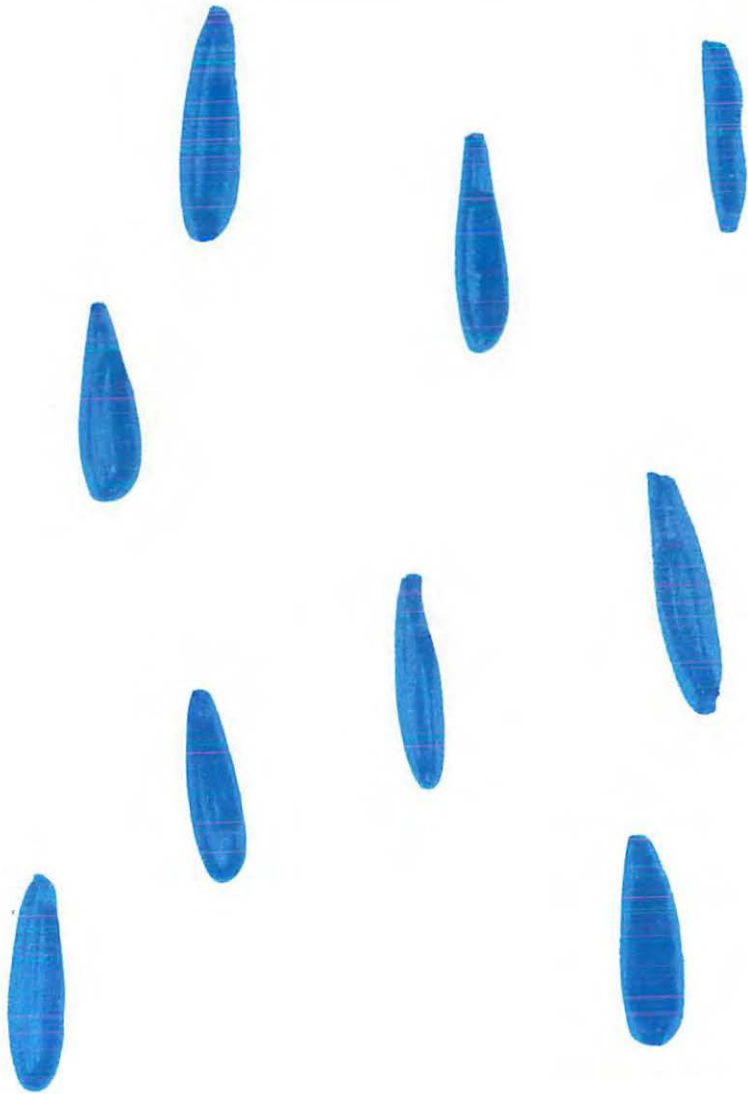
DG Sanitary

Thank  
YOU!

Dear Alyssa, Sam, Clay,

I just want to say thank you for taking time out of your lives to come to our school. I never knew how much it took to clean dirty water! Now, I will always be careful with clean water.

You made a difference,  
Anna



THANK

YOU



Dear Alyssa, Clay & Sam  
Thank you for coming in  
and teaching us about  
Biosolids. I learned  
that being kind to the  
environment is very  
important.

Again, Thank you so  
much!

Sincerely,

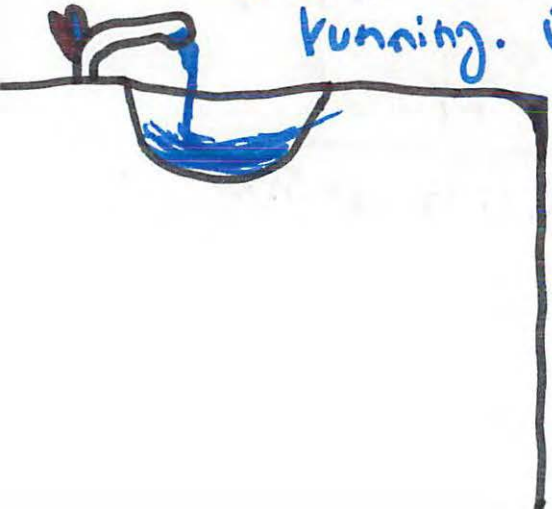
Nonoko

BY: Abo

To,  
DG  
Sanitary  
District

Alyssa, Clay and Jan

Save the water,  
don't leave it  
running. ☺



Thank You for evaluating  
and judging my water filter.  
Also, thanks for teaching  
me something new about  
your place of work. ☺

- Sincerely, Abe

Thank

You!

11-20-17

Alyssa, Clay and Sam,

Thank you for visiting O'Neill  
and teaching the seventh graders  
about waste water and how the  
Sanitary District makes bio-solids.  
I will think about your presentation  
when I turn on the water and flush  
the toilet.

Margaret

THANK

YOU!

DG Sanitary District

my water filter

Not clean water



P.S. Thank you  
for picking  
my partner  
and I to  
win!

Award winning  
project!

Dear Alyssa, Clay and  
Sam,

Thank you so much  
for coming to O'Neill  
middle school. And  
teaching us about  
the history of toilets and  
judging our projects

From,  
Arianna