DOWNERS GROVE SANITARY DISTRICT
GENERAL MANAGER'S REPORT
February 12, 2016

February Board Meeting
Copies of the following items are enclosed for the February 16, 2016 meeting:

1) Proposed Agenda
2) Minutes of January 19, 2016 regular meeting
3) Minutes of January 19, 2016 executive session
4) Claim Ordinance 1838
5) Memo regarding insurance renewals
6) Operations Report – Social Media
7) Five year financial plan and budget for FY 16-17 initial review
8) Memo regarding review and disposition of executive session minutes
9) Annexation Ordinance AO 2016-02, 4330 Lacey Road, Downers Grove

BOLI Meeting
There is a BOLI meeting scheduled for 6:45 pm on February 16, 2016, immediately preceding the regular Board of Trustees meeting. The packet for that meeting is included here.

Operations Reports
Copies of the following are enclosed for January operations:

1) Progress Report from Clay on Administrative Services activities.
2) The WWTC Operations Report from Marc.
3) The 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.

I/I Removal Work
Inspection efforts on private property under the I/I program with the intention of conducting I/I removal is shifting from the 1-M-008 area to the 1-K-028 area. Maps showing progress for both areas are included here, as well as a status summary sheet for 1-K-028. Flow metering continues.

Financial
A copy of the Investment Schedule as of January 31, 2016 is enclosed. The Treasurer's Report for January, 2016 covering the first nine months of FY15-16 is enclosed, along with a summary memo.

Meetings
I attended the following meetings since the January 15, 2016 General Manager's Report:

-January 19 attended Executive Committee meeting of the DRSCW. Larry also attended.
-January 21 gave presentation on the water/energy nexus for the first Utility of the Future Webinar, sponsored by USEPA and NACWA. Slides and webinar information are included here. The webinar can be viewed at http://www.nacwa.org/images/stories/public/2016-01-21enab-wwuotf.mp4.

-January 28 attended Downers Grove Village Administrators meeting.
-January 28 gave presentation on phosphorus removal technologies at the DRSCW workshop for POTW NPDES members. Slides and meeting agenda are included here.
-January 28 attended CSWEA/IAWA collection system committee meeting to plan the June collection system workshop. Bob chaired the meeting, as the CSWEA committee chair.
-February 2 attended telecom with IEPA and DRSCW to discuss ongoing TMDL study being conducted by IEPA in the DRSCW watershed.

Miscellaneous

Copies of the following items are enclosed:

1) General Manager's Reports to Employees dated January 22 and February 5, 2016.
2) Report from Alyssa on District 58 science curriculum assistance.
3) Program documents from Springfield Sanitary District for low income assistance.
4) Village Corner Article from February, 2015 *Downers Grove Suburban Life*, regarding DGSD cooking oil collection with SCARCE.
5) Article from January 27, 2016 *Downers Grove Suburban Life*, 'Village Council waives tax rebate agreement with Lemon Tree.'

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

DOWNERS GROVE SANITARY DISTRICT
BOARD OF TRUSTEES MEETING
FEBRUARY 16, 2016 – 7:00 PM

PROPOSED AGENDA

I. APPROVE MINUTES

   A. REGULAR MEETING – JANUARY 19, 2016
   B. EXECUTIVE SESSION – JANUARY 19, 2016

II. APPROVAL OF CLAIM ORDINANCE NO. 1838

III. PUBLIC COMMENT

IV. OLD BUSINESS

V. NEW BUSINESS

   A. INSURANCE RENEWALS
   B. OPERATIONS REPORT – SOCIAL MEDIA
   C. FIVE YEAR FINANCIAL PLAN AND BUDGET REVIEW – FY 2016-17
   D. REVIEW AND DISPOSITION OF EXECUTIVE SESSION MINUTES
   E. ANNEXATION ORDINANCE AO 2016-02, 4330 LACEY RD, DG

MINUTES

The monthly meeting of the Downers Grove Sanitary District Board of Trustees was held on Tuesday, January 19, 2016, 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, General Manager Nicholas J. Menninga, Administrative Services Director W. Clay Campbell, Sewer Construction Supervisor Ted Cherwak, Laboratory Supervisor D. Reese Berry, Information Coordinator Alyssa J. Cherwak and Attorney Michael G. Philipp. Trustee Donald F. Peters was absent. Trustee Kovacevic served as Acting Clerk.

Minutes of Regular Meeting – December 15, 2015

A motion was made by Trustee Kovacevic seconded by Trustee Van Buren approving the minutes of the regular meeting held on December 15, 2015 as presented and authorizing the President and Acting Clerk to sign same. The motion carried.

Claim Ordinance No. 1837

A motion was made by Trustee Kovacevic seconded by Trustee Van Buren adopting Claim Ordinance No. 1837 in the total amount of $545,664.12 as presented and authorizing the President and Acting Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren and Kovacevic.)

Public Comment – None

Old Business – None

New Business:

Wastewater Treatment Center Operations Summary for 2015

General Manager Menninga presented the 2015 Wastewater Treatment Center Performance Report. He reviewed the report and responded to questions from the Board. The report includes information and comparisons to prior years on flows, available remaining capacity, treatment provided, NPDES permit compliance, sludge quantities produced, biosolids disposal, utilities consumption, digester gas and chemical usage and an overall summary.

Collection System Operations Summary for 2015

General Manager Menninga presented the 2015 Collection System Performance Report as prepared by Sewer System Maintenance Supervisor Robert Swirsky. He reviewed the report and responded to questions from the Board. The report includes information regarding manhole overflows, sewer backups, public sewer blockages and building service blockages.

Collection System Work Plan for 2016

General Manager Menninga presented the Collection System Work Plan for 2016 as prepared by Sewer System Maintenance Supervisor Robert Swirsky. The report includes information on

proposed work on the collection system during 2016 including cleaning and televising sewers, flow metering, the Private Property Infiltration and Inflow Removal Program and the Building Sanitary Service Repair Assistance Program and manhole inspections.

Collection System Construction Summary for 2015

Sewer Construction Supervisor Cherwak presented the 2015 Collection System Construction Summary Report. He reviewed the report and responded to questions from the Board. The report includes information regarding permits issued, annexations, Board of Local Improvements, Illinois EPA permits and public sewer main construction.

Budget Adjustment for FY15-16 - Overhead Sewer Program

Administrative Services Director Campbell requested Board approval of an increase in the budget line item for budget code 01-14.B128 (Fund 01, Cost Reimbursement Program for the Installation of Overhead Sewers or Backflow Prevention Devices) from the original budgeted amount of $15,000.00 to $27,000.00 for Fiscal Year 2015-16 in order to accommodate the additionally anticipated reimbursement expenses under that Program. Staff identified that the increase of $12,000.00 could be matched with a $12,000.00 decrease from the 01-14.B900 budget code (Fund 01, Sewer System – Sewer System Repairs) – as contract bids for sewer lining/rehab work were lower than expected for the year. A motion was made by Trustee Kovacevic seconded by Trustee Van Buren approving the budget line item increase of $12,000.00 for budget code 01-14.B128 and a $12,000.00 decrease for budget code 01-14.B900. The motion carried. (Votes recorded: Ayes–Van Buren and Kovacevic.)

Grant Agreement with Illinois Department of Commerce and Economic Opportunity (DCEO)

General Manager Menninga presented a grant agreement between the District and the Illinois DCEO for the installation of a second CHP unit at the wastewater treatment center. The $49,000 grant is the second portion of the Illinois DCEO's program for implementing CHP technology, covering equipment purchase and installation. A motion was made by Trustee Kovacevic seconded by Trustee Van Buren approving the grant agreement between the District and the Illinois DCEO and authorizing the General Manager to sign same. The motion carried. (Votes recorded: Ayes–Van Buren and Kovacevic.)

Solar Power Evaluation Study – Preliminary Results

General Manager Menninga presented a report on the evaluation of potential solar power at three of the District's lift stations. Also presented was a draft Request for Proposals and Power Purchase Agreement intended to solicit proposals from developers to determine economic feasibility of solor power at certain District facilities.

Recapture Agreement – College Road, Downers Grove

Sewer Construction Supervisor Cherwak presented a Recapture Agreement between the District and a private developer, Refajet Rexhepi. The Agreement is for a sanitary sewer extension on College Road between Belmont Road and Chase Road in Downers Grove. A motion was made by Trustee Van Buren seconded by Trustee Kovacevic approving the Recapture Agreement for the sanitary sewer extension on College Road between Belmont Road and Chase Road in Downers Grove and

authorizing the General Manager and Assistant Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren and Kovacevic.)

Annexation Ordinance No. AO 2016-01 – 2232 College Road, Downers Grove

Sewer Construction Supervisor Cherwak presented Annexation Ordinances No. AO 2016-01 for the annexation of one lot located at 2232 College Road, Downers Grove. A motion was made by Trustee Kovacevic seconded by Trustee Van Buren accepting the Petition for Annexation, adopting Annexation Ordinance No. AO 2016-01 as presented and authorizing the President and Acting Clerk to sign same. The motion carried. (Votes recorded: Ayes–Van Buren and Kovacevic.)

Investment in Certificates of Deposit – Bridgeview Bank

Administrative Services Director Campbell presented a certificate of deposit with a term of twelve months in the amount of $250,000 that staff had invested at Bridgeview Bank at an interest rate of 0.65%. This certificate of deposit is secured by the Federal Deposit Insurance Corporation. A motion was made by Trustee Kovacevic seconded by Trustee Van Buren ratifying staff's actions investing the funds for the District. The motion carried. (Votes recorded: Ayes–Van Buren and Kovacevic.)

Final IEPA Loan Agreement for ARRA/WPCLP

General Manager Menninga presented a final loan agreement from the Illinois Environmental Protection Agency (IEPA) covering the funding of certain District projects through the State's Water Pollution Control Loan Program/American Reinvestment and Recovery Act of 2009 programs. The loan agreement covers the thirteen projects which staff had pursued in 2009 to obtain funding. The final loan agreement and associated repayment schedule was consistent with the District's accounting of the amounts received under the programs. A motion was made by Trustee Van Buren seconded by Trustee Kovacevic approving the final loan agreement and authorizing the General Manager to sign same. The motion carried. (Votes recorded: Ayes–Van Buren and Kovacevic.)

Other New Business

Trustee Kovacevic welcomed the new Accounting Assistant Carly Shaw to the District. She also mentioned she was looking forward to staff's presentation to 7th grade students at O'Neill Middle School on January 22 and 25 regarding the District's biosolids program. Finally, she thanked all staff who put in long difficult hours working during the six excess flow events in December.

A motion was made by Trustee Kovacevic seconded by Trustee Van Buren to recess the regular meeting and convene an executive session at 7:43 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the compensation and performance of specific employees of the District and exception 2(c)11 of the Open Meetings Act to discuss probable or imminent litigation. The motion carried. (Votes recorded: Ayes-Van Buren and Kovacevic.)

A motion was made by Trustee Peters seconded by Trustee Kovacevic to reconvene the regular meeting at 8:19 p.m. The motion carried. (Votes recorded: Ayes-Van Buren and Kovacevic.)

A motion was made by Trustee Kovacevic seconded by Trustee Van Buren to adjourn the regular meeting at 8:24 p.m. The motion carried.

Approved: February 16, 2016

_____
President

Attest: _____
Clerk

Downers Grove, Illinois

Date: February 16, 2016

Claim Ordinance No. 1838

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 **$ 519,336.48** being in words and figures as follows:

GENERAL LEDGER RECAP

DATE 01/18/16 PERIOD END 01/15/16 PAGE 4

PAYROLL ENDING 01-15-16
PAYROLL PAID 01-19-16
GL DATE 02-29-16

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		15618.83-
01-00.2000	FEDERAL TAX WITHHELD		2472.13-
01-00.2001	STATE TAX WITHHELD		825.43-
01-00.2002	SOCIAL SECURITY WITHHELD		1962.64-
01-00.2003	IMRF WITHHELD		1271.85-
01-00.2013	CREDIT UNION WITHHELD		750.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1263.33-
01-00.2020	DEFERRED COMPENSATION WITHHELD		1375.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		345.75-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		135.01-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		17.33-
01-11.A003	GENERAL MANAGEMENT	6829.98	
01-11.A004	FINANCIAL RECORDS	462.98	
01-11.A007	CODE ENFORCEMENT	8160.97	
01-11.A008	SAFETY ACTIVITIES	30.35	
01-12.A009	OPERATIONS MANAGEMENT	5441.92	
01-12.A011	MAINTENANCE - WWTC	1538.04	
01-12.A021	WWTC OPERATIONS	217.80	
01-13.A009	OPERATIONS MANAGEMENT	3124.50	
01-13.A042	LAB - PRETREATMENT	69.65	
01-14.A054	SEWER MAINTENANCE - BACK-UPS & HIGH FLOWS	73.09	
01-14.A066	INSPECTION - CODE ENFORCEMENT	88.02	
		26037.30	26037.30-

GENERAL LEDGER RECAP

DATE 01/20/16 PERIOD END 01/16/16 PAGE 6

PAYROLL ENDING 01-16-16
PAYROLL PAID 01-22-16
GL DATE 02-29-16

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		44523.25-
01-00.2000	FEDERAL TAX WITHHELD		10536.45-
01-00.2001	STATE TAX WITHHELD		2514.91-
01-00.2002	SOCIAL SECURITY WITHHELD		5423.02-
01-00.2003	IMRF WITHHELD		3148.14-
01-00.2005	CLEARING		79.20-
01-00.2012	WAGE DEDUCTION ORDER		950.31-
01-00.2013	CREDIT UNION WITHHELD		2821.31-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		691.72-
01-00.2020	DEFERRED COMPENSATION WITHHELD		96.46-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		389.00-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		847.92-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		104.00-
01-11.A003	GENERAL MANAGEMENT	1030.65	
01-11.A004	FINANCIAL RECORDS	7941.39	
01-11.A005	ADMINISTRATIVE RECORDS	1500.68	
01-11.A007	CODE ENFORCEMENT	4165.20	
01-11.A008	SAFETY ACTIVITIES	52.52	
01-11.A030	BUILDING & GROUNDS	918.00	
01-12.A009	OPERATIONS MANAGEMENT	284.40	
01-12.A011	MAINTENANCE - WWTC	14784.60	
01-12.A012	MAINTENANCE - VEHICLES	395.36	
01-12.A014	MAINTENANCE - ELECTRICAL	830.40	
01-12.A021	WWTC OPERATIONS	11403.61	
01-12.A022	WWTC SLUDGE HANDLING	5396.18	
01-12.A030	BUILDING & GROUNDS	2261.84	
01-13.A041	LAB - WWTC	4562.83	
01-14.A051	SEWER MAINTENANCE	2099.32	
01-14.A054	SEWER MAINTENANCE - BACK-UPS & HIGH FLOWS	239.46	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	3799.09	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	828.10	
01-14.A064	INSPECTION - MISCELLANEOUS	2166.92	
01-14.A065	INSPECTION-CONSTR BY VILLAGES, UTILITIES	2979.41	
01-14.A066	INSPECTION - CODE ENFORCEMENT	3244.80	
01-14.A072	SEWER INVESTIGATIONS	451.24	
01-15.A080	LIFT STATION MAINTENANCE	789.69	
		72125.69	72125.69-

GENERAL LEDGER RECAP

DATE 02/02/16 PERIOD END 01/31/16 PAGE 4

Payroll Ending 01-31-16
Payroll Paid 02-03-16
GL Date 02-29-16

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		18452.87-
01-00.2000	FEDERAL TAX WITHHELD		2714.21-
01-00.2001	STATE TAX WITHHELD		958.84-
01-00.2002	SOCIAL SECURITY WITHHELD		2234.78-
01-00.2003	IMRF WITHHELD		1271.34-
01-00.2013	CREDIT UNION WITHHELD		750.00-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		1262.74-
01-00.2017	VOLUNTARY GROUP LIFE		80.00-
01-00.2020	DEFERRED COMPENSATION WITHHELD		1375.00-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		345.75-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		143.01-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		17.33-
01-11.A001	TRUSTEES	4500.00	
01-11.A003	GENERAL MANAGEMENT	7365.96	
01-11.A004	FINANCIAL RECORDS	215.21	
01-11.A007	CODE ENFORCEMENT	8263.16	
01-11.A008	SAFETY ACTIVITIES	44.70	
01-12.A009	OPERATIONS MANAGEMENT	4204.53	
01-12.A011	MAINTENANCE - WWTC	606.60	
01-12.A021	WWTC OPERATIONS	265.05	
01-13.A009	OPERATIONS MANAGEMENT	3034.59	
01-13.A041	LAB - WWTC	39.80	
01-13.A042	LAB - PRETREATMENT	908.85	
01-13.A045	LAB - SOLIDS	60.07	
01-13.A046	LAB - AMMONIA	59.70	
01-15.A080	LIFT STATION MAINTENANCE	37.65	
		29605.87	29605.87-

GENERAL LEDGER RECAP

DATE 02/03/16 PERIOD END 01/30/16 PAGE 5

Payroll Ending 01/30/16
Paid Date 02/05/16
GL Date 02/29/16

G/L NUMBER	COST DESCRIPTION	DEBIT	CREDIT
01-00.1001	CASH - PAYROLL ACCOUNT		44255.16-
01-00.2000	FEDERAL TAX WITHHELD		10264.22-
01-00.2001	STATE TAX WITHHELD		2485.66-
01-00.2002	SOCIAL SECURITY WITHHELD		5372.57-
01-00.2003	IMRF WITHHELD		3111.14-
01-00.2005	CLEARING		79.20-
01-00.2012	WAGE DEDUCTION ORDER		950.31-
01-00.2013	CREDIT UNION WITHHELD		2821.31-
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION		689.34-
01-00.2020	DEFERRED COMPENSATION WITHHELD		96.76-
01-00.2021	FLEXIBLE ACCOUNT WITHHELD - MEDICAL		389.00-
01-00.2024	FLEXIBLE ACCOUNT WITHHELD - PREM CONVERSION		847.92-
01-00.2025	EMPLOYEE INS PREM CONTRIBUTION - POST TAX		104.00-
01-11.A003	GENERAL MANAGEMENT	1721.28	
01-11.A004	FINANCIAL RECORDS	9774.26	
01-11.A005	ADMINISTRATIVE RECORDS	971.25	
01-11.A007	CODE ENFORCEMENT	4100.32	
01-11.A008	SAFETY ACTIVITIES	131.30	
01-11.A030	BUILDING & GROUNDS	52.00	
01-12.A011	MAINTENANCE - WWTC	13238.28	
01-12.A014	MAINTENANCE - ELECTRICAL	2134.16	
01-12.A021	WWTC OPERATIONS	10823.92	
01-12.A022	WWTC SLUDGE HANDLING	4552.40	
01-12.A030	BUILDING & GROUNDS	1991.94	
01-13.A041	LAB - WWTC	4148.81	
01-14.A051	SEWER MAINTENANCE	2181.33	
01-14.A054	SEWER MAINTENANCE - BACK-UPS & HIGH FLOWS	125.28	
01-14.A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	5431.08	
01-14.A063	INSPECTION - PERMIT INSPECTIONS	1412.60	
01-14.A064	INSPECTION - MISCELLANEOUS	2665.38	
01-14.A065	INSPECTION-CONSTR BY VILLAGES, UTILITIES	1800.71	
01-14.A066	INSPECTION - CODE ENFORCEMENT	2504.76	
01-14.A072	SEWER INVESTIGATIONS	222.11	
01-15.A080	LIFT STATION MAINTENANCE	1483.42	
		71466.59	71466.59-

CHECK NUMBER	VENDOR NUMBER	NAME	PURCHASE ORDER NBR	INVOICE NUMBER	INVOICE DATE	EXPENSES	G/L NUMBER	DISCOUNT	AMOUNT PAID	CHECK AMOUNT
057947	A000074	ATP ENTERPRISE GROUP INC.	0	3	01/14/16	42951.72	01-12.B812	.00	42951.72	42951.72
057948	A000085	AT & T MOBILITY	0	831873915	02/03/16	50.76	01-15.B112	.00	50.76	50.76
057949	A000092	ACCURATE TANK TECHNOLOGIES	0	24851	01/29/19	315.00	01-12.B104	.00	315.00	315.00
057950	A000095	ACE HARDWARE	0	326407/3	01/28/16	16.97	01-12.B812	.00	16.97	16.97
057951	A000153	ADVANCED DISPOSAL	0	T80002000302	01/31/16	231.13	01-12.B102	.00	231.13	231.13
057952	A000255	ALLIED WASTE SERVICE	0	012265688	01/15/16	72.37	01-12.B102	.00	72.37	
			0	012288029	01/31/16	1135.09	01-12.B102	.00	1135.09	1207.46
057953	A000380	ANALYTICAL SERVICES, INC.	0	26023	12/24/15	730.00	01-13.B123	.00	730.00	730.00
057954	A000382	ANALYTICAL TECHNOLOGY, INC	0	125109	01/19/16	317.31	01-12.B502	.00	317.31	317.31
057955	A000460	ARAMARK	0	2080396284	01/19/16	65.71	01-12.B117	.00	65.71	
			0	2080396284	01/19/16	27.74	01-14.B117	.00	27.74	
			0	2080406367	01/26/16	65.71	01-12.B117	.00	65.71	
			0	2080406367	01/26/16	27.74	01-14.B117	.00	27.74	
			0	2080416174	02/02/16	65.71	01-12.B117	.00	65.71	
			0	2080416174	02/02/16	27.74	01-14.B117	.00	27.74	
			0	2080426105	02/09/16	64.98	01-12.B117	.00	64.98	
			0	2080426105	02/09/16	27.02	01-14.B117	.00	27.02	372.35
057956	A000600	AUTOZONE - AZ COMMERCIAL	0	22576204498	01/28/16	3.99	01-12.B116	.00	3.99	
			0	2576193861	01/15/16	15.98	01-12.B501	.00	15.98	
			0	2576197574	01/19/16	12.29	01-15.B522	.00	12.29	
			0	2576197574	01/19/16	12.28	01-15.B528	.00	12.28	
			0	2581579364	02/09/16	29.99	01-15.B529	.00	29.99	74.53
057957	B000120	BAXTER & WOODMAN, INC.	0	0184222	01/21/16	408.58	01-14.B902	.00	408.58	
			0	0184411	01/26/16	2469.27	01-14.B124	.00	2469.27	
			0	0184412	01/26/16	3078.75	01-11.B124	.00	3078.75	
			0	0184413	01/26/16	1287.50	01-11.B124	.00	1287.50	
			0	0184449	02/01/16	6259.71	01-11.B115	.00	6259.71	
			0	0184450	02/01/16	5640.64	01-15.B529	.00	5640.64	19144.45
057958	B000150	DORRANCE BERRY	0	IWEA	02/03/16	65.00	01-13.B117	.00	65.00	65.00
057959	B000253	BLACKSTONE LABORATORIES	0	93981	01/31/16	53.00	01-12.B513	.00	53.00	53.00
057960	C000073	CALLONE	0	1214468	02/15/16	711.95	01-11.B112	.00	711.95	
			0	1214468	02/15/16	105.04	01-12.B112	.00	105.04	
			0	1214468	02/15/16	162.25	01-15.B112	.00	162.25	979.24
057961	C000075	WILLIAM C CAMPBELL	0	TONER CART	02/04/16	82.86	01-11.B115	.00	82.86	82.86
057962	C000091	CATCHING FLUID POWER, INC.	0	6060460	02/04/16	160.17	01-12.B501	.00	160.17	160.17
057963	C000130	CERTIFIED BALANCE & SCALE CORP		22149	01/27/16	932.00	01-13.B115	.00	932.00	932.00
057964	C000190	CHEM-WISE ECOLOGICAL	0	396671	01/21/16	50.00	01-12.B812	.00	50.00	50.00
057965	C000240	CHICAGO METROPOLITAN FIRE	0	00120943	01/01/16	60.00	01-12.B112	.00	60.00	60.00
057966	C000290	THOMAS CHLUMECKY &	514 GRANT	OVERHEAD	02/16/16	2712.50	01-14.B128	.00	2712.50	2712.50
057967	C000320	CINTAS FIRST AID & SAFETY	0	5004403929	01/26/16	163.81	01-12.B113	.00	163.81	163.81
057968	C000370	COLLEY ELEVATOR CO.	0	146469	01/31/16	186.00	01-12.B812	.00	186.00	186.00
057969	C000373	COMCAST	0	1200550568	02/03/16	149.85	01-11.B112	.00	149.85	149.85
057970	C000380	COMED	COLLEGE	005502507	01/21/16	343.54	01-15.B100	.00	343.54	
			CENTEX	0068029014	01/21/16	102.93	01-15.B100	.00	102.93	
			WROBLE	0120089072	01/21/16	636.81	01-15.B100	.00	636.81	
			LIB PK	0458029046	01/21/16	284.51	01-15.B100	.00	284.51	
			VENARD	0562080004	01/27/16	371.22	01-15.B100	.00	371.22	
			NW	1095091170	01/26/16	744.51	01-15.B100	.00	744.51	
			0	1108062005	02/01/16	97.95	01-11.B100	.00	97.95	
			0	1108062005	02/01/16	6555.82	01-12.B100	.00	6555.82	
			EARLSTON	1810068039	01/21/16	244.15	01-15.B100	.00	244.15	
			BFIELD	3240038012	01/21/16	137.44	01-15.B100	.00	137.44	

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			WAL HSE	6770572011	01/29/16	98.90	01-15.B100	.00	98.90	
			BIG TOP	8762083052	01/29/16	68.32	01-15.B100	.00	68.32	9686.10
057971	C000400	COMPBENEFITS	0	32660465	01/22/16	2374.14	01-17.E455	.00	2374.14	2374.14
057972	C000470	G COOPER OIL COMPANY INC.	0	25797	02/09/16	861.00	01-12.B116	.00	861.00	861.00
057973	C000660	CURTIS MARTIN GROUP, INC.	0	5150	01/16/16	930.00	01-11.B115	.00	930.00	
			0	5179	02/08/16	540.00	01-11.B115	.00	540.00	1470.00
*057974	D000220	DELTA SONIC	0	8677848	01/01/16	4.99	01-13.C225	.00	4.99	4.99
057976	D000420	D.G. SANIT DIST #2695031181014		REFUNDS	02/05/16	1956.36	01-05.3001	.00	1956.36	1956.36
057977	D000440	D.G. SANIT DIST #2695030221012		CK3383-85	02/16/16	268.70	01-13.B116	.00	268.70	
			0	CK3383-85	02/16/16	150.00	01-13.B117	.00	150.00	418.70
057978	D000480	VILLAGE OF DOWNERS GROVE	FUEL	110510	12/31/15	55.01	01-11.C222	.00	55.01	
			FUEL	110510	12/31/15	8.43	01-12.B104	.00	8.43	
			FUEL	110510	12/31/15	190.49	01-12.B812	.00	190.49	
			FUEL	110510	12/31/15	877.25	01-12.C222	.00	877.25	
			FUEL	110510	12/31/15	25.76	01-13.C222	.00	25.76	
			FUEL	110510	12/31/15	660.27	01-14.C222	.00	660.27	
			DP	110551	01/15/16	396.08	01-11.B121	.00	396.08	
			VOC	110562	01/15/16	29.79	01-11.B112	.00	29.79	2243.08
057979	D000500	DREISILKER ELECTRIC MOTORS 0NC.		1994012	01/18/16	128.08	01-12.B812	.00	128.08	128.08
057980	D000540	DRYDON EQUIPMENT INC.	0	10516	01/15/16	1460.41	01-12.B502	.00	1460.41	1460.41
057981	D000620	DUPAGE COUNTY RECORDER	0	201602100152	02/10/16	32.00	01-11.B124	.00	32.00	32.00
057982	D000800	DYNEGY ENERGY SERVICES	0	1108062005	02/03/16	163.95	01-11.B100	.00	163.95	
			0	1108062005	02/03/16	10958.98	01-12.B100	.00	10958.98	
			0	VARIOUS	01/25/16	5731.02	01-15.B100	.00	5731.02	16853.95
057983	E000480	EXODUS TECHNOLOGY SERVICE	0	16-207	01/31/16	731.25	01-11.B115	.00	731.25	731.25
057984	E000600	EYE MED VISION CARE	0	9043469	02/01/16	432.84	01-17.E455	.00	432.84	432.84
057985	F000040	FACTORY AUTHORIZED PARTS COOP.		107453S	01/19/16	228.72	01-12.B802	.00	228.72	228.72
057986	F000060	FASTENAL COMPANY	0	ILWES46067	01/27/16	26.93	01-12.B506	.00	26.93	
			0	ILWES46098	01/29/16	20.02	01-12.B113	.00	20.02	46.95
057987	F000295	FOX VALLEY SANDBLASTING &	0	28801	02/10/16	750.00	01-12.B501	.00	750.00	750.00
057988	F000500	FULLSERV OIL CHANGE	M151311	093953	01/06/16	38.08	01-14.C225	.00	38.08	
			M206679	094857	01/12/16	38.08	01-14.C225	.00	38.08	
			M191930	095189	01/26/16	42.17	01-12.C225	.00	42.17	
			M188950	095215	01/27/16	33.99	01-11.C225	.00	33.99	
			M170226	095306	02/01/16	42.17	01-12.C225	.00	42.17	194.49
057989	G000200	GASVODA & ASSOCIATES INC.	0	16IPTS0062	02/04/16	6905.47	01-12.B510	.00	6905.47	6905.47
057990	G000250	GEE HEATING AND AIR	0	6859	01/07/16	2600.00	01-12.B812	.00	2600.00	
			0	6865	01/19/16	375.00	01-12.B812	.00	375.00	2975.00
057991	G000410	GLENBARD ELECTRIC SUPPLY IN0		1178649-02	01/15/16	116.50	01-12.B812	.00	116.50	
			0	1181100-01	02/03/16	32.54	01-12.B510	.00	32.54	
			0	1181172-01	02/04/16	144.00	01-12.B510	.00	144.00	293.04
057992	G000418	GLOBAL EQUIPMENT COMPANY	0	108934952	12/28/15	14.12	01-14.B113	.00	14.12	
			0	108942982	12/30/15	18.67	01-14.B113	.00	18.67	
			0	109014664	01/19/16	1889.35	01-14.B113	.00	1889.35	
			0	109073221	02/02/16	641.58	01-14.B113	.00	641.58	2563.72
057993	G000520	W. W. GRAINGER, INC.	0	9001781542	01/19/16	14.22	01-12.B812	.00	14.22	
			0	9001781567	01/19/16	46.72	01-12.B812	.00	46.72	
			0	9002462753	01/19/16	11.76	01-12.B116	.00	11.76	
			0	9005676102	01/22/16	286.80	01-12.B512	.00	286.80	
			0	9006135744	01/22/16	19.32	01-12.B512	.00	19.32	
			0	9009260192	01/26/16	16.44	01-12.B513	.00	16.44	
			0	9010393552	01/27/16	70.42	01-15.B529	.00	70.42	

* CK #057975 VOIDED

CHECK NUMBER	VENDOR NUMBER	NAME	PURCHASE ORDER NBR	INVOICE NUMBER	INVOICE DATE	EXPENSES	G/L NUMBER	DISCOUNT	AMOUNT PAID	CHECK AMOUNT
			0	9011180842	01/28/16	109.44	01-12.B812	.00	109.44	
			0	9012047578	01/29/16	86.46	01-12.B812	.00	86.46	
			0	9012047586	01/29/16	10.79	01-15.B529	.00	10.79	
			0	9013461380	02/01/16	212.12	01-12.B510	.00	212.12	
			0	9013907200	02/01/16	83.88	01-12.B512	.00	83.88	
			0	9014244777	02/02/16	13.04	01-12.B116	.00	13.04	
			0	9014244785	02/02/16	19.00	01-12.B116	.00	19.00	
			0	9015416606	02/04/16	644.84	01-12.B812	.00	644.84	
			0	9016949134	02/04/16	40.40	01-12.B113	.00	40.40	
			0	9018836487	02/05/16	81.03	01-12.B812	.00	81.03	
			0	9019970251	02/08/16	154.30	01-13.B114	.00	154.30	
			0	9936432666	01/12/16	87.08-	01-12.B812	.00	87.08-	1833.90
057994	H000040	HACH COMPANY	0	9757259	01/19/16	4465.47	01-14.B115	.00	4465.47	
			LAB999	9787525	02/09/16	516.66	01-13.B114	.00	516.66	4982.13
057995	H000090	HARRINGTON IND. PLASTICS LL	0	023C3368	01/18/16	545.09	01-12.B802	.00	545.09	545.09
057996	H000400	HOME DEPOT	0	0024184	02/08/16	21.94	01-12.B804	.00	21.94	
			0	0084147	01/19/16	65.15	01-12.B116	.00	65.15	
			0	3013286	01/26/16	21.34	01-11.B118	.00	21.34	
			0	3023042	01/26/16	37.07	01-11.B118	.00	37.07	
			0	4571887	01/15/16	27.93	01-14.B910	.00	27.93	
			0	4584449	01/15/16	15.71	01-14.B115	.00	15.71	
			0	7013014	01/22/16	52.58	01-12.B812	.00	52.58	
			0	7063868	02/01/16	15.96	01-11.B116	.00	15.96	
			0	7063868	02/01/16	41.44	01-12.B116	.00	41.44	
			0	7093773	02/01/16	318.83	01-12.B812	.00	318.83	
			0	9064360	02/09/16	74.49	01-12.B116	.00	74.49	
			0	9564406	02/19/16	117.44	01-12.B502	.00	117.44	809.88
057997	I000060	ITR SYSTEMS	0	91807	01/08/16	2698.00	01-11.B115	.00	2698.00	2698.00
057998	I000350	ILLINOIS PUBLIC RISK FUND	0	33936	01/21/16	8155.00	01-17.E452	.00	8155.00	8155.00
057999	J000060	JAKE'S MACHINING INC.	0	36818	02/04/16	1394.00	01-12.B505	.00	1394.00	1394.00
058000	J000250	JULIE, INC.	0	2016-0418	01/11/16	3986.41	01-14.B127	.00	3986.41	3986.41
058001	L000012	LAI, LTD	0	15-13441	02/03/16	25618.00	01-12.B506	.00	25618.00	
			0	16-13631	02/03/16	350.00	01-12.B506	.00	350.00	25968.00
058002	L000150	LEE AUTO PARTS	0	470-93289	01/14/16	107.58	01-12.B116	.00	107.58	107.58
058003	L000300	LOU'S GLOVES	0	012133	02/04/16	252.00	01-13.B116	.00	252.00	252.00
058004	M000010	MBM SERVICES INC.	0	27490	02/01/16	79.74	01-11.B116	.00	79.74	
			0	27490	02/01/16	331.00	01-11.B118	.00	331.00	410.74
058005	M000199	MARGOSIAN PROPERTIES LLC	LACEY RD	RECAPTURE	02/03/16	1481.53	01-00.2005	.00	1481.53	1481.53
058006	M000340	MCCANN INDUSTRIES, INC.	0	7202256	01/18/16	450.40	01-12.B501	.00	450.40	450.40
058007	M000360	MCMASTER-CARR SUPPLY COMPAN	0	48373087	01/22/16	235.81	01-12.B113	.00	235.81	
			0	48464055	01/25/16	43.52	01-12.B116	.00	43.52	
			0	48677670	01/27/16	29.98	01-12.B113	.00	29.98	
			0	48971346	02/01/16	502.85	01-12.B510	.00	502.85	812.16
058008	M000750	MOTION INDUSTRIES, INC.	0	IL10-567938	02/06/16	278.02	01-12.B505	.00	278.02	
			0	IL10-567939	02/06/16	298.03	01-12.B505	.00	298.03	
			0	IL10-567940	02/06/16	171.65	01-12.B505	.00	171.65	747.70
058009	N000010	3266-NCPERS - IL IMRF	0	32660216	01/22/16	304.00	01-00.2017	.00	304.00	304.00
058010	N000020	NADLER GOLF CARS, INC	0	379170	01/29/16	784.30	01-12.B512	.00	784.30	784.30
058011	N000040	NAPA AUTO PARTS	0	413714	01/18/16	23.44	01-12.B501	.00	23.44	
			0	416100	02/03/16	83.94	01-12.B116	.00	83.94	
			0	416100	02/03/16	13.48	01-12.B501	.00	13.48	
			0	416741	02/08/16	42.25	01-12.B501	.00	42.25	163.11

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058012	N000050	NAPCO STEEL, INC.	0	391777	01/20/16	358.00	01-12.B501	.00	358.00	358.00
058013	N000240	NEOPOST INC.	0	14790055	01/26/16	190.99	01-11.B116	.00	190.99	190.99
058014	N000260	NEUCO, INC.	0	1801529	01/19/16	117.92	01-12.B802	.00	117.92	
			0	1803240	01/19/16	588.00	01-12.B510	.00	588.00	
			0	1803596	01/19/16	99.00	01-12.B812	.00	99.00	804.92
058015	N000330	NICOR GAS	WAL HSE	2833584	01/22/16	125.97	01-12.B101	.00	125.97	
			OFFICE	3892638	01/22/16	161.20	01-11.B101	.00	161.20	
			PLANT/	4330574	01/22/16	251.33	01-12.B101	.00	251.33	
			PLANT	4440979	01/22/16	654.47	01-12.B101	.00	654.47	
			CHEM FEED	4664113	01/21/16	212.04	01-12.B101	.00	212.04	1405.01
058016	O000300	OFFICIAL PAYMENTS	0	3927197	12/31/15	44.30	01-11.B110	.00	44.30	44.30
058017	P000150	PATTEN INDUSTRIES, INC.	0	PM600252090	01/18/16	670.20	01-15.B529	.00	670.20	670.20
058018	P000350	PETTY CASH	0	CASH BOX	02/11/16	4.82	01-11.B116	.00	4.82	
			0	CASH BOX	02/11/16	85.17	01-11.B117	.00	85.17	
			0	CASH BOX	02/11/16	19.25	01-11.B119	.00	19.25	
			0	CASH BOX	02/11/16	30.00	01-12.B117	.00	30.00	
			0	CASH BOX	02/11/16	30.00	01-12.C225	.00	30.00	169.24
058019	P000395	POLYDYNE INC.	0	1025255	02/04/16	1890.00	01-12.B402	.00	1890.00	1890.00
058020	P000420	PORTER PIPE AND SUPPLY CO.	0	11409889-00	02/02/16	49.80	01-12.B510	.00	49.80	
			0	11412117-00	02/09/16	363.00	01-15.B529	.00	363.00	412.80
058021	P000650	PRINCIPAL LIFE INSURANCE CO	0	1053846	01/18/16	386.30	01-17.E455	.00	386.30	386.30
058022	R000010	RPM TECH SERVICES INC.	0	6795	02/11/16	1006.00	01-12.B508	.00	1006.00	1006.00
058023	R000110	RATHJE PROPERTIES LLC	LACEY RD	RECAPTURE	02/03/16	1481.53	01-00.2005	.00	1481.53	1481.53
058024	R000130	RAYMAR HYDRAULIC REPAIR SER	0	12063	01/22/16	665.79	01-12.B801	.00	665.79	665.79
*058025	R000163	REALINFO, LLC	0	2253	02/05/16	85.00	01-14.B910	.00	85.00	85.00
058027	R000300	RICMAR INDUSTRIES, INC.	0	322998	01/29/16	130.82	01-12.B116	.00	130.82	130.82
058028	R000305	RICOH	0	1060332700	01/21/16	75.84	01-11.B115	.00	75.84	
			0	5040139253	01/21/16	130.33	01-11.B115	.00	130.33	206.17
058029	R000500	ROYAL GRAPHICS	0	90851	01/28/16	143.00	01-11.B120	.00	143.00	143.00
058030	S000200	SEAWAY SUPPLY CO.	0	113573	01/20/16	294.29	01-12.B116	.00	294.29	
			0	113576	01/20/16	29.00	01-13.B116	.00	29.00	
			0	113771	02/04/16	230.14	01-12.B512	.00	230.14	
			0	113883	02/02/16	87.45	01-12.B113	.00	87.45	
			0	113974	02/05/16	148.79	01-12.B116	.00	148.79	789.67
058031	S000280	SEYFARTH SHAW	0	2561135	01/31/16	700.00	01-11.B124	.00	700.00	700.00
058032	S000320	SHERWIN-WILLIAMS CO.	0	7223-7	02/10/16	127.18	01-12.B503	.00	127.18	127.18
058033	S000385	NATHANIEL SIEVING &	ROSLYN	OVERHEAD	02/16/16	2425.00	01-14.B128	.00	2425.00	2425.00
058034	S000493	SOUTHLAND ELECTRICAL SUPPLY	0	3003508	02/09/16	826.90	01-12.B507	.00	826.90	
			0	3003785	02/11/16	1818.15	01-12.B505	.00	1818.15	2645.05
058035	S000640	STAPLES INC.	0	8037824360	01/30/16	160.37	01-11.B116	.00	160.37	
			0	8037824360	01/30/16	98.97	01-12.B116	.00	98.97	
			0	8037824360	01/30/16	64.78	01-14.B116	.00	64.78	324.12
058036	S000720	STEVENSON CRANE SERVICE, IN	0.	26872	12/23/15	675.00	01-12.B510	.00	675.00	675.00
058037	S000850	SUBURBAN DOOR CHECK & LOCK	0	IN470469	01/29/16	135.75	01-11.B118	.00	135.75	135.75
058038	S000865	SUBURBAN LABORATORIES, INC.	LAB988	130848	01/19/16	138.00	01-13.B123	.00	138.00	
			LAB990	130935	01/22/16	269.50	01-13.B123	.00	269.50	
			0	131449	02/05/16	131.50	01-13.B123	.00	131.50	
			LAB994	131500	02/16/16	51.00	01-13.B123	.00	51.00	590.00
058039	S000867	SUBURBAN LIFE PUBLICATIONS	0	318203	02/16/16	54.00	01-12.B501	.00	54.00	54.00
058040	S000892	SUPERIOR INDUSTRIAL EQUIPME	0T	16-0431	02/12/16	243.77	01-12.B505	.00	243.77	243.77
058041	T000040	TALLMAN EQUIPMENT COMPANY I	0C.	3135995	01/25/16	406.89	01-12.B813	.00	406.89	406.89
058042	T000096	TECH 3 SOLUTIONS INC.	0	497	01/22/16	317.08	01-12.B512	.00	317.08	317.08

* CK #058026 VOIDED

CHECK NUMBER	VENDOR NUMBER	NAME	PURCHASE ORDER NBR	INVOICE NUMBER	INVOICE DATE	EXPENSES	G/L NUMBER	DISCOUNT	AMOUNT PAID	CHECK AMOUNT
*058043	T000250	TERRACE SUPPLY COMPANY	0	00960637	01/31/16	49.60	01-12.B116	.00	49.60	49.60
058045	U000450	UNO CONSTRUCTION CO., INC.	0	PAYMENT 7	01/31/16	30628.42	01-14.B910	.00	30628.42	30628.42
058046	V000030	VWR INTERNATIONAL INC.	LAB996	8043886238	02/05/16	441.56	01-13.B114	.00	441.56	
			LAB996	8043886239	02/05/16	149.27	01-13.B114	.00	149.27	
			LAB996	8043886239	02/05/16	324.10	01-13.B116	.00	324.10	
			LAB996	8043892893	02/05/16	154.13	01-13.B114	.00	154.13	
			LAB996	8043892894	02/04/16	89.79	01-13.B114	.00	89.79	
			LAB996	8043894830	02/06/16	80.39	01-13.B116	.00	80.39	
			LAB996	8043897158	02/08/16	98.98	01-13.B114	.00	98.98	1338.22
058047	V000135	VERIZON WIRELESS	0	9759646631	01/28/16	155.06	01-11.B112	.00	155.06	
			0	9759646631	01/28/16	870.31	01-12.B112	.00	870.31	
			0	9759646631	01/28/16	393.12	01-14.B112	.00	393.12	
			0	9759646631	01/28/16	255.12	01-15.B112	.00	255.12	
			0	9759722028	02/01/16	40.08	01-12.B112	.00	40.08	
			0	9759722028	02/01/16	186.62	01-14.B112	.00	186.62	
			0	9759722028	02/01/16	729.96	01-14.B115	.00	729.96	
			0	9759722028	02/01/16	10.02	01-15.B112	.00	10.02	2640.29
058048	W000400	WESTFIELD INSURANCE	OWSIANY	-1620126	02/10/16	500.00	01-17.E452	.00	500.00	
			MADRID	0001620126	02/10/16	500.00	01-17.E452	.00	500.00	1000.00
058049	W000450	VILLAGE OF WESTMONT	DP	78706	02/02/16	370.01	01-11.B121	.00	370.01	370.01
058050	W000551	WIEDEL, PHILIPP & INDELICAT	0	14315	01/20/16	705.00	01-11.B124	.00	705.00	
			0	14322	01/20/16	435.00	01-11.B124	.00	435.00	1140.00
						236152.45		.00	236152.45	236152.45

* CK #058044 VOIDED

CHECK NUMBER	VENDOR NUMBER	NAME	PURCHASE ORDER NBR	INVOICE NUMBER	INVOICE DATE	EXPENSES	G/L NUMBER	DISCOUNT	AMOUNT PAID	CHECK AMOUNT
020001	I000750	INVOICE CLOUD	0	607-2016-1	01/31/16	160.20	01-11.B121	.00	160.20	160.20
030001	V000120	VANTAGEPOINT TRANSFER AGENT	0-457	PR 01-15-16	01/19/16	1375.00	01-00.2020	.00	1375.00	1375.00
030002	V000120	VANTAGEPOINT TRANSFER AGENT	0-457	PR 01-16-16	01/22/16	96.46	01-00.2020	.00	96.46	96.46
030003	V000120	VANTAGEPOINT TRANSFER AGENT	0-457	PR 01-31-16	02/03/16	1375.00	01-00.2020	.00	1375.00	1375.00
030004	V000120	VANTAGEPOINT TRANSFER AGENT	0-457	PR 01-30-16	02/05/16	96.76	01-00.2020	.00	96.76	96.76
041364	U000170	UNCLE BUB'S	0	EMP LUNCH	01/20/16	213.89	01-11.B117	.00	213.89	
			0	EMP LUNCH	01/20/16	365.15	01-12.B117	.00	365.15	
			0	EMP LUNCH	01/20/16	52.17	01-13.B117	.00	52.17	
			0	EMP LUNCH	01/20/16	182.58	01-14.B117	.00	182.58	813.79
041365	H000190	HEALTH CARE SERVICE CORP.	0	165585	01/15/16	34295.28	01-17.E455	.00	34295.28	34295.28
041366	S000650	STATE DISBURSEMENT UNIT	0	01-16-16 PR	01/22/16	627.23	01-00.2012	.00	627.23	627.23
041367	S000650	STATE DISBURSEMENT UNIT	0	PR 01-16-16	01/22/16	323.08	01-00.2012	.00	323.08	323.08
041368	S000650	STATE DISBURSEMENT UNIT	0	01-30-16 PR	02/05/16	323.08	01-00.2012	.00	323.08	323.08
041369	S000650	STATE DISBURSEMENT UNIT	0	PR 01-30-16	02/05/16	627.23	01-00.2012	.00	627.23	627.23
041370	S000894	SUPAROSSA RESTAURANT	0	RETI DINNER	02/03/16	300.00	01-11.B117	.00	300.00	300.00
041371	D000480	VILLAGE OF DOWNERS GROVE	LACEY RD	RECAPTURE	02/16/16	11663.21	01-00.2005	.00	11663.21	11663.21
041373	U000300	UNITED PARCEL SERVICE	0	003Y0091036	02/06/16	26.24	01-13.B123	.00	26.24	
			0	003Y0091036	02/06/16	4.30	01-14.B113	.00	4.30	30.54
041374	R000180	RED WING SHOE STORE	0	450000009532	01/16/16	416.73	01-12.B117	.00	416.73	416.73
041375	D000400	D.G. SANIT DIST #2	695030211017	PR	02/05/16	122850.11	01-00.1001	.00	122850.11	122850.11
055551	D000650	DUPAGE CREDIT UNION	0	PR 01-15-16	01/19/16	750.00	01-00.2013	.00	750.00	750.00
055552	D000650	DUPAGE CREDIT UNION	0	PR 01-16-16	01/22/16	2821.31	01-00.2013	.00	2821.31	2821.31
055553	D000650	DUPAGE CREDIT UNION	0	PR 01-31-16	02/03/16	750.00	01-00.2013	.00	750.00	750.00
055554	D000650	DUPAGE CREDIT UNION	0	PR 01-30-16	02/05/16	2821.31	01-00.2013	.00	2821.31	2821.31
066661	U000130	U.S. POSTAL SERVICE	0	METER	02/09/16	1000.00	01-11.B119	.00	1000.00	1000.00
077771	I000240	ILLINOIS DEPARTMENT OF REVE	0UE	PR 01-15-16	01/20/16	825.43	01-00.2001	.00	825.43	825.43
077772	I000240	ILLINOIS DEPARTMENT OF REVE	0UE	PR 01-16-16	01/25/16	2514.91	01-00.2001	.00	2514.91	2514.91
077773	I000240	ILLINOIS DEPARTMENT OF REVE	0UE	PR 01-31-16	02/04/16	958.84	01-00.2001	.00	958.84	958.84
077774	I000240	ILLINOIS DEPARTMENT OF REVE	0UE	PR 01-30-16	02/08/16	2485.66	01-00.2001	.00	2485.66	2485.66
088881	I000300	ILLINOIS MUNICIPAL	0	JAN PENSION	02/09/16	8881.67	01-00.2003	.00	8881.67	
			0	JAN PENSION	02/09/16	3920.18	01-00.2014	.00	3920.18	
			0	JAN PENSION	02/09/16	23506.75	01-17.E460	.00	23506.75	36308.60
092001	F000030	FACEBOOK	0	0	01/31/16	48.79	01-11.B120	.00	48.79	48.79
099991	B000050	CHASE	0	PR 01-15-16	01/20/16	2472.13	01-00.2000	.00	2472.13	
			0	PR 01-15-16	01/20/16	1962.64	01-00.2002	.00	1962.64	
			0	PR 01-15-16	01/20/16	1962.66	01-17.E461	.00	1962.66	6397.43
099992	B000050	CHASE	0	PR 01-16-16	01/25/16	10536.45	01-00.2000	.00	10536.45	
			0	PR 01-16-16	01/25/16	5423.02	01-00.2002	.00	5423.02	
			0	PR 01-16-16	01/25/16	5422.96	01-17.E461	.00	5422.96	21382.43
099993	B000050	CHASE	0	PR 01-31-16	02/04/16	2714.21	01-00.2000	.00	2714.21	
			0	PR 01-31-16	02/04/16	2234.78	01-00.2002	.00	2234.78	
			0	PR 01-31-16	02/04/16	2234.77	01-17.E461	.00	2234.77	7183.76
099994	B000050	CHASE	0	PR 01-30-16	02/08/16	10264.22	01-00.2000	.00	10264.22	
			0	PR 01-30-16	02/08/16	5372.57	01-00.2002	.00	5372.57	
			0	PR 01-30-16	02/08/16	5372.57	01-17.E461	.00	5372.57	21009.36
						282631.53		.00	282631.53	282631.53

CHECK NUMBER	VENDOR NUMBER	NAME	PURCHASE ORDER NBR	INVOICE NUMBER	INVOICE DATE	EXPENSES	G/L NUMBER	DISCOUNT	AMOUNT PAID	CHECK AMOUNT
058051	B000120	BAXTER & WOODMAN, INC.	0	0184220	01/21/16	552.50	03-34.0504	.00	552.50	552.50
						552.50		.00	552.50	552.50

DATE _____

REVIEWED _____

TRUSTEE APPROVAL _____

PRESIDENT

_____

CLERK

ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 02/16/16

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-00.1000	CASH		518783.98-
01-00.1001	CASH - PAYROLL ACCOUNT	122850.11	
01-00.2000	FEDERAL TAX WITHHELD	25987.01	
01-00.2001	STATE TAX WITHHELD	6784.84	
01-00.2002	SOCIAL SECURITY WITHHELD	14993.01	
01-00.2003	IMRF WITHHELD	8881.67	
01-00.2005	CLEARING	14626.27	
01-00.2012	WAGE DEDUCTION ORDER	1900.62	
01-00.2013	CREDIT UNION WITHHELD	7142.62	
01-00.2014	VOLUNTARY ADDITIONAL PENSION CONTRIBUTION	3920.18	
01-00.2017	VOLUNTARY GROUP LIFE	304.00	
01-00.2020	DEFERRED COMPENSATION WITHHELD	2943.22	
01-05.3001	USER RECEIPTS	1956.36	
01-11.B100	ELECTRICITY	261.90	
01-11.B101	NATURAL GAS	161.20	
01-11.B110	BANK CHARGES	44.30	
01-11.B112	COMMUNICATION	1046.65	
01-11.B115	EQUIPMENT/EQUIPMENT REPAIR	11447.99	
01-11.B116	SUPPLIES	451.88	
01-11.B117	EMPLOYEE/DUTY COSTS	599.06	
01-11.B118	BUILDING & GROUNDS	525.16	
01-11.B119	POSTAGE	1019.25	
01-11.B120	PRINTING/PHOTOGRAPHY	191.79	
01-11.B121	USER BILLING MATERIALS	926.29	
01-11.B124	CONTRACT SERVICES	6238.25	
01-11.C222	GAS/FUEL	55.01	
01-11.C225	OPERATION/REPAIR	33.99	
01-12.B100	ELECTRICITY	17514.80	
01-12.B101	NATURAL GAS	1243.81	
01-12.B102	WATER, GARBAGE AND OTHER UTILITIES	1438.59	
01-12.B104	FUEL - GENERATORS	323.43	
01-12.B112	COMMUNICATION	1075.43	
01-12.B113	EMERGENCY/SAFETY EQUIPMENT	577.47	
01-12.B116	SUPPLIES	2047.38	
01-12.B117	EMPLOYEE/DUTY COSTS	1073.99	
01-12.B402	CHEMICALS - SLUDGE DEWATERING	1890.00	
01-12.B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOSAL	1867.72	
01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	1895.16	
01-12.B503	EQPT/EQPT REPAIR - EXCESS FLOW	127.18	
01-12.B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	4203.62	
01-12.B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	25994.93	
01-12.B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	826.90	
01-12.B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	1006.00	
01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	9109.78	
01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	1721.52	
01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	69.44	
01-12.B801	BLDG & GROUNDS - BIOSOLIDS AGING AND DISPOSAL	665.79	
01-12.B802	BLDG & GROUNDS - DISINFECTION	891.73	
01-12.B804	BLDG & GROUNDS - GRIT REMOVAL	21.94	
01-12.B812	BLDG & GROUNDS - WWTC GENERAL	47980.80	
01-12.B813	BLDG & GROUNDS - WWTC UTILITIES	406.89	
01-12.C222	GAS/FUEL	877.25	
01-12.C225	OPERATION/REPAIR	114.34	
01-13.B114	CHEMICALS	1604.69	
01-13.B115	EQUIPMENT/EQUIPMENT REPAIR	932.00	

ACCOUNTS PAYABLE GENERAL LEDGER RECAP FOR 02/16/16

G/L NUMBER	COST ACCTG DESCRIPTION	DEBIT	CREDIT
01-13.B116	SUPPLIES	954.19	
01-13.B117	EMPLOYEE/DUTY COSTS	267.17	
01-13.B123	OUTSIDE LAB SERVICES	1346.24	
01-13.C222	GAS/FUEL	25.76	
01-13.C225	OPERATION/REPAIR	4.99	
01-14.B112	COMMUNICATION	579.74	
01-14.B113	EMERGENCY/SAFETY EQUIPMENT	2568.02	
01-14.B115	EQUIPMENT/EQUIPMENT REPAIR	5211.14	
01-14.B116	SUPPLIES	64.78	
01-14.B117	EMPLOYEE/DUTY COSTS	292.82	
01-14.B124	CONTRACT SERVICES	2469.27	
01-14.B127	JULIE SYSTEM	3986.41	
01-14.B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	5137.50	
01-14.B902	SEWER SYSTEM REPAIRS - REPLACEMENT	408.58	
01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	30741.35	
01-14.C222	GAS/FUEL	660.27	
01-14.C225	OPERATION/REPAIR	76.16	
01-15.B100	ELECTRICITY	8763.35	
01-15.B112	COMMUNICATION	478.15	
01-15.B522	EQUIP/EQUIP REPAIR - COLLEGE	12.29	
01-15.B528	EQUIP/EQUIP REPAIR - WROBLE	12.28	
01-15.B529	EQUIP/EQUIP REPAIR - LIFT STATIONS GENERAL	6785.04	
01-17.E452	LIABILITY/PROPERTY	9155.00	
01-17.E455	EMPLOYEE GROUP HEALTH	37488.56	
01-17.E460	IMRF	23506.75	
01-17.E461	SOCIAL SECURITY	14992.96	
03-00.1000	CASH		552.50-
03-34.0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH. SUPER.	552.50	
		519336.48	519336.48-

Grainger and Home Depot Purchase Summary - February 2016

Vendor	Invoice Date	Amount	Coding	Coding Description	Purchase Location	Emp.	Procurement	Project Name (If applicable)	Item Description
Grainger	01/19/16	$14.22	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	RS	Circle K	Lab Lighting	Light Bulbs
Grainger	01/19/16	$46.72	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	RS	Circle K	Lab Lighting	Light Fixtures
Grainger	01/19/16	$11.76	01-12.B116	WWTC SUPPLIES	Delivered	CP		Misc. Supplies	Propane Tank
Grainger	01/22/16	$286.80	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	BS	Shopped	Shop Grinder	Bench Grinder
Grainger	01/22/16	$19.32	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	CP		Shop Sandblaster	Replacement Window
Grainger	01/26/16	$16.44	01-12.B513	EQPT/EQPT REPAIR - WWTC UTILITIES	Delivered	NW		CHP Repairs	Fuses
Grainger	01/27/16	$70.42	01-15.B529	EQUIP/EQUIP REPAIR - LIFT STATIONS GENERAL	Delivered	AC		Lift Station Air Relief Valves	Brass Ball valve
Grainger	01/28/16	$109.44	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	NW		Tunnel Exhaust Fan	Exhaust Fan
Grainger	01/28/16	$86.46	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	BS	Circle K & NJPA	HVAC Filter Change Ops Center & Lab	HAVC Filters 16x25x1, 20x25x5, 16x24x2, 15x20x2
Grainger	01/29/16	$10.79	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	AC	Circle K	Outdoor Lighting Northwest Lift Station	70 watt HPS Bulb
Grainger	02/01/16	$212.12	01-12.B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	Delivered	MR		Digester 3 Waste Gas Burner	Control Timer
Grainger	02/01/16	$83.88	01-12.B512	EQPT/EQPT REPAIR - WWTC GENERAL	Delivered	JM	Shopped	Tunnel piping brackets	Anchors for tunnel piping
Grainger	02/02/16	$13.04	01-12.B116	WWTC SUPPLIES	Delivered	RS		Plastic Drywall Anchors	Conical Anchor Kit #8
Grainger	02/02/16	$19.00	01-12.B116	WWTC SUPPLIES	Delivered	CP		Boom Lift Attachment for tractors	Hitch Pins (2)
Grainger	02/04/16	$644.84	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	Delivered	JB	Shopped	MSB Lunchroom Tables	(4) 8' Heavy Duty Folding Tables
Grainger	02/04/16	$40.40	01-12.B113	WWTC EMERGENCY/SAFETY EQUIPMENT	Delivered	AC		MSB Eye Wash Station	Re-Fill bottle
Grainger	02/05/16	$81.03	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	Delivered	RS		Lighting Upgrade	Recycling Kit
Grainger	02/08/16	$154.30	01-13.B114	CHEMICALS	Delivered	DRB	Shopped and Circle K	Testing supplies	Nitrate Calibration Std, 1000ppm
Grainger	02/05/16	$0.00	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	RS		2015 Lighting Upgrades	Replacement lens (Warranty)
Home Depot	02/08/16	$21.94	01-12.B804	BLDG & GROUNDS - GRIT REMOVAL	In-Store	NW		Grit Building Painting	Mini paint rollers
Home Depot	01/19/16	$65.15	01-12.B816	BLDG & GROUNDS - WWTC UTILITIES	In-Store	CP	Shopped	Misc. Supplies	Penetrant Oil, Sealer, Lube, Small Trash Bags, Floor Cleaner
Home Depot	01/26/16	$21.34	01-11.B118	ADMIN BUILDING & GROUNDS	In-Store	CP		Admin Toilet	Toilet Repair Kit & Wax Ring
Home Depot	01/26/16	$37.07	01-11.B118	ADMIN BUILDING & GROUNDS	In-Store	CP		Admin Toilet	Valve and associated supplies to stop leak
Home Depot	01/15/16	$27.93	01-14.B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	In-Store	STY		BSSRAP 1100 Barberry	Tap, tap handle, screws, 6" stainless steel C/O cover with screw
Home Depot	01/15/16	$15.71	01-14.B115	SEWER SYSTEM EQUIPMENT/EQUIPMENT REPAIR	In-Store	STY		BSSRAP 1100 Barberry	14" Pipe wrench, 4" stainless steel C/O cover with screw
Home Depot	01/22/16	$52.58	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	JM		Tunnel piping brackets	Spring nuts and broom from cleanup
Home Depot	02/01/16	$15.96	01-11.B116	ADMIN SUPPLIES	In-Store	BS		Admin Supplies	3 Prong Extension Cord
Home Depot	02/01/16	$41.44	01-12.B116	WWTC SUPPLIES	In-Store	BS		MSB Toilet & Sandblaster Window	Toilet parts, plexi-glass for viewing window on sandblaster
Home Depot	02/01/16	$318.83	01-12.B812	BLDG & GROUNDS - WWTC GENERAL	In-Store	JM	Shopped	Tunnel piping brackets	Channel Struts and brackets, paint and brushes for tunnel struts and piping
Home Depot	02/09/16	$74.49	01-12.B116	WWTC SUPPLIES	In-Store	RS		Shop Supplies	Braided rope & 6 qt. Storage containers
Home Depot	02/09/16	$117.44	01-12.B502	EQPT/EQPT REPAIR - DISINFECTION	In-Store	RS		OSEC Generator Electrode Cleaning	16 Gallons Muriatic Acid

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Nicholas J. Menninga
General Manager

FROM: W. Clay Campbell
Administrative Services Director

DATE: February 8, 2016

RE: Insurance Renewals

We have received the proposal for renewal of the District's Liability and Property coverages effective April 14, 2016. The proposal includes Property, General Liability, Automobile, Public Officials Liability, Excess Liability and Employee Dishonesty. The District's Workers Compensation coverage was renewed with the Illinois Public Risk Fund in December for the 2016 calendar year.

The following items are attached regarding renewal of these coverages:

1) Insurance Premiums History and Comparison from 2004 to 2016
2) Renewal Premium Summary from Langan, Haeger, Vincent and Born, Inc., a division of Williams-Manny Insurance Group
3) Summary of Insurance Coverages

The following items should be noted:

As indicated in the Insurance Premiums History and Comparison, the premiums for Liability coverages only will increase a moderate 3.2 percent and the premium for Property coverage only will increase 8.8 percent. Please note that the increase in the Property coverage premium is almost exclusively related to the addition of the new CHP gas engine, heat recovery system and gas cleaning equipment to the list of structures covered. Increases in the property premiums over the last four previous years averaged close to 5% per year. Together, these coverages will increase 4.9 percent over the previous year if renewed as recommended in this Memo. All forms of coverage (including the Workers Compensation coverage renewed in December) would increase a total of 4.9 percent over the previous year. It should be noted that the premiums for the last three years have been slighter higher than previous periods due to the District carrying Tank Storage Pollution Liability coverage (which has been required by state statute since 2014). These very moderate changes, as they relate to Liability and Property coverages, are reflective of the existing stability found currently in the market. As in previous years, the broker has also checked with other carriers but they were not able to match the combination of Westfield and Chubb for Liability and Property coverages.

For your reference, I have included a summary of the District's lines of coverage, their respective limits, period of coverage, related premium and corresponding carrier.

The total premium amount of renewing all of the District's coverages with existing carriers is $197,050 ($99,175 plus $97,875 Workers Comp premium), which closely tracks with the amount proposed in the budget for fiscal year 2016-17 ($201,500). I am recommending that the Liability and Property coverages be renewed at the premiums and with the carriers proposed in the Renewal Summary from Langan, Haeger, Vincent and Born, Inc.

If you concur with these recommendations, this item should be placed on the agenda for the February 16 meeting.

Attachments

cc: WDVB, ASK, DFP, KJR, RTJ, MJS, MGP

I concur

INSURANCE PREMIUMS HISTORY AND COMPARISON
LAST REVISION DATE: 02/11/16

COVERAGES	16	15	14	13	12	11	10	09	08	07	06	05	04
GENERAL LIABILITY (INCLUDES TERRORISM)	$28,268	$30,096	$29,783	$27,802	$25,632	$24,972	$23,345	$23,589	$25,011	$27,037	$30,560	$27,975	$22,378
AUTOMOBILE	16,959	16,941	17,885	17,286	12,614	11,979	11,195	11,789	10,048	10,357	11,224	11,600	15,653
PUBLIC OFFICIALS LIABILITY	9,139	8,821	8,419	7,711	7,523	7,221	8,385	8,435	8,952	9,465	9,483	10,800	11,507
UMBRELLA LIABILITY	10,722	7,195	7,195	7,195	9,195	6,100	8,658	9,010	8,858	8,800	8,800	8,302	8,421
FIDELITY AND CRIME	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	948	948
TANK STORAGE POLLUTION LIABILITY	1,675	1,592	1,678										
SUBTOTAL	$67,775	$65,657	$65,972	$61,006	$55,976	$51,284	$52,595	$53,835	$53,881	$56,671	$61,079	$59,625	$58,907
PERCENT INCREASE OR DECREASE OVER PRIOR YEAR EXCLUDING PROPERTY AND WORKERS COMP	3.2%	-0.5%	8.1%	9.0%	9.1%	-2.5%	-2.3%	-0.1%	-4.9%	-7.2%	2.4%	1.2%	17.0%
PROPERTY	$31,400	$28,863	$28,490	$27,341	$25,747	$24,035	$26,118	$36,336	$34,141	$38,408	$34,565	$35,355	$35,775
PERCENT INCREASE OR DECREASE OVER PRIOR YEAR PROPERTY ONLY	8.8%	1.3%	4.2%	6.2%	7.1%	-8.0%	-28.1%	6.4%	-11.1%	11.1%	-2.2%	-1.2%	-11.2%
SUBTOTAL OF LIABILITY AND PROPERTY	$99,175	$94,520	$94,462	$88,347	$81,723	$75,319	$78,713	$90,171	$88,022	$95,079	$95,644	$94,980	$94,682
PERCENT INCREASE OR DECREASE OVER PRIOR YEAR EXCLUDING WORKERS COMP	4.9%	0.1%	6.9%	8.1%	8.5%	-4.3%	-12.7%	2.4%	-7.4%	-0.6%	0.7%	0.3%	4.5%
WORKERS COMPENSATION	$97,875	$93,406	$87,799	$79,730	$74,552	$72,249	$67,180	$57,031	$51,917	$51,739	$50,391	$45,974	$44,962
PERCENT INCREASE OR DECREASE OVER PRIOR YEAR WORKERS COMP ONLY	4.8%	6.4%	10.1%	6.9%	3.2%	7.5%	17.8%	9.9%	0.3%	2.7%	9.6%	2.3%	18.5%
GRAND TOTAL	$197,050	$187,926	$182,261	$168,077	$156,275	$147,568	$145,893	$147,202	$139,939	$146,818	$146,035	$140,954	$139,644
PERCENT INCREASE OR DECREASE OVER PRIOR YEAR ALL COVERAGES	4.9%	3.1%	8.4%	7.6%	5.9%	1.1%	-0.9%	5.2%	-4.7%	0.5%	3.6%	0.9%	8.6%

MAJOR REVISIONS TO COVERAGES

YEAR	POLICY	REVISIONS
2015	PROPERTY	ADDED NEW CHP GAS ENGINE, HEATING RECOVERY SYSTEM AND GAS CLEANING EQUIPMENT TO STATEMENT OF VALUES FOR COVERED STRUCTURES
2014	PROPERTY TANK STORAGE	LOWERED LIMIT FROM $500,000 TO $250,000 ON BASKET OF COVERAGES SUCH AS RECEIVABLES, DATA PROCESSING PROPERTY, ETC. POLLUTION LIABILITY COVERAGE ADDED AS REQUIRED BY STATE LAW
2011	WORKERS COMP PUBLIC OFFICIALS	CHANGE IN WC CARRIER FROM WESTFIELD TO ILLINOIS PUBLIC RISK FUND POOL CHANGE IN CARRIER TO DARWIN SELECT AS PRIOR CARRIER EXITED INDUSTRY
2010	PROPERTY PROPERTY	CHANGE IN STRUCTURES COVERED BY POLICY RESULTING IN LOWER PREMIUM FOR PARTIAL YEAR CHANGE IN PROPERTY CARRIER FROM HARTFORD TO CHUBB
2005	PROPERTY	DELETED EARTHQUAKE COVERAGE
2004	PROPERTY PUBLIC OFFICIALS	DECREASED FLOOD AND EARTHQUAKE LIMITS FROM $20,000,000 EACH TO $10,000,000 FOR FLOOD AND $5,000,000 FOR EARTHQUAKE INCREASED LIMIT FROM $1,000,000 TO $2,000,000

COMMERCIAL INSURANCE RENEWAL

2016-2017

DOWNERS GROVE SANITARY DISTRICT

LANGAN, HAEGER, VINCENT & BORN, INC.

A DIVISION OF WILLIAMS-MANNY INSURANCE GROUP

PREMIUM SUMMARY

NAMED INSURED: Downers Grove Sanitary District
POLICY TERM: **4/14/2016 TO 4/14/2017**

CARRIER	BEST RATING
WESTFIELD INSURANCE CO.	A
CHUBB	A++
DARWIN NATIONAL INS. CO.	A
CRUM & FORSTER SPECIALTY INS	A
LIBERTY MUTUAL INSURANCE	A

COVERAGE	EXPIRING PREMIUMS	PROPOSED PREMIUMS
Property	$ 28,863.00	$ 31,400.00
Equipment Breakdown	INCLUDED	INCLUDED
Crime	$ 1,012.00	$ 1,012.00
General Liability	$ 29,289.00	$ 27,505.00
Business Auto	$ 16,941.00	$ 16,959.00
Umbrella	$ 7,195.00	$ 10,722.00
Public Officials Liability/EPLI	$ 8,821.00	$ 9,139.00
Tank Storage Pollution Liability	$ 1,592.00	$ 1,675.00
Terrorism	$ 807.00	$ 763.00
Total	**$ 94,520.00**	**$ 99,175.00**

ITEMS FOR DISCUSSION:

PAYMENT PLAN: SAME AS LAST YEAR

SUMMARY OF DOWNERS GROVE SANITARY DISTRICT INSURANCE COVERAGES

2016-17

Coverage and Limits	Period and Premium	Carrier
Property $47,293,876	4/14/16-4/14/17 $31,400	Chubb Insurance Co.
General Liability* $2,000,000	4/14/16-4/14/17 $28,268	Westfield Insurance Co.
Automobile $1,000,000	4/14/16-4/14/17 $16,959	Westfield Insurance Co.
Public Officials Liability** $2,000,000	4/14/16-4/14/17 $9,139	Darwin Select
Workers Compensation Statutory Plus $2,500,000 Employers Liability	01/01/16-12/31/16 $97,875	Illinois Public Risk Fund
Umbrella Liability $5,000,000	4/14/16-4/14/17 $10,722	Westfield Insurance Co.
Note: Excess of G/L and Auto.		
Fidelity and Crime $1,000,000	4/14/16-4/14/17 $1,012	Liberty Mutual (acquired Ohio Casualty)
Storage Tank (Diesel) Insurance $1,000,000	4/07/16-4/07/17 $1,675	Crum & Forster Specialty Insurance

*Includes Employee Benefits Liability and Terrorism
**Includes Employment Practices Liability

Public Official Bonds for Trustees:

Trustee Van Buren - $5,000	5/1/16 - 5/1/19 $250	Liberty Mutual (acquired Ohio Casualty)
Trustee Kovacevic - $5,000	5/31/14 - 5/31/17 $250	Liberty Mutual (acquired Ohio Casualty)
Trustee Peters - $5,000	5/31/15 - 5/31/16 $100	Liberty Mutual (acquired Ohio Casualty)

DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Board of Trustees

FROM: Alyssa Cherwak, Information Coordinator

DATE: February 12, 2016

SUBJECT: Social Media Operations Report

This report is to provide the Board with an overview of the District's Facebook page, particularly how it has performed over the last two years. Staff created a District Facebook page to encourage a dialogue with customers in a dynamic online format. The page has continued to grow since implementing it in March 2014. Staff consistently uses the page to provide the public and customers information on the District's operations, programs and services, achievements and current news.

Facebook and other social media outlets help the District execute our ongoing goals from our communications plan which are:

- Increase engagement (achieve greater level of dialogue with our customers and the public and build community relationships)
- Increase awareness (keep our customers and the public informed about our services, programs, news and events)
- Maintain transparency (continue to provide open and transparent local government)

To understand Facebook better, staff has provided the Board an overview of a few common Facebook concepts:

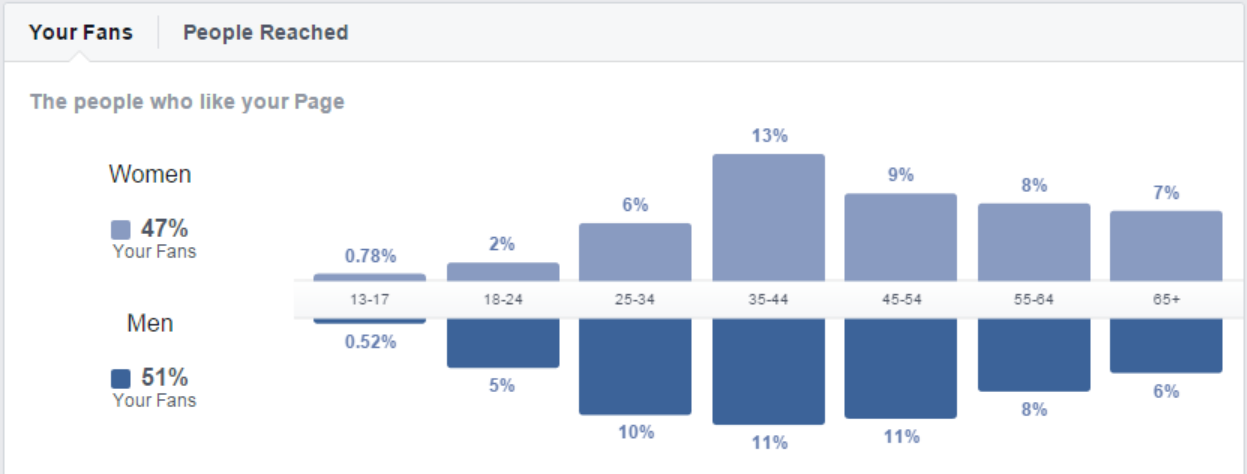
- Like: If you see a Page that interests you, you can click Like to add that Page to your News Feed and the About section of your profile.
- News Feed: Your News Feed is an ongoing list of updates on your homepage that shows you what's new with the friends and Pages you follow.
- Share: If you see a post that interests you, you can click Share to send it to friends or post on your own timeline.
- Reach: Post reach is the number of people who have seen your post.

The chart below compares the performance of the District's page and posts with other local government agencies on Facebook. The District's page has performed fairly well in comparison with other local municipalities. It should be noted that all of the peer pages below have been around several years more than the District's page.

Page		Total Page Likes	From Last Week	Posts This Week	Engagement This Week
1	Village of Downers Grov...	2.8K	▲0.4%	8	61
2	Village of Lisle	1.9K	▲0.1%	9	6
3	Village of Woodridge	892	▲0.3%	17	18
YOU 4	Downers Grove Sanitary...	769	0%	1	3
	Keep up with the Pages you watch. Get More Likes				
5	Village of Westmont, Go...	758	▲0.4%	2	32
6	DuPage County Board	699	▲0.6%	22	31

To our knowledge, Metropolitan Water Reclamation District of Greater Chicago is the only other wastewater agency in the state that has a Facebook page.

The graph below indicates the age and gender of the people who like the District's page. Forty-seven percent (47%) are women and fifty-one percent (51%) are men with two percent (2%) unspecified. Twenty-four percent (24%) of our fans are 35 to 44 years old. Sixty-two percent (62%) of our fans are located in communities served by the District and there are smaller percentages located in surrounding areas (as shown on the table on the next page).

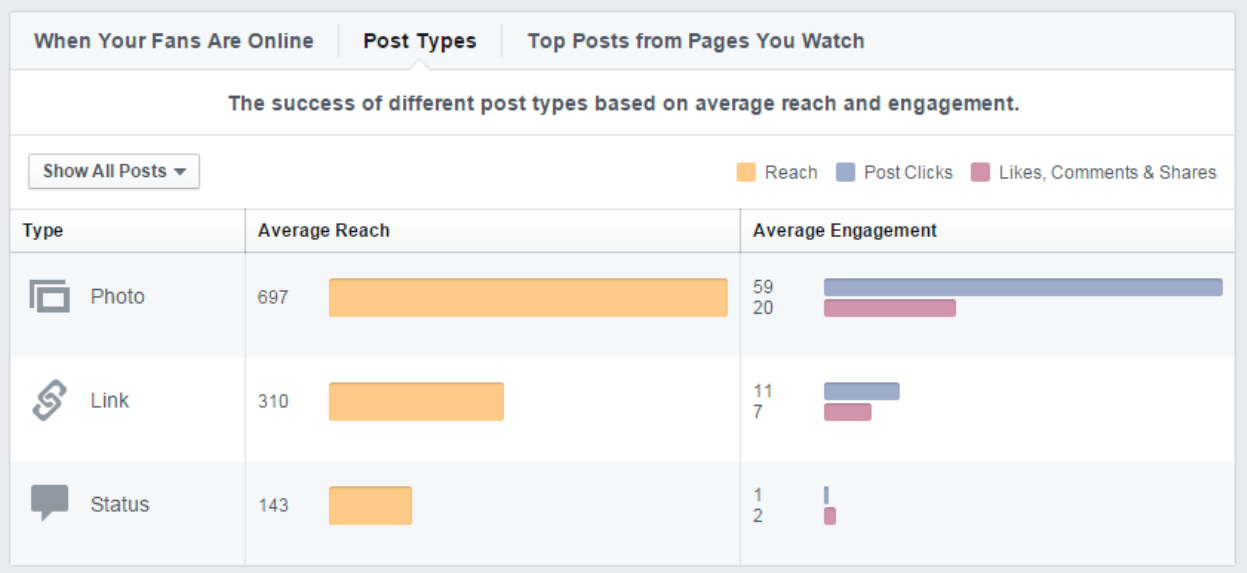


Country	Your Fans
United States of America	753
India	3
Jordan	2
Denmark	1
Serbia	1
Egypt	1
New Zealand	1
Germany	1
Pakistan	1
Philippines	1

City	Your Fans
Downers Grove, IL	283
Woodridge, IL	85
Westmont, IL	60
Chicago, IL	50
Lisle, IL	34
Darien, IL	33
Lombard, IL	16
Naperville, IL	13
Belmont, IL	12
Aurora, IL	10

Language	Your Fans
English (US)	714
Spanish	25
English (UK)	16
Spanish (Spain)	4
Polish	2
Macedonian	1
Arabic	1
Filipino	1
Danish	1
Serbian	1

The graph below indicates that the top three types of posts with the highest success based on average reach and engagement are photos, links and statuses. Most of the District's posts did not contain video (another type of post not shown), but this is an area that staff would like to develop further.



Some of the page's most successful posts that reached over one thousand people include an article that listed 15 things to keep out of your drain, job postings and information regarding the District's cooking oil recycling event.

As of February 10, 2016 the District's Facebook page has received 769 likes. This time last year, the page had 566 likes. This growth was largely due to paid advertising. The District received 137 likes from the most recent paid ad campaign. Staff has determined that using paid advertisements to increase our likes is at a point of diminishing returns and should be discontinued at this time.

We feel we will be able to continue growing our likes by consistently posting and sharing information.

One of the ongoing challenges faced by the District in its effective use of social media is content creation. Staff has observed that we could be posting more of our own photos, videos and graphics but are limited by resources (staff time, applications/programs or equipment). There is a noticeable volume of external resources that the District can share on its page, but content originating from the District's programs, facilities and resources would likely resonate more with the public we serve. More native content would also allow the District to explore using other social media outlets to extend our reach to customers such as YouTube and Twitter. Staff's presumption is that by enriching the content of the District's posts we will improve the quality of the interaction we have with our customers and the public.

In order for the District to be more content-focused, staff would need to be equipped with a high resolution digital camera capable of taking presentation quality pictures and videos. In addition, to effectively utilize this media, there are additional applications (photo and video editing software) that would need to be purchased. Staff would estimate the necessary equipment would cost approximately $600-900 and the software would require an ongoing cost of approximately $500 per year. It should be noted that additional staff time may be necessary to create more content for the District, which would provide more tangible progress towards the goals identified above in the communication plan. Some examples of potential applications are:

- Video of a sewer system technician televising a homeowner's service line to help educate our customers on that aspect of BSSRAP
- Videos of specific WWTC treatment processes that help the public to understand the more technical aspects
- Photos of various District facilities/operations that can be utilized for the District's new website
- Documentation/promotion of educational outreach events
- Supplemental content generated for the District's annual open house

cc: NJM, WCC, BOLI, MGP

DOWNERS GROVE SANITARY DISTRICT

M E M O

DATE: February 12, 2016

TO: Board of Trustees

FROM: Nicholas J. Menninga
General Manager

RE: Five Year Financial Plan

Enclosed please find copies of the following items:

1. Five year financial plan for Fiscal Years 2016-2017 to 2020-2021.

2. Notice of availability of Appropriation Ordinance/Budget for public review.

3. Revised Budget Calendar.

4. Appropriation Ordinance for Fiscal Year 2016-2017.

Staff will review these documents with the Board at the February 16 meeting. We will be seeking Board approval to publish the notice of availability in the Downers Grove Reporter on February 17. Final action is scheduled for the March 22 Board meeting.

cc: KJR, RTJ, MJS, WCC, MGP

DOWNERS GROVE SANITARY DISTRICT

FIVE YEAR FINANCIAL PLAN

FISCAL YEARS 2016-2017 TO 2020-2021

Proposed 02/16/16

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Introduction

This five year plan presents recommended expenditures and revenues necessary to meet the operation, maintenance, replacement, capital improvement and debt service requirements of the District over the five year period from May 1, 2016 to April 30, 2021. The plan contains separate projections for the combined general corporate and replacement funds (operation, maintenance and replacement needs), the construction fund (Wastewater Treatment Center capital improvements), the improvement fund (sewer system and pump station capital improvements) and the public benefit fund. A brief overview of each of these separate projections is provided below.

General Corporate Fund – This plan treats the replacement fund as a restricted portion of the general corporate fund. The balance in the replacement fund is maintained throughout the five year period at the April 30, 1991 level of $820,000. This treatment allows major replacements to be included in the operation and maintenance budget of the general corporate fund, allows all interest earned on the replacement fund to be fully utilized, and applies the balance in the replacement fund towards meeting the minimum recommended working balance in the general corporate fund.

The plan includes expenditures for the replacement and rehabilitation of the wastewater collection system, including building service repairs to help control sewer system backups and overflows. The goal is to sustain annual replacement and rehabilitation expenses at a level equal to 0.75% of the replacement value of the sewer infrastructure. Sewer rehabilitation and replacement costs increase steadily over the five year period, with the intent of approaching the 0.75% level on a sustained basis. Expenses include the portion of ARRA loan repayments to the Illinois Environmental Protection Agency (IEPA) associated with sewer rehabilitation work previously conducted with ARRA loan funding.

Planned replacements and major maintenance items for non-sewer fixed assets necessary for continued reliable operation are identified. FY 16-17 non-sewer annual replacement, rehabilitation and upgrade expenses represent about 165% of the FY 14-15 annual depreciation of non-sewer fixed assets.

The user rate is proposed to remain at the current level for FY 16-17 through FY 20-21. Monthly service fees are proposed to increase from $12.00 to $13.50 for FY 16-17, and to increase $1.50 each of the four years after FY 16-17. This allows repayment to Capital funds for recent major replacement projects, along with a trend towards appropriate levels of sewer system replacement and rehabilitation expenditures while keeping up with inflation. Other user charges such as surcharge and sampling and monitoring charges will increase as the cost to provide matching services increases with inflation.

Construction Fund – The primary source of revenue to the construction fund is sewer permit fees. These fees are utilized for improvements and additions at the WWTC and for the repayment of loans from the IEPA. Revenues are accumulated for the next major expansion of WWTC capacity, purchase of adjacent property, or other capital improvements. Repayments from the general fund are scheduled to reimburse for recent major replacement projects funded from the construction fund. The plan anticipates improvements to the digesters and the expansion of the plant's CHP facility with grant funding.

Improvement Fund – The primary sources of revenue to the improvement fund are trunk and lateral sewer service charges. The plan proposes to pay for sewer system additions from this fund. Funds used for previous sewer replacements are scheduled to be repaid from the general corporate fund. Revenues are accumulated for sewer and lift station capital improvements. This fund is used to finance special assessments extending sewers into unsewered areas, with funds repaid by the owners of properties benefited by the new sewers through vouchers. The renovation of the Liberty Park Lift Station is anticipated in the plan.

Public Benefit Fund – The public benefit fund may only be used to pay for the portion of sewer extensions or sewer special assessments which the Board of Trustees deems to be of benefit to an area larger than the immediate service area.

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

EXHIBIT 1

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
11. Administration												
A. Salary & Wages												
001. Trustees	$18,000	$18,016	$17,136	$18,000	$18,000	$18,000	$18,000		$18,000	$18,000	$18,000	$18,000
002. B.O.L.I.	0	0	0	0	900	0	900		900	900	900	900
003. General Management	233,076	218,953	222,560	223,146	240,100	208,281	247,700		256,350	265,350	274,650	284,250
004. Financial Records	174,601	196,101	190,282	199,147	196,600	220,485	191,950		198,650	205,600	212,800	220,250
005. Administrative Records	58,307	43,536	49,383	50,180	60,650	44,184	61,850		64,000	66,250	68,550	70,950
007. Code Enforcement	255,371	264,148	272,694	278,126	294,300	305,821	303,950		314,600	325,600	337,000	348,800
008. Safety Activities	4,203	3,126	2,236	1,809	2,400	1,634	2,500		2,600	2,700	2,750	2,850
030. Building & Grounds	187	575	1,145	4,781	150	4,602	150		150	150	150	150
Subtotal	$743,746	$744,455	$755,436	$775,190	$813,100	$803,006	$827,000	$950,000	$855,250	$884,550	$914,800	$946,150
B. Operation & Maintenance												
100. Electricity	$4,497	$3,201	$3,760	$3,990	$4,400	$3,978	$4,400		$4,650	$4,950	$5,250	$5,550
101. Natural Gas	1,243	1,198	1,494	2,487	3,000	1,129	3,000		3,100	3,200	3,300	3,400
102. Water, Garbage, Other	428	733	852	548	1,000	910	1,000		1,050	1,100	1,150	1,250
110. Bank Charges	19,387	19,649	19,315	20,316	20,200	21,961	21,250		21,700	22,100	22,550	23,000
112. Communication	11,250	12,620	14,393	14,643	14,500	14,548	15,000		15,300	15,600	15,900	16,200
115. Eqpt/Eqpt Repair	53,633	143,973	78,172	116,167	71,500	74,125	98,450		83,900	98,600	89,700	66,900
116. Supplies	9,194	8,093	9,591	8,467	10,400	4,759	7,800		8,850	8,100	8,400	8,400
117. Employee/Duty Costs	13,057	10,351	11,940	10,929	17,000	19,101	18,000		14,100	14,400	14,700	15,000
118. Building & Grounds	11,852	24,890	21,221	13,802	24,200	13,549	61,050		20,550	43,100	70,750	56,150
119. Postage	10,676	9,694	12,683	11,879	14,500	11,614	14,000		14,300	14,600	14,800	15,100
120. Printing/Photography	8,619	8,242	9,541	10,114	11,150	10,808	10,600		11,500	10,900	11,700	11,100
121. User Billing Material	60,822	65,377	67,273	60,834	72,000	68,294	71,000		71,700	73,700	75,800	77,900
124. Contract Services	86,896	123,717	95,829	63,382	88,000	72,901	89,000		101,300	89,500	96,000	95,000
137. Memberships/Subscriptions	9,515	10,379	10,490	11,077	12,000	11,400	11,600		12,000	12,000	12,500	12,500
Subtotal	$301,068	$442,117	$356,555	$348,637	$363,850	$329,076	$426,150	$510,000	$384,000	$411,850	$442,500	$407,450
C. Vehicles												
222. Gas/Fuel	$2,589	$2,421	$2,508	$1,437	$2,600	$1,059	$2,600		$2,650	$2,700	$2,750	$2,800
225. Operation/Repair	687	809	949	537	1,150	473	1,050		1,200	1,350	1,650	1,900
226. Vehicle Purchase	0	15,992	0	16,111	12,000	9,256	0		0	0	0	0
Subtotal	$3,276	$19,222	$3,457	$18,086	$15,750	$10,788	$3,650	$10,000	$3,850	$4,050	$4,400	$4,700
TOTALS	$1,048,090	$1,205,794	$1,115,448	$1,141,913	$1,192,700	$1,142,870	$1,256,800	$1,470,000	$1,243,100	$1,300,450	$1,361,700	$1,358,300

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

EXHIBIT 1

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
12. Wastewater Treatment Center												
A. Salary & Wages												
009. Oper. Management	$14,419	$16,455	$19,137	$34,718	$20,300	119,370	$21,000		21,750	22,500	23,300	24,100
010. Maintenance	398,600	408,297	450,539	484,138	502,500	469,798	523,950		542,300	561,250	580,900	601,250
020. WWTC	512,553	536,043	508,314	582,890	532,900	524,142	546,350		565,450	585,250	605,750	626,950
030. Building & Grounds	36,187	39,136	32,971	34,415	43,050	42,908	43,900		45,450	47,050	48,650	50,400
Subtotal	$961,759	$999,931	$1,010,961	$1,136,161	$1,098,750	$1,156,217	$1,135,200	$1,300,000	$1,174,950	$1,216,050	$1,258,600	$1,302,700
B.Operation & Maintenance												
100. Electricity	$390,066	$279,023	$332,450	$262,280	$195,000	$213,885	$195,000		$206,050	$175,000	$75,000	$78,000
101. Natural Gas	9,976	9,510	18,134	9,948	17,000	12,765	17,000		18,000	19,100	20,250	21,450
102. Water, Garbage, Other	29,826	33,343	36,318	36,485	33,500	38,948	36,000		37,100	38,200	39,350	40,500
103. Odor Control	9,561	7,901	11,168	5,403	14,500	5,048	7,000		7,200	7,450	7,650	7,900
104. Fuel - Generators	11,140	10,683	12,020	9,015	15,300	7,020	16,500		17,000	17,500	18,050	18,550
112. Communication	14,142	13,779	14,545	12,874	14,150	10,448	12,250		13,900	14,100	13,500	13,200
113. Emergency/Safety Eqpt	33,722	7,125	8,261	10,462	17,600	17,892	17,600		11,850	12,200	12,550	12,950
400. Chemicals	63,179	50,183	77,304	65,017	66,600	60,104	68,500		70,550	72,650	74,850	77,100
500. Eqpt/Eqpt Repair	391,947	902,092	913,572	1,061,275	732,100	887,965	631,100		1,099,500	589,800	593,700	638,600
116. Supplies	41,355	36,782	33,161	41,837	39,100	44,462	39,100		40,200	38,850	40,000	41,150
117. Employee/Duty Costs	20,225	15,651	19,304	19,458	28,200	17,540	26,000		26,500	27,000	27,600	28,100
800. Building & Grounds	219,669	233,869	215,245	202,191	178,450	198,501	269,600		226,250	206,450	229,300	274,700
124. Contract Services	14,221	14,647	30,626	0	84,800	82,796	84,850		126,750	130,550	203,200	209,300
130. NPDES Permit Fees	53,000	53,000	53,000	53,000	53,000	53,000	53,000		53,000	53,000	53,000	53,000
Subtotal	$1,302,028	$1,667,587	$1,775,108	$1,789,244	$1,489,300	$1,650,375	$1,473,500	$1,770,000	$1,953,850	$1,401,850	$1,408,000	$1,514,500
C. Vehicles												
222. Gas/Fuel	$34,376	$37,227	$26,877	$26,675	$42,500	$22,969	$42,500		$43,800	$45,100	$46,450	$47,850
225. Operation/Repair	7,105	5,960	4,045	7,069	6,500	10,942	6,500		6,700	6,900	7,100	7,300
226. Vehicle Purchase	13,934	18,171	13,951	19,824	22,500	28,473	0		20,000	20,000	35,000	30,000
Subtotal	$55,415	$61,359	$44,873	$53,569	$71,500	$62,384	$49,000	$60,000	$70,500	$72,000	$88,550	$85,150
TOTALS	$2,319,202	$2,728,876	$2,830,942	$2,978,973	$2,659,550	$2,868,976	$2,657,700	$3,130,000	$3,199,300	$2,689,900	$2,755,150	$2,902,350

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

EXHIBIT 1

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
13. Laboratory												
A. Salary & Wages												
009. Oper. Management	$8,268	$47,957	$47,136	$56,808	$53,400	61,520	$56,450		58,450	60,450	62,600	64,800
040. Laboratory	174,209	114,087	122,522	123,578	142,300	132,266	150,000		155,250	160,700	166,300	172,150
Subtotal	$182,477	$162,044	$169,659	$180,387	$195,700	$193,787	$206,450	$240,000	$213,700	$221,150	$228,900	$236,950
B. Operation & Maintenance												
114. Chemicals	$10,321	$8,822	$8,308	$8,509	$16,550	$10,750	$16,900		$17,550	$18,250	$19,000	$19,750
115. Eqpt/Eqpt Repair	69,353	44,135	51,264	10,326	56,300	6,719	71,200		16,500	47,000	49,000	64,000
116. Supplies	14,653	10,205	10,359	10,059	19,500	12,698	20,250		21,100	21,900	22,800	23,700
117. Employee/Duty Costs	2,813	3,077	2,220	5,070	6,500	2,746	6,000		6,100	6,250	6,400	6,500
122. Monitoring Equipment	2,158	1,907	8,032	5,151	8,500	4,745	8,500		3,500	8,500	3,500	8,500
123. Outside Lab Services	16,075	11,041	13,648	14,502	15,600	13,097	17,150		17,850	18,550	19,300	20,100
Subtotal	$115,373	$79,188	$93,831	$53,617	$122,950	$50,754	$140,000	$170,000	$82,600	$120,450	$120,000	$142,550
C. Vehicles												
222. Gas/Fuel	$1,070	$922	$821	$714	$1,000	$395	$1,000		$1,050	$1,100	$1,150	$1,200
225. Operation/Repair	141	145	1,878	244	200	166	200		200	200	200	250
226. Vehicle Purchase	0	31,565	(4,000)	1,174	0	0	12,000		0	0	0	0
Subtotal	$1,210	$32,632	($1,301)	$2,131	$1,200	$561	$13,200	$20,000	$1,250	$1,300	$1,350	$1,450
TOTALS	$299,060	$273,864	$262,188	$236,135	$319,850	$245,102	$359,650	$430,000	$297,550	$342,900	$350,250	$380,950

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

EXHIBIT 1

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
14. Collection System												
A. Salary & Wages												
050. Sewer Maintenance	118,385	114,722	100,649	144,293	106,500	164,872	112,650		116,600	120,650	124,900	129,250
060. Inspection	266,128	273,904	306,964	268,960	329,750	278,294	342,950		354,950	367,400	380,250	393,550
070. Investigations	9,568	9,051	9,329	9,011	10,200	11,413	10,600		10,950	11,350	11,750	12,150
Subtotal	$394,081	$397,677	$416,942	$422,264	$446,450	$454,579	$466,200	$540,000	$482,500	$499,400	$516,900	$534,950
B. Operation & Maintenance												
102. Water, Garbage, Other		$10	$31	$21	$0	$0	$0		$0	$0	$0	$0
112. Communication	$5,349	6,308	5,620	5,256	8,850	7,484	6,800		7,750	7,800	7,900	7,950
113. Emer/Safety Equipment	5,565	1,156	2,925	370	7,700	1,055	2,000		2,100	2,150	2,250	2,300
115. Eqpt/Eqpt Repair	61,798	53,369	56,317	31,768	56,800	61,685	213,500		60,250	62,050	63,900	65,800
116. Supplies	4,566	5,910	6,547	5,355	11,850	5,728	12,100		12,350	12,700	13,100	13,500
117. Employee/Duty Costs	11,999	11,623	7,032	8,640	15,500	10,632	13,000		13,300	13,500	13,800	14,100
124. Contract Services	24,435	40,280	22,119	34,399	130,000	140,837	132,100		132,800	133,400	134,050	134,750
900. Collection System Repair	2,022,782	1,083,426	861,895	964,860	1,369,600	1,239,964	1,631,600		1,481,600	2,149,000	2,231,600	2,381,600
127. JULIE	15,010	12,572	13,223	14,782	13,000	11,600	13,000		13,400	13,800	14,200	14,650
128. Overhead Sewer Program	10,375	3,061	64,539	23,500	27,000	14,064	15,000		15,000	15,000	15,000	15,000
129. Public Sewer Blockage Program	6,356	6,917	2,231	9,355	12,000	3,911	12,000		12,000	12,000	12,000	12,000
Subtotal	$2,168,236	$1,224,634	$1,042,478	$1,098,305	$1,652,300	$1,496,960	$2,051,100	$2,460,000	$1,750,550	$2,421,400	$2,507,800	$2,661,650
C. Vehicles												
222. Gas/Fuel	$22,657	$23,769	$19,318	$18,707	$26,500	$15,709	$26,500		$28,100	$29,800	$31,550	$33,450
225. Operation/Repair	13,798	3,996	10,517	5,686	5,300	2,898	5,300		5,450	5,600	5,750	5,900
226. Vehicle Purchase	151,218	0	272,100	23,773	18,000	5,633	0		20,000	0	40,000	20,000
Subtotal	$187,674	$27,765	$301,935	$48,166	$49,800	$24,240	$31,800	$40,000	$53,550	$35,400	$77,300	$59,350
TOTALS	$2,749,991	$1,650,076	$1,761,356	$1,568,735	$2,148,550	$1,975,779	$2,549,100	$3,040,000	$2,286,600	$2,956,200	$3,102,000	$3,255,950

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

EXHIBIT 1

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
15. Lift Stations												
A. Salary & Wages												
009. Oper. Management	$1,925	$1,463	$374	$167	$400	94	$400		400	450	450	450
030. Building & Grounds	48	473	0	2,175	0	960	0		0	0	0	0
080. Lift Station Maint.	61,542	57,479	53,962	29,737	58,300	44,156	61,100		63,250	65,450	67,750	70,100
Subtotal	$63,515	$59,415	$54,335	$32,080	$58,700	$45,211	$61,500	$80,000	$63,650	$65,900	$68,200	$70,550
B. Operation & Maintenance												
100. Electricity	$116,887	$85,213	$110,145	$106,194	$110,000	$100,556	$110,000		$116,600	$123,600	$131,000	$138,850
102. Water, Garbage, Other		$67	$206	$143	$0	$180	$0		$0	$0	$0	$0
104. Fuel - Generators	$8,387	4,215	5,440	6,620	6,000	$2,595	6,000		6,200	6,350	6,550	6,750
112. Communication	6,922	6,945	7,338	4,669	6,300	6,948	5,700		5,700	5,300	5,400	5,500
113. Emer/Safety Eqpt.	1,307	2,470	182	75	250	0	250		250	250	250	300
500. Eqpt/Eqpt Repair	57,745	180,059	133,204	134,270	123,000	128,408	134,750		126,450	135,850	140,900	138,650
116. Supplies	392	173	257	240	250	239	250		250	250	250	300
800. Building & Grounds	36,151	27,319	49,517	76,902	30,900	18,480	46,500		19,450	32,500	18,000	21,300
Subtotal	$227,791	$306,462	$306,289	$329,112	$276,700	$257,407	$303,450	$370,000	$274,900	$304,100	$302,350	$311,650
TOTALS	$291,306	$365,877	$360,624	$361,192	$335,400	$302,618	$364,950	$450,000	$338,550	$370,000	$370,550	$382,200
17. Insurance & Employee Benefits												
E. Insurance & Payroll												
452. Liability/Property	$161,562	$153,728	$170,156	$205,995	$193,000	$193,833	$201,500		$207,150	$212,950	$219,950	$226,350
455. Employee Group Coverage	414,780	428,464	437,752	432,153	464,250	423,898	447,400		466,000	493,700	523,100	554,200
460. I.M.R.F.	326,452	430,496	439,952	430,592	313,900	319,792	303,000		289,400	271,300	255,800	252,300
461. Social Security	175,834	177,167	180,642	190,804	196,950	192,693	202,900		209,950	217,250	224,850	232,650
TOTALS	$1,078,627	$1,189,855	$1,228,502	$1,259,545	$1,168,100	$1,130,216	$1,154,800	$1,300,000	$1,172,500	$1,195,200	$1,223,700	$1,265,500
GRAND TOTALS	$7,786,276	$7,414,342	$7,559,060	$7,546,493	$7,824,150	$7,665,561	$8,343,000	$9,820,000	$8,537,600	$8,854,650	$9,163,350	$9,545,250

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

EXHIBIT 1

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
REVENUES												
User receipts	$3,412,850	$3,496,017	$3,319,850	$3,289,152	$3,237,900	$3,279,879	$3,269,400	$3,269,400	$3,204,100	$3,140,000	$3,077,200	$3,015,600
Surcharges	324,567	370,277	376,445	346,091	310,000	361,968	310,000	310,000	310,000	310,000	310,000	310,000
Monthly service fees	2,183,139	2,274,480	2,381,716	2,608,883	2,861,300	2,793,884	3,193,200	3,193,200	3,553,200	3,913,200	4,273,200	4,633,200
Plan review fees	1,030	211	324	986	1,000	1,042	1,000	1,000	2,000	3,000	4,000	4,000
Const inspection fees	12,262	0	0	0	500	762	500	500	500	500	500	500
Permit inspection fees	17,388	21,917	18,154	25,008	20,000	25,084	20,000	20,000	23,000	22,000	22,000	22,000
Interest	2,994	2,714	2,537	5,019	9,650	4,586	9,650	9,650	9,900	20,350	21,000	43,250
Sampling & monitoring charges	49,405	64,246	67,735	73,843	65,000	77,692	65,000	65,000	67,300	69,650	72,050	74,600
Real estate taxes	994,406	1,017,885	1,055,752	1,080,927	1,102,550	1,105,161	1,127,250	1,127,250	1,149,800	1,172,800	1,196,250	1,220,200
Television inspection fees	1,540	0	0	0	150	159	150	150	150	150	150	150
Replacement taxes	75,170	74,527	85,289	83,215	79,800	82,175	79,800	79,800	82,600	82,600	82,600	82,600
Lease payments	31,594	32,156	32,491	32,905	33,500	33,101	33,500	33,500	34,100	34,800	35,500	36,200
Miscellaneous	16,807	12,485	3,291	5,794	4,000	6,045	4,000	4,000	4,000	4,000	4,000	4,000
Grease Waste	29,061	101,820	121,418	136,551	140,000	137,213	140,000	140,000	160,000	160,000	160,000	160,000
ARRA Disbursement	933,899											
TOTAL REVENUES	$8,086,111	$7,468,734	$7,465,003	$7,688,373	$7,865,350	$7,908,751	$8,253,450	$8,253,450	$8,600,650	$8,933,050	$9,258,450	$9,606,300
TOTAL EXPENSES	$7,786,276	$7,414,342	$7,559,060	$7,546,493	$7,824,150	$7,665,561	$8,343,000	$9,820,000	$8,537,600	$8,854,650	$9,163,350	$9,545,250
EXCESS (DEFICIT) REVENUES OVER EXPENSES	$299,836	$54,392	($94,058)	$141,880	$41,200	$243,190	($89,550)	($1,566,550)	$63,050	$78,400	$95,100	$61,050
ENDING FUND BALANCE	$1,811,533	$1,865,926	$1,771,868	$1,913,747	$1,954,947	$2,156,937	$2,067,387	$590,387	$2,130,437	$2,208,837	$2,303,937	$2,364,987
RESTRICTED FOR REPLACEMENT	$820,000	$820,000	$820,000	$820,000	$820,000	$820,000	$820,000		$820,000	$820,000	$820,000	$820,000
UNRESTRICTED	$991,533	$1,045,926	$951,867	$1,093,747	$1,134,947	$1,336,937	$1,247,387		$1,310,437	$1,388,837	$1,483,937	$1,544,987
ENDING FUND BALANCE AS PERCENTAGE OF TOTAL EXPENSES	23%	25%	23%	25%	25%	28%	25%		25%	25%	25%	25%
USER RATE	$1.65	$1.65	$1.65	$1.65	$1.65	$1.65	$1.65		$1.65	$1.65	$1.65	$1.65
INCREASE FROM PRIOR YEAR'S RATE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%
MONTHLY SERVICE FEE	$9.00	$9.50	$10.00	$11.00	$12.00	$12.00	$13.50		$15.00	$16.50	$18.00	$19.50
INCREASE FROM PRIOR YEAR'S FEE	0.0%	5.6%	5.3%	10.0%	9.1%	9.1%	12.5%		11.1%	10.0%	9.1%	8.3%

GENERAL CORPORATE FUND
EXPENDITURES

Summary

The annual budgets for operation, maintenance and replacement for the next five years are contained in Exhibit 1. The proposed budget amounts represent the best estimates of actual expenditures each year. Necessary contingencies for FY 16-17 are provided in the proposed appropriation amounts for the major categories in each department. The appropriation amounts represent the legal limit on spending during the year as established in the appropriation ordinance.

Total operation, maintenance and replacement expenditures for FY 16-17 are budgeted at $8,343,000 and actual expenditures are expected to be 100% of budget. Actual expenditures for FY 15-16 are projected to be $7,500,797. The following table presents budget and actual totals for the last ten years and projected budget totals for the next five years:

Fiscal Year	O & M Budget	Actual Expenditures	% of Actual to Budget	Annual Increase in Actual Expenditures
2006-07	7,250,400	6,617,625	91%	9.7%
2007-08	7,635,700	7,211,744	94%	9.0%
2008-09	7,483,450	7,505,716	100%	4.1%
2009-10	7,331,500	7,742,838	106%	3.2%
2010-11	11,599,550	10,118,798	87%	30.7%
2011-12	7,507,300	7,786,276	104%	-23.1%
2012-13	7,275,100	7,414,342	102%	-4.8%
2013-14	7,589,050	7,559,060	100%	2.0%
2014-15	7,509,450	7,546,493	100%	-0.2%
2015-16	7,824,150	7,665,561*	98%*	1.6%*
2016-17	8,343,000	8,343,000*	100%*	8.8%*
2017-18	8,537,600	8,537,600*	100%*	2.3%*
2018-19	8,854,650	8,854,650*	100%*	3.7%*
2019-20	9,163,350	9,163,350*	100%*	3.5%*
2020-21	9,545,250	9,545,250*	100%*	4.2%*

*projected

The significant increases in expenditures in FY 06-07 and FY 07-08 reflect implementation of a major sewer rehabilitation program. Increases in FY 10-11 represent sewer system rehabilitation and replacement projects leveraging ARRA funding that was available in that time period, with the decrease in FY 11-12 representing the end of this program funding opportunity. The decrease in FY 12-13 is primarily due to reduced operating costs associated with low rainfall totals during this period. Increases from FY 15-16 to FY 20-21 represent expected increases in the cost of goods and services, some variability in fixed assets needing replacement, steady increases in the annual expenditures on sewer replacement and rehabilitation, and repayments into capital funds.

Analysis by Type of Expenditure

I. Salaries and Wages

Year	Salaries and Wages	Change	Full Time Equivalents
FY 11-12	2,345,577	0.3%	38.1
FY 12-13	2,363,520	0.8%	38.1
FY 13-14	2,407,333	1.9%	37.5
FY 14-15	2,546,080	5.8%	37.4
FY 15-16	2,652,799	4.2%	38.7
FY 16-17	2,696,350	1.6%	38.5
FY 17-18	2,790,050	3.5%	38.5
FY 18-19	2,887,050	3.5%	38.5
FY 19-20	2,987,400	3.5%	38.5
FY 20-21	3,091,300	3.5%	38.5

The small increase in FY 11-12 reflects regular pay increases offset by turnover in the lab, including reducing the number of analysts to two. The total for FY 12-13 reflects regular pay increases and some overlapping turnover at the plant operator position offset by lower overtime because of generally dry conditions for the year. The total for FY 13-14 reflects turnover at the plant operator position. The total for FY 14-15 reflects the conversion of a part time mechanic's helper to a full time mechanic position and overlapping turnover at the plant operator position. The increase in FY15-16 reflects overlapping turnover with the retirement of a long-time administration employee. Annual salary adjustments of 3.5% at full staffing account for remaining future increases.

II. O & M Expenses – Utilities

Year	Utilities	Change
FY 11-12	552,922	0.8%
FY 12-13	412,297	-25.4%
FY 13-14	503,391	22.1%
FY 14-15	422,096	-16.1%
FY 15-16	375,351	-11.8%
FY 16-17	366,400	-1.6%
FY 17-18	386,550	5.5%
FY 18-19	365,150	-5.5%
FY 19-20	275,300	-24.6%
FY 20-21	289,000	5.0%

The contracts for fixed priced electricity supply covering the second half of FY 11-12 to the present have been considerably lower than the previous contracts because of favorable market conditions. Electric usage in FY 12-13 was low because of generally dry conditions. Electric use in FY 13-14 returned to those associated with wet conditions, and costs were further increased by higher electricity prices. The first phase of the gas utilization system was started up during FY 14-15, and reductions in utility costs reflect resulting reduced electricity usage. Further reductions in FY 18-19 and FY 19-20 reflect implementation of the second phase of the gas utilization system.

Electric price increases are projected to grow at 6% per year. Natural gas use is expected to remain low compared to historic levels.

III. O & M Expenses – Other

Year	O & M Expenses - Excluding Utilities	Change
FY 11-12	3,561,574	-41.8%
FY 12-13	3,307,768	-7.1%
FY 13-14	3,070,901	-7.2%
FY 14-15	3,196,840	4.1%
FY 15-16	3,412,222	6.7%
FY 16-17	4,027,800	18.0%
FY 17-18	4,059,350	0.8%
FY 18-19	4,294,500	5.8%
FY 19-20	4,505,350	4.9%
FY 20-21	4,748,800	5.4%

Lowering expense levels from FY 11-12 to FY 13-14 reflect temporary curtailment of the I/I program and sewer rehabilitation, and the end of ARRA-funded projects. Increasing expenses projected from FY 14-15 through FY 19-20 reflect planned capital fund repayments, the resumption of private property I/I program expenditures, and increases in sewer replacement and rehabilitation expenditures. Major planned expenses are detailed in Exhibit 2.

IV. Vehicles

Year	Vehicles	Replacements	Change
FY 11-12	247,575	3	169.9%
FY 12-13	140,978	3	-43.1%
FY 13-14	348,964	6	147.5%
FY 14-15	121,953	4	-65.1%
FY 15-16	97,973	4	-19.7%
FY 16-17	97,650	1	-0.3%
FY 17-18	129,150	2	32.3%
FY 18-19	112,750	1	-12.7%
FY 19-20	164,500	3	52.2%
FY 20-21	150,650	3	-12.2%

Vehicle expenses fluctuate based on vehicle replacement needs and average $161,214 per year during the ten year period shown. Small vehicles are generally scheduled for replacement after six years of use, while larger heavy duty vehicles have a longer service life. Small CNG vehicles are scheduled for replacement after 10 years. Fuel prices are currently at a long-time low. Replacement of the heavy duty sewer system jetter/vacuum truck was completed in FY 13-14. Proposed vehicle replacements are detailed in Exhibit 2 under budget codes 12C226, 13C226 and 14C226.

V. Insurance and Employee Benefits

Year	Ins/Emp Benefits	Change
FY 11-12	1,078,627	5.6%
FY 12-13	1,189,855	10.3%
FY 13-14	1,228,502	3.2%
FY 14-15	1,259,545	2.5%
FY 15-16	1,130,216	-10.3%
FY 16-17	1,154,800	2.2%
FY 17-18	1,172,500	1.5%
FY 18-19	1,195,200	1.9%
FY 19-20	1,223,700	2.4%
FY 20-21	1,265,500	3.4%

The proposed increases in these expenditures are due to premium increases on all coverages, particularly employee group, workers compensation, property and liability. Projected decreases in the District's IMRF contribution rate help reduce the overall increase over time. $100,000 annual lump-sum IMRF payments were included in FY 12-13, FY 13-14, and FY 14-15 to reduce the District's unfunded liability and future contribution rates. The IMRF unfunded liability had been reduced substantially, so this additional contribution was discontinued in FY 15-16.

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
SUMMARY AND ANALYSIS												
EXPENSE ANALYSIS BY DEPARTMENT												
ADMINISTRATION												
SALARIES AND WAGES	$743,746	$744,455	$755,436	$775,190	$813,100	$803,006	$827,000	$950,000	$855,250	$884,550	$914,800	$946,150
% CHANGE FROM PRIOR YEAR	3.9%	0.1%	1.5%	2.6%	4.9%	3.6%	3.0%		3.4%	3.4%	3.4%	3.4%
OFFICE EXPENSES	$301,068	$442,117	$356,555	$348,637	$363,850	$329,076	$426,150	$510,000	$384,000	$411,850	$442,500	$407,450
% CHANGE FROM PRIOR YEAR	0.4%	46.8%	-19.4%	-2.2%	4.4%	-5.6%	29.5%		-9.9%	7.3%	7.4%	-7.9%
VEHICLE EXPENSES	$3,276	$19,222	$3,457	$18,086	$15,750	$10,788	$3,650	$10,000	$3,850	$4,050	$4,400	$4,700
% CHANGE FROM PRIOR YEAR	-2.7%	486.7%	-82.0%	423.2%	-12.9%	-40.3%	-66.2%		5.5%	5.2%	8.6%	6.8%
TOTAL ADMINISTRATION EXPENSES	$1,048,090	$1,205,794	$1,115,448	$1,141,913	$1,192,700	$1,142,870	$1,256,800	$1,470,000	$1,243,100	$1,300,450	$1,361,700	$1,358,300
% CHANGE FROM PRIOR YEAR	2.8%	15.0%	-7.5%	2.4%	4.4%	0.1%	10.0%		-1.1%	4.6%	4.7%	-0.2%

COMMENTS

Salaries and Wages	Salary levels generally increase with projected salary adjustments.
Office	Outside work including parking lot repairs and re-roofing the administration center are included. Inside work including remodeling the reception area and new carpeting are included. Office servers, copier and software updates are included.
Vehicles	Vehicle costs reflect fuel and normal maintenance and repairs.

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT WASTEWATER TREATMENT CENTER												
SALARIES AND WAGES	$961,759	$999,931	$1,010,961	$1,136,161	$1,098,750	$1,156,217	$1,135,200	$1,300,000	$1,174,950	$1,216,050	$1,258,600	$1,302,700
% CHANGE FROM PRIOR YEAR	3.9%	4.0%	1.1%	12.4%	-3.3%	1.8%	-1.8%		3.5%	3.5%	3.5%	3.5%
OPERATION & MAINTENANCE EXPENSES	$1,302,028	$1,667,587	$1,775,108	$1,789,244	$1,489,300	$1,650,375	$1,473,500	$1,770,000	$1,953,850	$1,401,850	$1,408,000	$1,514,500
% CHANGE FROM PRIOR YEAR	26.4%	28.1%	6.4%	0.8%	-16.8%	-7.8%	-10.7%		32.6%	-28.3%	0.4%	7.6%
VEHICLE EXPENSES	$55,415	$61,359	$44,873	$53,569	$71,500	$62,384	$49,000	$60,000	$70,500	$72,000	$88,550	$85,150
% CHANGE FROM PRIOR YEAR	19.0%	10.7%	-26.9%	19.4%	33.5%	16.5%	-21.5%		43.9%	2.1%	23.0%	-3.8%
TOTAL PLANT EXPENSES	$2,319,202	$2,728,876	$2,830,942	$2,978,973	$2,659,550	$2,868,976	$2,657,700	$3,130,000	$3,199,300	$2,689,900	$2,755,150	$2,902,350
% CHANGE FROM PRIOR YEAR	15.8%	17.7%	3.7%	5.2%	-10.7%	-3.7%	-7.4%		20.4%	-15.9%	2.4%	5.3%

COMMENTS

Salaries and Wages — WWTC salaries and wages reflect full staffing and projected annual salary adjustments.

Operation and Maintenance — Operation and maintenance expenses remain fairly constant over the 5-year projection. The annual expenses in FY 17-18 include repayments to the construction fund for previous major replacements. Planned upgrades and replacements are detailed in Exhibit 2 under codes 12B500 and 12B800.

Vehicles — Vehicle costs vary based on replacement needs. Vehicle replacements are detailed in Exhibit 2 under budget code 12C226.

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
SUMMARY AND ANALYSIS												
EXPENSE ANALYSIS BY DEPARTMENT												
LABORATORY												
SALARIES AND WAGES	$182,477	$162,044	$169,659	$180,387	$195,700	$193,787	$206,450	$240,000	$213,700	$221,150	$228,900	$236,950
% CHANGE FROM PRIOR YEAR	-12.1%	-11.2%	4.7%	6.3%	8.5%	7.4%	6.5%		3.5%	3.5%	3.5%	3.5%
OPERATION & MAINTENANCE EXPENSES	$115,373	$79,188	$93,831	$53,617	$122,950	$50,754	$140,000	$170,000	$82,600	$120,450	$120,000	$142,550
% CHANGE FROM PRIOR YEAR	-37.3%	-31.4%	18.5%	-42.9%	129.3%	-5.3%	175.8%		-41.0%	45.8%	-0.4%	18.8%
VEHICLE EXPENSES	$1,210	$32,632	($1,301)	$2,131	$1,200	$561	$13,200	$20,000	$1,250	$1,300	$1,350	$1,450
% CHANGE FROM PRIOR YEAR	-89.8%	2596.0%	-104.0%	-263.8%	-43.7%	-73.7%	2254.8%		-90.5%	4.0%	3.8%	7.4%
TOTAL LABORATORY EXPENSES	$299,060	$273,864	$262,188	$236,135	$319,850	$245,102	$359,650	$430,000	$297,550	$342,900	$350,250	$380,950
% CHANGE FROM PRIOR YEAR	-25.9%	-8.4%	-4.3%	-9.9%	35.5%	3.8%	46.7%		-17.3%	15.2%	2.1%	8.8%

COMMENTS

Salaries and Wages	Projected lab salaries and wages reflect future annual salary adjustments with 2 full-time analysts.
Operation and Maintenance	Major expenditures include the purchase of FOG testing automation equipment and casework and fumehood replacements and mold abatement.
Vehicles	The lab car is to be replaced in FY 16-17.

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
SUMMARY AND ANALYSIS												
EXPENSE ANALYSIS BY DEPARTMENT												
COLLECTION SYSTEM												
SALARIES AND WAGES	$394,081	$397,677	$416,942	$422,264	$446,450	$454,579	$466,200	$540,000	$482,500	$499,400	$516,900	$534,950
% CHANGE FROM PRIOR YEAR	-2.7%	0.9%	4.8%	1.3%	5.7%	7.7%	2.6%		3.5%	3.5%	3.5%	3.5%
OPERATION & MAINTENANCE EXPENSES	$2,168,236	$1,224,634	$1,042,478	$1,098,305	$1,652,300	$1,496,960	$2,051,100	$2,460,000	$1,750,550	$2,421,400	$2,507,800	$2,661,650
% CHANGE FROM PRIOR YEAR	-55.8%	-43.5%	-14.9%	5.4%	50.4%	36.3%	37.0%		-14.7%	38.3%	3.6%	6.1%
VEHICLE EXPENSES	$187,674	$27,765	$301,935	$48,166	$31,800	$24,240	$31,800	$40,000	$53,550	$35,400	$77,300	$59,350
% CHANGE FROM PRIOR YEAR	527.0%	-85.2%	987.5%	-84.0%	-34.0%	-49.7%	31.2%		68.4%	-33.9%	118.4%	-23.2%
TOTAL COLLECTION SYSTEM EXPENSES	$2,749,991	$1,650,076	$1,761,356	$1,568,735	$2,130,550	$1,975,779	$2,549,100	$3,040,000	$2,286,600	$2,956,200	$3,102,000	$3,255,950
% CHANGE FROM PRIOR YEAR	-48.5%	-40.0%	6.7%	-10.9%	35.8%	25.9%	29.0%		-10.3%	29.3%	4.9%	5.0%

COMMENTS

Salaries and Wages	The plan reflects full staffing and normal planned annual increases.
Operation and Maintenance	Continuing implementation of the Building Sanitary Service Repair Assistance Program is reflected. Expenses for the I/I program and planned structural rehab work increase througout the 5-year plan period. Repayments to the improvement fund for previous sewer replacements are expected in FY 18-19 and FY 19-20.
Vehicles	Future vehicle purchases are shown in Exhibit 2 under section 14C226.

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
SUMMARY AND ANALYSIS												
EXPENSE ANALYSIS BY DEPARTMENT												
LIFT STATIONS												
SALARIES AND WAGES	$63,515	$59,415	$54,335	$32,080	$58,700	$45,211	$61,500	$80,000	$63,650	$65,900	$68,200	$70,550
% CHANGE FROM PRIOR YEAR	-24.7%	-6.5%	-8.5%	-41.0%	83.0%	40.9%	36.0%		3.5%	3.5%	3.5%	3.4%
OPERATION & MAINTENANCE EXPENSES	$227,791	$306,462	$306,289	$329,112	$276,700	$257,407	$303,450	$370,000	$274,900	$304,100	$302,350	$311,650
% CHANGE FROM PRIOR YEAR	-9.8%	34.5%	-0.1%	7.5%	-15.9%	-21.8%	17.9%		-9.4%	10.6%	-0.6%	3.1%
TOTAL LIFT STATION EXPENSES	$291,306	$365,877	$360,624	$361,192	$335,400	$302,618	$364,950	$450,000	$338,550	$370,000	$370,550	$382,200
% CHANGE FROM PRIOR YEAR	-13.5%	25.6%	-1.4%	0.2%	-7.1%	-16.2%	20.6%		-7.2%	9.3%	0.1%	3.1%

COMMENTS

Salaries and Wages — The budget reflects salary adjustments based on the proportion of recent time spent on lift stations.

Operation and Maintenance — Major planned expenses include wireless telemetry, a pump replacement at College lift station, replacement of portable pumps, and egnineering planning work for needed major rehabilitation work at Butterfield and Centex lift stations.

DOWNERS GROVE SANITARY DISTRICT - FIVE YEAR FINANCIAL PLAN - FISCAL YEARS 2016-2017 to 2020-2021

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 16-17 Appropriation	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
SUMMARY AND ANALYSIS EXPENSE ANALYSIS BY DEPARTMENT INSURANCE AND EMPLOYEE BENEFITS												
TOTAL INSURANCE/EMPLOYEE BENEFITS	$1,078,627	$1,189,855	$1,228,502	$1,259,545	$1,168,100	$1,130,216	$1,154,800	$1,300,000	$1,172,500	$1,195,200	$1,223,700	$1,265,500
% CHANGE FROM PRIOR YEAR	5.6%	10.3%	3.2%	2.5%	-7.3%	-10.3%	2.2%		1.5%	1.9%	2.4%	3.4%

COMMENTS

Projected expenses for insurance and employee benefits reflect the following factors:

1. Expecting annual net increases in liability and property premiums of 2.0%, and annual premium increases of 4% each year for workers compensation.

2. Increases of 6% for employee group medical and dental each year.

3. The District's IMRF contributions are expected to decrease over the 5 year period. While covered payroll is expected to increase, rates are expected to decrease due to good recent investment performance and voluntary contributions.
4. No change is expected in the District's social security contribution rate.

DOWNERS GROVE SANITARY DISTRICT EXHIBIT 2
MAJOR REPLACEMENTS AND PURCHASES BY BUDGET CODE
FISCAL YEARS 2016-17 TO 2020-21

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
11B115 (ADMIN-Eqpt/Eqpt Repair)					
1.Office software licensing updates				20,000	
2.Replace data servers, storage, switching	28,000		30,000		
3.Printer replacements	3,000		2,000		
4.Copier replacement		15,000			
Annual Totals	$31,000	$15,000	$32,000	$20,000	$0
11B118 (ADMIN-Building & Grounds)					
1.Upgrade front entrance				35,000	35,000
2.Re-roof admin building				15,000	
3.Repair/replace parking lot	40,000				
4.Replace carpeting			23,000		
Annual Totals	$40,000	$0	$23,000	$50,000	$35,000
11B137 (ADMIN-Dues/Subscriptions)					
1.National association of clean water agencies	5,200	5,300	5,400	5,500	5,600
2.Illinois association of wastewater agencies	4,550	4,650	4,750	4,850	4,950
Annual Totals	$9,750	$9,950	$10,150	$10,350	$10,550
11C226 (ADMIN-Vehicle Purchases)					
1.Administration vehicles					
2.Sale of old vehicles					
Annual Totals	$0	$0	$0	$0	$0
12B500 (WWTC-Eqpt/Eqpt Repair)					
1.Grit removal systems					
a.Grit classifier overhaul		12,000	12,000		
b.Conveyor overhaul				20,000	
c.Grit blower overhaul	12,000				
2.Primary treatment					
a.Influent gate replacement	14,000				
b.Scum trough replacement	9,500	9,750	10,000		
c.Sludge grinder replacements					19,000
d.Sludge collector replacement		12,000	6,200		
3.Secondary treatment					
a.Protective coatings - secondary clarifiers	30,000	45,000		25,000	25,000
b.Hoffman/PD blower overhaul		15,000	15,000		15,000
c.Aeration tank diffuser plates			40,000		
d.Aeration tank influent gate actuators	7,500				
e. Clarifier deck replacement	3,500	3,500	4,500	4,500	
f.Sluice gate replacements					45,000
4.Intermediate clarifier system					
a.Intermediate sludge pumps (2) - overhaul	5,000	5,000			
5.Sand filters					
a.Waste washwater pumps (2) overhaul	4,000	4,000			
6.Disinfection equipment					
a.Fiberglass tank inspections/repairs			5,000		
b.ORP probe replacement					8,000
c.OSEC brine feed pump replacement					8,000
d.Chlorine contact tank weir replacement	10,000				
7.Excess flow tanks					
a.Replace sludge grinder					10,000
b.Clarifier scum trough replacement			20,000		
c.Overhaul sludge pump				5,000	
e.Control panel replacement		40,000			
f.Sludge valve and actuator replacement	20,000				

DOWNERS GROVE SANITARY DISTRICT EXHIBIT 2
MAJOR REPLACEMENTS AND PURCHASES BY BUDGET CODE
FISCAL YEARS 2016-17 TO 2020-21

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
8.Sludge concentrators					
a.Sludge pump replacements				9,500	9,500
9.Sludge digestion					
a.Re-glaze floating covers/repair skirt	10,000				
b.Digester 3 gas wasting control upgrade	15,000	15,000			
c.Digester 5 gas flare repair and control uprade	15,000				
10.Sludge dewatering system					
a.Polymer feed systm replacement	20,000				
b.Sludge conveyor liner replacement					
c.Belt press feed pump replacement	9,000	9,500			
d.Plug valve replacements	4,500	4,500	4,500	4,500	
e.Replace belt press washwater pump		7,500			
f.Curtiss lagoon drain system repairs	29,000				
g.Drying bed repairs			15,000		
11.Sludge handling equipment					
a.Wheel loader - 3 yd, replacement		135,000			
b.Bobcat replacement				25,000	
c.Auger replacements			30,000		
d.Dump truck - 12 yd, replacement					80,000
12.Maintenance/utilities					
a.New forklift	25,000				
b.Replace portable pump			7,500		
c.Main switchgear maintenance					5,250
d.CHP Engine overhaul			30,000		
e.Emergency generator voltage regulator upgrades	21,900				
f.Emergency generator control panel replacement				100,000	
g.Yard piping repairs	45,000	46,350	47,750	49,150	50,650
13.Repay construction fund					
a.Digester 4 mixing and cleaning		150,000			
b.Plant switchgear replacement		250,000			
Annual Totals	$309,900	$764,100	$247,450	$242,650	$275,400
12B800 (WWTC-Building & Grounds)					
1.High efficiency lighting upgrades	5,000	5,000	5,000	5,000	5,000
2.Roof repairs	5,000	21,000	18,000	36,000	40,000
3.Road / sidewalk repair	50,000	50,500	51,000	51,500	52,000
4.Window / door replacement	28,000	15,000	8,000	26,500	5,000
5.HVAC repairs		3,000	4,000		7,500
6.Outside stairs, railings, gratings, and fencing	18,000	16,000	5,000	4,000	52,500
7.Replace dehumidifier media		10,000			
8.Tuckpointing	30,000	30,000	30,000	30,000	30,000
9.Interior painting	15,000	15,500	16,000	16,500	17,000
10.Operations center remodel/re-roof/hvac	60,000				
Annual Totals	$211,000	$166,000	$137,000	$169,500	$209,000
12B124 (WWTC-Contract Services)					
1.DRSCW membership/stream restoration	84,850	126,750	130,550	203,200	209,300
Annual Totals	$84,850	$126,750	$130,550	$203,200	$209,300
12B130 (WWTC-NPDES Permit Fees)					
1.Annual permit fees	53,000	53,000	53,000	53,000	53,000
Annual Totals	$53,000	$53,000	$53,000	$53,000	$53,000

DOWNERS GROVE SANITARY DISTRICT EXHIBIT 2
MAJOR REPLACEMENTS AND PURCHASES BY BUDGET CODE
FISCAL YEARS 2016-17 TO 2020-21

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
12C226 (WWTC-Vehicle Purchases)					
1.Operations supervisor pickup		23,000			24,000
2.Maintenance supervisor pickup			23,000		
3.Lift station pickup					
4.Electric cart					11,000
5.Maintenance aux truck				40,000	
6.Sale of old vehicles		(3,000)	(3,000)	(5,000)	(5,000)
Annual Totals	$0	$20,000	$20,000	$35,000	$30,000
13B115 (LAB-Eqpt/Eqpt Repair)					
2.Casework/fumehood replacement/mold abatement	60,000		30,000		
3.FOG automation					32,000
4.Autoclave				15,000	
5.Multifunction meter		2,500			
6.Incubators		5,000	8,000	10,000	
7.Balance upgrade	2,200				
8.Rotovapor					5,000
9.Autotitrator					10,000
10.Centrifuge					8,000
11.Glass washer				15,000	
Annual Totals	$62,200	$7,500	$38,000	$40,000	$55,000
13C226 (LAB-Vehicle Purchase)					
1.Lab car	15,000				
2.Sale of old lab car	(3,000)				
Annual Totals	$12,000	$0	$0	$0	$0
14B115 (SEWER SYSTEM-Eqpt/Eqpt Repair)					
1.TV truck upgrades	155,000				
Annual Totals	$155,000	$0	$0	$0	$0
14B124 (SEWER SYSTEM-Contract Services)					
1.Contract Televising	$100,000	$100,000	$100,000	$100,000	$100,000
Annual Totals	$100,000	$100,000	$100,000	$100,000	$100,000
14B900 (SEWER SYSTEM-System Repairs)					
1.Structural/O&M					
a.Main sewers	75,000	75,000	75,000	75,000	75,000
b.Manholes	25,000	25,000	25,000	25,000	25,000
c.Building sanitary services	550,000	550,000	550,000	550,000	550,000
2.Sewer replacements and rehabilitation					
a.Repay improvement fund for prior projects			317,400	300,000	
b.Sewer rehab/replacement	800,000	650,000	700,000	800,000	1,250,000
3.I/I Program			300,000	300,000	300,000
4.IEPA ARRA loan repayment	181,600	181,600	181,600	181,600	181,600
Annual Totals	$1,631,600	$1,481,600	$2,149,000	$2,231,600	$2,381,600
14C226 (SEWER SYSTEM-Vehicle Purchases)					
1.Inspection/technician vans				48,000	
2.Maintenance pickup		25,000			
3.Maintenance supervisor pickup					24,000
4.Sale of old vehicles		(5,000)		(8,000)	(4,000)
Annual Totals	$0	$20,000	$0	$40,000	$20,000

DOWNERS GROVE SANITARY DISTRICT EXHIBIT 2
MAJOR REPLACEMENTS AND PURCHASES BY BUDGET CODE
FISCAL YEARS 2016-17 TO 2020-21

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
15B500 (LIFT STATIONS-Eqpt/Eqpt Repair)					
1.Butterfield lift station					
a.Pump overhaul	4,000		4,000		
b.Planning study			25,000		
2.Centex lift station					
a.Pump overhaul		2,500	2,575		
b.Planning study					27,500
3.College lift station					
a.Replace pump no. 1		37,500			
b.Pump overhaul		12,000	12,360		
4.Earlston lift station					
a.Pump overhaul	12,000	2,500	2,575		
5.Hobson lift station					
a.Pump overhaul			7,000	7,250	7,500
6.Liberty Park lift station					
a.Pump overhaul	3,500				
7.Northwest					
a.Pump overhaul	3,000	3,250	3,500	3,500	
b.Impeller replacements		6,000	6,000	6,000	
8.Venard lift station					
a.Pump overhaul			12,500	12,750	13,000
9.Wroble lift station					
a.Pump overhaul				7,500	7,750
b.Discharge valve replacements	8,000				
10.General maintenance					
a.Portable pump replacements				41,500	10,000
b.Wireless communications	45,000				
c.Forcemain air valve restoration	5,000	5,000			
Annual Totals	$80,500	$68,750	$75,510	$78,500	$65,750
15B800 (LIFT STATIONS-Building & Grounds)					
1.Hobson driveway replacement			15,000		
2.Hobson drywell rehabilitation	25,000				
3.Cathodic protection testing		2,500			2,750
4.Painting	5,000				
Annual Totals	$30,000	$2,500	$15,000	$0	$2,750
IMPROVEMENT FUND					
1.Future special assessments		200,000	200,000	200,000	200,000
2.IEPA loan repayment	93,200	93,200	93,200	93,200	93,200
3.Renovate Liberty Park LS			750,000		
Annual Totals	$93,200	$293,200	$1,043,200	$293,200	$293,200
CONSTRUCTION FUND					
1.IEPA loan repayment	28,900	28,900	28,900	28,900	28,900
2.Digester mixing and gas piping upgrades	250,000				
3.Digester gas utilization equipment	700,000	700,000			
Annual Totals	$978,900	$728,900	$28,900	$28,900	$28,900
GRAND TOTALS	$3,882,900	$3,857,250	$4,102,760	$3,595,900	$3,769,450

GENERAL CORPORATE FUND
REVENUES

Summary

General corporate fund revenues are detailed on the last page of Exhibit 1. Actual revenues for the last five years and budgeted revenues for the next five years are presented in this exhibit. Revenues are adequate to fund the expenditure levels recommended in this plan. The fund balance is held near 25% of annual expenses, with revenues projected to outpace expenditures enough to sustain the fund balance near the target of 25% of annual expenses.

Analysis by Revenue Type

The District's annual residential charge for wastewater collection and treatment includes user charges, the monthly service charge and the real estate tax levy for sewer rehabilitation, as detailed in Exhibit 3.

User Receipts

This plan reflects no change in the user rate of $1.65 per 1000 gallons of metered water consumption. This rate was last increased in April 2008. User rate increases are not anticipated for the duration of the plan. User receipts during FY 15-16 are projected at $3,279,879 based upon a rate of $1.65 per 1000 gallons, a billable flow of 5.493 MGD and late charges and delinquent account fees of 1.25%. This estimate of billable flow compares with recent experience as indicated below:

Fiscal Year	Net Billable Flow (MGD)	Amount of Summer Usage Adjustments
1993-94	6.109	40,184
1994-95	6.509	96,946
1995-96	6.577	143,958
1996-97	6.587	86,414
1997-98	6.397	85,990
1998-99	6.535	103,061
1999-00	6.666	129,980
2000-01	6.606	86,980
2001-02	6.561	106,306
2002-03	6.661	135,641
2003-04	6.601	83,400
2004-05	6.333	96,616
2005-06	6.645	296,891
2006-07	6.236	125,215
2007-08	6.223	183,910
2008-09	5.893	112,621
2009-10	5.913	110,369
2010-11	5.753	112,363
2011-12	5.633	107,538
2012-13	5.768	251,934
2013-14	5.537	109,116
2014-15	5.444	60,919
2015-16	5.493*	70,619

*projected for final 3 months

FY 2012-13 was very dry compared to recent years, temporarily reversing the recent downward trend of billable flow. FY 2016-17 projections of user receipts are based on a billable flow of 5.383 MGD, which represents a 2.0% anticipated reduction in billable flow under FY 2015-16 levels. Water supply utilities' efforts at reducing water consumption are expected to continue to result in future reductions in billable flow. This plan reflects a 2.0% per year reduction in billable flow based on target reductions established by water supply utilities as corroborated by the recent historic trend.

Surcharges

Surcharges for discharges in excess of normal domestic waste strengths (200 mg/l BOD and 250 mg/l SS) are projected to remain higher than historic levels due to increases in surcharge customers' pollutant concentrations in recent sampling.

Monthly Service Fees

The plan reflects an increase in the monthly fee from $12.00 per month ($144.00 per year) for FY 15-16 to $13.50 per month ($162 per year) for FY 16-17, with $1.50 increases in each of the following four fiscal years ($15.00 per month in FY 17-18, $16.50 per month in FY 18-19, $18.00 per month in FY 19-20, and $19.50 per month in FY 20-21.) The monthly fee was last increased in April, 2015. The number of customers is not expected to change over the 5 year period.

Plan Review Fees

Plan review fees are assessed based upon the estimated construction cost of proposed sanitary sewer extensions. These fees are expected to increase over the next 5 years.

Construction Inspection Fees

Construction inspection fees represent the cost of inspections by District personnel of sanitary sewer extensions. These fees are not expected to change over the next five years.

Permit Inspection Fees

The cost of inspections by District personnel of service connections and new building construction is recovered from permit inspection fees. The number of inspections is increasing to pre-recession levels, but is expected to taper off in the future after pent-up demand for building construction is satisfied.

Interest

Interest is estimated based on the average fund balance each year and an interest rate ranging from 0.5% to 2%.

Sampling and Monitoring Charges

Sampling and monitoring charges are assessed to all users subject to surcharge or pretreatment to recover the costs to sample and analyze wastewater from these users and are projected to increase as the cost to provide these services increases.

Real Estate Taxes

The real estate tax levy is included in the general corporate fund and is utilized for operation, maintenance and repair of sewerage facilities. It is proposed that these levies be increased by 5% each year. The actual amount of future levies will be determined in accordance with the tax cap limitation, reflected in budgeted increases of 2% each year over the 5 year planning period.

Television Inspection Fees

Television inspection fees are assessed to developers for the costs of televising new sewers prior to the expiration of the one-year warranty period.

Replacement Taxes

Personal property replacement taxes received from the state, estimated at $79,800 per year for FY 16-17 and projected to increase by 3.5% the following year, will be used to fund sewer system repairs.

Lease Payments

During FY 96-97, the District signed a lease with the Village of Downers Grove for District property located on Walnut Avenue, adjacent to the Village's public works facility. The lease agreement provides for lease payments by the Village to the District.

Miscellaneous

Miscellaneous revenues include revenues from levying and collecting special assessments, fees to administer recapture agreements, and costs received for other District services. These revenues are estimated at $4,000 each year.

Grease Waste

Hauled restaurant grease trap waste continues to be accepted for treatment at the WWTC. Haulers are charged a fee to discharge this waste. The capacity of grease receiving and treatment facilities was increased during FY 13-14. Further increases are possible with the addition of regular weekend deliveries. Utilization in FY17-18 and beyond is representative of full capacity with regular weekend deliveries.

ARRA Disbursement

Final disbursements under ARRA were received in FY 11-12.

GENERAL CORPORATE FUND
FUND BALANCE

Summary

The projected fund balance of the consolidated general corporate and replacement fund as of 4/30/17 is $2,067,387. This fund balance rises steadily above this level in future years to meet staff's recommendation that the fund balance be maintained at 25% of total annual expenditures. Projected fund balance levels are presented on the last page of Exhibit 1.

DOWNERS GROVE SANITARY DISTRICT
ANNUAL RESIDENTIAL CHARGES FOR WASTEWATER COLLECTION AND TREATMENT SERVICES

EXHIBIT 3

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budgeted	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
USER CHARGES										
RATE PER 1000 GALS	$1.65	$1.65	$1.65	$1.65	$1.65	$1.65	$1.65	$1.65	$1.65	$1.65
AVERAGE ANNUAL USAGE	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000
ANNUAL USER CHARGES	$158.40	$158.40	$158.40	$158.40	$158.40	$158.40	$158.40	$158.40	$158.40	$158.40
PROPERTY TAXES										
YEAR TAXES PAID	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
MEDIAN ASSESSED VALUE	$106,110	$93,410	$93,520	$83,920	$84,020	$88,787	$93,937	$99,385	$105,150	$111,248
DISTRICT TAX RATE	0.0336	0.0363	0.0405	0.0436	0.0448	0.0444	0.0440	0.0436	0.0432	0.0428
ANNUAL TAXES PAID	$35.65	$33.91	$37.88	$36.59	$37.64	$39.42	$41.33	$43.33	$45.42	$47.61
MONTHLY SERVICE FEE										
MONTHLY SERVICE FEE	$9.00	$9.50	$10.00	$11.00	$12.00	$13.50	$15.00	$16.50	$18.00	$19.50
ANNUAL SERVICE FEE	$108.00	$114.00	$120.00	$132.00	$144.00	$162.00	$180.00	$198.00	$216.00	$234.00
TOTAL ANNUAL COST	$302.05	$306.31	$316.28	$326.99	$340.04	$359.82	$379.73	$399.73	$419.82	$440.01
TOTAL MONTHLY COST	$25.17	$25.53	$26.36	$27.25	$28.34	$29.99	$31.64	$33.31	$34.99	$36.67
ANNUAL PERCENT CHANGE	1.1%	1.4%	3.3%	3.4%	4.0%	5.8%	5.5%	5.3%	5.0%	4.8%
TEN YEAR AVERAGE ANNUAL PERCENT CHANGE	5.6%	4.1%	3.2%	3.4%	3.8%	3.6%	3.4%	3.2%	3.6%	4.0%

DOWNERS GROVE SANITARY DISTRICT
FIVE YEAR FINANCIAL PLAN
CONSTRUCTION FUND
FISCAL YEARS 2016-17 TO 2020-21

EXHIBIT 4

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
REVENUES											
Sewer permit fees	$183,329	$139,182	$102,904	$264,260	$150,000	$400,000	$250,000	$250,000	$250,000	$250,000	$250,000
Interest	$50,852	$35,481	$6,890	$31,449	$4,050	$5,000	$4,500	$2,950	$7,150	$9,450	$23,650
ARRA disbursement	$1,524										
Repayments - equipment replacement											
Belt filter press		$300,000	$310,592	$200,000	$50,000						
Plant switchgear				$98,350				$250,000			
Digester 4 mixing and cleaning						$200,431		$150,000			
State of Illinois Grant		$225,000			$315,000	$174,000	$49,000	$100,000			
ICECF Grant			$250,000		$51,000	$51,000	$25,000				
Total Revenues	$235,705	$699,663	$670,386	$594,060	$570,050	$830,431	$328,500	$752,950	$257,150	$259,450	$273,650
EXPENSES											
IEPA loan repayment	$134,305	$185,771	$28,807	$28,807	$28,900	$28,807	$28,900	$28,900	$28,900	$28,900	$28,900
Property acquisitions											
Belt filter press replacement											
Scum and grease equipment											
Digester gas utilization equpment		$218,976	$2,223,495	$580,350	$200,000	$60,865	$700,000	$700,000			
Digester mixing and gas piping upgrades				$431	$300,000	$350,000	$250,000				
Grease waste delivery ramp				$113	$80,000	$100,000					
Turboblower purchase and install				$113,415	$250,000	$157,720					
American Recovery and Reinvestment Act of 2009 / Water Pollution Control Loan Fund Projects											
Scum and grease equipment	$1,104										
Total Expenses	$135,409	$404,747	$2,252,303	$723,116	$858,900	$697,392	$978,900	$728,900	$28,900	$28,900	$28,900
Excess (Deficiency) of Revenues over Expenses	$100,296	$294,916	($1,581,917)	($129,056)	($288,850)	$133,039	($650,400)	$24,050	$228,250	$230,550	$244,750
Ending Fund Balance	$2,510,385	$2,805,301	$1,223,384	$1,094,328	$805,478	$1,227,367	$576,967	$601,017	$829,267	$1,059,817	$1,304,567

CONSTRUCTION FUND

Summary

The construction fund is intended to provide funds for improvements and expansions to the WWTC. The primary source of revenue to the construction fund, sewer permit fees, is directly related to development activity within the District. As development proceeds, sewer permit fees are generated and accumulated to construct WWTC facilities. As of December 31, 2015, there are 24,275 population equivalents of hydraulic capacity remaining on the WWTC. It is not anticipated that the next incremental expansion in capacity, from 11.0 MGD to 12.0 MGD, will be needed during the next five years. Permit fees have returned to levels seen prior to 2008, and these higher levels are projected to continue over the 5 year plan. The fund is expected to recover revenue from the general fund to repay expenses associated with recent replacement projects that were funded from the construction fund. The plan includes digester improvements and a second-phase biogas utilization project which will help control the cost to operate the facility. The plan for the construction fund envisions the gradual accumulation of funds for future improvements, expansions or property acquisition adjacent to the WWTC if such property becomes available for purchase.

Revenues

1. Sewer permit fees – These fees are projected to remain at $250,000 per year going forward. Development activity is not expected to decline during the 5 year period.

2. Interest – Interest is estimated based on the average fund balance each year and an interest rate ranging from 0.5% to 2%.

3. Equipment Replacement Repayments – As funds become available in the general fund, repayments will be made to reimburse the construction fund for major replacement projects, including the belt filter press replacement, the plant switchgear replacement, and digester mixing equipment replacement and cleaning.

4. Grant Funds for Plant Upgrades - $74,000 in grant funding is anticipated in FY 16-17 to help cover the cost of the biogas utilization project.

Expenses

1. IEPA loan repayment – Repayments to IEPA associated with ARRA-funded treatment plant projects being repaid from this fund are expected to be $28,900 per year until the loan principal is fully repaid in 2031.

2. Digester Gas Utilization Plant Upgrades – The plan anticipates digester mixing and piping improvements needed to improve gas production quality and quantity. The plan also anticipates the construction of the second phase of the gas utilization CHP facility, which will further reduce future electricity costs at the facility.

Fund Balance

The balance in the construction fund is projected to be $1,304,567 by April 30, 2021, as depicted in Exhibit 4. This balance will be reserved for future improvements and expansions to the WWTC.

DOWNERS GROVE SANITARY DISTRICT
FIVE YEAR FINANCIAL PLAN
IMPROVEMENT FUND
FISCAL YEARS 2016-17 TO 2020-21

EXHIBIT 5

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
REVENUES											
Trunk and lateral sewer service charges	$35,695	$35,686	$7,741	$152,625	$30,000	$255,000	$90,000	$90,000	$90,000	$90,000	$90,000
Interest	8,742	8,153	4,090	8,758	5,650	6,500	7,250	7,250	12,300	11,650	26,450
Repayments											
Special assessment vouchers	33,736							200,000	200,000	200,000	200,000
Sewer replacements	200,000								317,400	300,000	
ARRA Disbursement	451,855										
Total Revenues	$730,028	$43,839	$11,831	$161,383	$35,650	$261,500	$97,250	$297,250	$619,700	$601,650	$316,450
EXPENSES											
Unsewered areas											
Sewer system equipment											
Sewer rehabilitation											
Planning	$2,791	$5,535		$6,410	$7,500	$6,500	$7,500	$7,500	$7,500	$7,500	$7,500
Special assessments								200,000	200,000	200,000	200,000
Lift station improvements											
Liberty Park upgrades									750,000		
American Recovery and Reinvestment Act of 2009 / Water Pollution Control Loan Fund Projects											
Venard Lift Station Upgrade	134,313										
Lift Station Generators	202,645										
NW Pump Upgrade Final Pum	30										
Ogden SA 58/Deepening	33,509										
IEPA Loan Repayment	74,846	74,846	93,191	93,191	93,200	93,191	93,200	93,200	93,200	93,200	93,200
Total Expenses	$448,134	$80,381	$93,191	$99,601	$100,700	$99,691	$100,700	$300,700	$1,050,700	$300,700	$300,700
Excess (Deficiency) of Revenues over Expenses	$281,894	($36,542)	($81,360)	$61,782	($65,050)	$161,809	($3,450)	($3,450)	($431,000)	$300,950	$15,750
Ending Fund Balance	$1,345,523	$1,308,981	$1,227,621	$1,289,403	$1,224,353	$1,451,212	$1,447,762	$1,444,312	$1,013,312	$1,314,262	$1,330,012

IMPROVEMENT FUND

Summary

The improvement fund is intended to be utilized for sewer system and pump station expansions and improvements. The primary source of revenue to the improvement fund, trunk and lateral sewer service charges, is directly related to development activity within the District. This source of revenue for this fund has risen to historic levels, and is expected to remain there over the five year period. As development proceeds, charges are generated and accumulated to construct additional system capacity and improvements, as needed. The unsewered area plan does not currently identify any specific capacity needs to serve remaining unsewered areas in the facility planning area. I/I removal generally provides the most cost-effective way of creating system capacity where needed. The plan anticipates the eventual upgrade of the Liberty Park Lift Station, which has some chronic design and capacity issues. Repayments from the general fund used for sewer replacements will continue, to reimburse the cost of recent projects funded from the improvement fund. The plan for the improvement fund envisions the gradual accumulation of funds for future improvements or expansions.

Revenues

1. Trunk and lateral sewer service charges – These charges are projected at $90,000 annually for the five year period.

2. Interest – Interest is estimated based on the average fund balance each year and an interest rate of 0.5% - 2%.

3. Annual repayments from special assessments – These amounts represent reimbursements from special assessment projects for costs advanced by the improvement fund.

4. Sewer replacement – The funds used for the replacement of the sewer along Butterfield Road near Downers Drive and one of the alley sewers in area 1-M-12A will be reimbursed from the general corporate fund as funds become available in FY 18-19 and FY 19-20.

Expenses

1. Planning for unsewered areas – The plan depicting the locations of proposed sanitary sewers in currently unsewered areas within the District facility planning area was prepared in FY 06-07 and is updated annually.

2. Special assessments in unsewered areas – The improvement fund advances funds to approved special assessment projects and is then reimbursed by the issuance of vouchers for each special assessment project. Exhibit 5 anticipates limited potential future Special Assessment project activity starting in FY 17-18.

3. IEPA Loan Repayment – Repayments to IEPA associated with ARRA-funded collection system projects being repaid from this fund are expected to be $93,200 per year until the loan principal is fully repaid in 2031.

4. Liberty Park Lift Station Improvements – Upgrades to the Liberty Park Lift Station are identified for FY 18-19.

Fund Balance

The balance in the improvement fund is projected to be $1,330,012 on April 30, 2021. Future expenses for sewer extensions into unsewered areas will be determined based upon the maintenance of an adequate balance in this fund.

DOWNERS GROVE SANITARY DISTRICT
FIVE YEAR FINANCIAL PLAN
PUBLIC BENEFIT FUND
FISCAL YEARS 2016-17 TO 2020-21

EXHIBIT 6

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected Actual	FY 16-17 Budget	FY 17-18 Projected	FY 18-19 Projected	FY 19-20 Projected	FY 20-21 Projected
REVENUES											
Interest	$47	$72	$15	$2	$115	$50	$200	$200	$350	$350	$700
Total Revenues	$47	$72	$15	$2	$115	$50	$200	$200	$350	$350	$700
EXPENSES											
Sewer deepening	$0	$0	$45,403	$0	$0	$0	$0	$0	$0	$0	$0
Total Expenses	$0	$0	$45,403	$0	$0	$0	$0	$0	$0	$0	$0
Excess (Deficiency) of Revenues over Expenses	$47	$72	($45,388)	$2	$115	$50	$200	$200	$350	$350	$700
Ending Fund Balance	$80,566	$80,638	$35,250	$35,252	$35,367	$35,302	$35,502	$35,702	$36,052	$36,052	$36,752

PUBLIC BENEFIT FUND

Summary

The public benefit fund may only be used to pay for the portion of sewer extensions or sewer special assessments which the Board of Trustees deems to be of benefit to an area larger than the immediate service area. The projected balance in this fund as of April 30, 2016 is $35,302.

Revenues

Interest is estimated at 0.5% - 2% on the average fund balance.

Expenses

There are no planned expenses over the duration of the five year plan.

Fund Balance

The remaining fund balance at the end of FY 20-21, projected to be $36,752, will be available to fund improvements with public benefit.

When this fund is depleted, the tax cap limitation would prevent the District from adopting a tax levy for public benefit without decreasing the general corporate levy for sewer system repairs by an identical amount. As funding of any future public benefit expenditures may be made from the improvement or general corporate funds, it would not be necessary to continue the public benefit fund.

PROJECTS NOT INCLUDED IN PLAN

There are several major projects which have not been included in this financial plan. As these projects may be incorporated into the plan in a future update, it is useful to list them for reference.

I. WWTC

A. Improvements/Enhancements

1. Capacity expansion from 11.0 MGD to 12.0 MGD and from 12.0 MGD to 15.0 MGD as needed.
2. Additional sludge drying beds.
3. Increase paved area for sludge treatment and storage.
4. Additional covered storage area for biosolids.
5. Improved thickening of waste activated sludge.
6. Phosphorous and nitrogen removal processes.
7. Improved odor control facilities.
8. Secondary clarifier feed flow splitter.
9. Aeration tank feed flow splitter.

B. Replacements

1. Influent bar screens.
2. Raw sewage pumps nos. 1 – 5.
3. Excess clarifier sludge scraping equipment.

C. Investigate/evaluate

1. Alternate sludge processes.
2. Alternate sludge disposal methods.

II. SEWER SYSTEM

A. Permanent flow metering network.
B. Purchase of sewer grouting equipment.

III. PUMP STATIONS

A. Install odor control equipment at the Butterfield, Centex, College, Liberty Park, Northwest, Venard and Wroble pump stations.
B. Major upgrades to Butterfield and Centex Lift Stations
C. Second NWLS forcemain crossing under I-355.

IV. ADMINISTRATION

A. Relocate office to WWTC site.

DOWNERS GROVE SANITARY DISTRICT
APPROPRIATION ORDINANCE/BUDGET
AVAILABLE FOR PUBLIC REVIEW

The Appropriation Ordinance/Budget of the Downers Grove Sanitary District for the fiscal year May 1, 2016 to April 30, 2017 will be considered for adoption at a regular meeting of the Board of Trustees on March 22, 2016 at 7:00 p.m. at the District office. A copy of the proposed Appropriation Ordinance/Budget will be available for public inspection at the District office beginning February 17, 2016. The District office is located at 2710 Curtiss Street, Downers Grove. Office hours are 8:00 a.m. to 4:30 p.m., Monday through Friday. All Board of Trustees meetings are open to the public.

DOWNERS GROVE SANITARY DISTRICT
BUDGET CALENDAR
FOR PREPARATION OF FISCAL YEAR 2016-17 BUDGET

TASK	COMPLETION DATE	PERSON RESPONSIBLE
1) Prepare and distribute budget calendar.	DONE	WCC
2) Distribute last year's performance evaluation forms.	DONE	WCC
3) Submit revisions (if any) to employee evaluation forms.	DONE	SUPERVISORS
4) Submit completed preliminary budget requests.	DONE	SUPERVISORS
5) Distribute new employee evaluation forms.	DONE	WCC
6) Completion of DGSD survey re wages and benefits.	DONE	WCC
7) Submit completed employee evaluations.	DONE	SUPERVISORS
8) Prepare proposed salary schedule for submittal to Board (for increases effective March 27, 2016 and April 1, 2016).	DONE	NJM
9) Review salary schedule.	DONE	BOARD
10) Add preliminary third quarter and projected fourth quarter to budget request forms.	DONE	NJM
11) Review updated budget requests based on third quarter results.	DONE	SUPERVISORS/NJM
12) Complete proposed five year financial plan and appropriation ordinance for submittal to Board.	DONE	NJM
13) Initial review of budget documents and authorize publication of availability of appropriation ordinance for public review.	02/16/16	BOARD & STAFF
14) Publish notice that appropriation ordinance is available for public review.	02/17/16	WCC
15) Prepare ordinance revisions concerning fees and charges and submit to Board.	03/18/16	NJM
16) Second review of budget documents at regular meeting.	03/22/16	BOARD & STAFF
17) Approve five year financial plan and adopt appropriation ordinance and ordinance revisions concerning fees and charges.	03/22/16	BOARD
18) Publish appropriation ordinance and user rate ordinance (if applicable).	03/30/16	WCC
19) File appropriation ordinance and budget with County Clerk and County Chairman's Office no later than:	04/15/16	WCC
20) Prepare levy ordinance and submit to Board.	06/17/16	NJM
21) Adopt levy ordinance.	06/21/16	BOARD
22) File levy ordinance with County Clerk and County Chairman's Office.	06/29/16	WCC

APPROPRIATION ORDINANCE

AN ORDINANCE MAKING APPROPRIATIONS FOR THE CORPORATE PURPOSES OF THE DOWNERS GROVE SANITARY DISTRICT FOR THE FISCAL YEAR COMMENCING ON THE FIRST DAY OF MAY, A.D. 2016 AND ENDING APRIL THIRTIETH, A.D. 2017.

BE IT ORDAINED by the Downers Grove Sanitary District, a body politic and corporate of the County of DuPage and State of Illinois:

SECTION 1. That the sums hereinafter set forth, or as much thereof as may be authorized by law, be and the same are hereby appropriated for the corporate purposes of the Downers Grove Sanitary District as hereinafter specified, for the fiscal year commencing on the First Day of May, A.D. 2016 and ending on the Thirtieth Day of April, A.D. 2017.

I.	ADMINISTRATION	
	A. Salary and Wages	$ 950,000
	B. Office Oper & Maint Expenses	510,000
	C. Vehicles Oper, Maint & Purchase	10,000
		$1,470,000
II.	PLANT	
	A. Salary and Wages	$ 1,300,000
	B. Operation & Maintenance Expenses	1,770,000
	C. Vehicles Oper, Maint & Purchase	60,000
		$3,130,000
III.	LABORATORY SERVICES	
	A. Salary and Wages	$ 240,000
	B. Operation & Maintenance Expenses	170,000
	C. Vehicles Oper, Maint & Purchase	20,000
		$ 430,000
IV.	SYSTEM	
	A. Salary and Wages	$ 540,000
	B. Operation & Maintenance Expenses	2,460,000
	C. Vehicles Oper, Maint & Purchase	40,000
		$3,040,000
V.	LIFT STATIONS	
	A. Salary and Wages	$ 80,000
	B. Operation & Maintenance Expenses	370,000
		$ 450,000
VI.	INSURANCE AND EMPLOYEE BENEFITS	$1,300,000
TOTAL OPERATION AND MAINTENANCE		$9,820,000

CAPITAL IMPROVEMENTS

VII.	TREATMENT CENTER/LABORATORY	
	A. Renovations to Buildings & Systems	$ 1,200,000
		$ 1,200,000
VIII.	COLLECTION SYSTEM/LIFT STATIONS	
	A. Construction/Upgrading – Sewer system, pump station improvements, unsewered area plan revisions	$ 120,000
		$ 120,000
TOTAL CAPITAL IMPROVEMENTS		$1,320,000
GRAND TOTAL		$11,140,000

SECTION 2. That the sums hereinafter set forth are estimated receipts and expenditures for the Downers Grove Sanitary District for the fiscal year commencing on the First Day of May, A.D. 2016 and ending on the Thirtieth Day of April, A.D. 2017.

CASH FLOW
FISCAL YEAR 2016-2017

SEE ATTACHMENT A, attached hereto and made a part of this Ordinance.

RECAPITULATION

1. Total Amount Appropriated.....$11,140,000
2. Amount of Said Appropriation to be paid from sources other than real estate taxes (tap-in permits, user fees, trunk sewer service fees, Federal and State grants and loans, etc.).....$10,012,750
3. Amount of Said Appropriation to be paid from real estate taxes..... $1,127,250

SECTION 3. That the total sum of Eleven Million One Hundred Forty Thousand Dollars ($11,140,000) is hereby appropriated. It is furthermore provided that all unexpended balances of any item or items of any general appropriation made by this ordinance may be expended in making up any insufficiency in any item or items for the same general purpose or in a like appropriation made by this ordinance.

SECTION 4. This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.

Passed this 22nd day of March, A.D. 2016

Recording Vote:

Ayes:_____

_____

_____

Nays:_____

Approved this 22nd day of March, A.D. 2016

BY:_____
President, Board of Trustees of Downers Grove
Sanitary District, DuPage County, Illinois

ATTEST:

_____
Clerk

Recorded this 22nd day of March, A.D. 2016

ATTACHMENT A

CASH FLOW
FISCAL YEAR 2016-2017

	General Corporate	Improvement	Construction	Public Benefit
Projected Cash Balance on 5/1/16	$2,156,937	$1,451,212	$1,227,367	$ 35,302
Receipts:				
Const and Televising Insp Fees	650			
User Fees	6,099,200			
Interest	9,650	7,250	4,500	200
Plan Review Fees	1,000			
Surcharges	310,000			
Permit Insp Fees	20,000			
Sampling Charges	65,000			
Tap-in Fees			250,000	
Trunk and Lateral Sewer Charges		90,000		
Replacement Taxes	79,800			
Real Estate Taxes	1,127,250			
Grease Waste	140,000			
Miscellaneous	37,500		74,000	
Total Receipts	8,253,450	97,250	328,500	200
Subtotal	$10,410,387	$1,548,462	$ 1,555,867	35,502
Disbursements:				
O & M Budget	9,820,000			
Capital Improvements Budget		120,000	1,200,000	0
Total Disbursements	9,820,000	120,000	1,200,000	0
Projected Cash Balance on 4/30/15	$ 590,387	$ 1,428,462	$ 355,867	$ 35,502

STATEMENT OF ESTIMATED REVENUES

I, William Clay Campbell, Treasurer of the Downers Grove Sanitary District, do hereby state that the above document entitled "Cash Flow, Fiscal Year 2016-2017" indicates an estimate of revenues by source anticipated to be received in Fiscal Year 2016-2017.

DOWNERS GROVE SANITARY DISTRICT

BY: _____
Treasurer

DOWNERS GROVE SANITARY DISTRICT
M E M O

TO: Nicholas J. Menninga
General Manager

FROM: W. Clay Campbell
Administrative Services Director

DATE: February 12, 2016

RE: Executive Session Minutes

State statutes require that public bodies meet, at least semi-annually, to review minutes of all closed sessions. At such meeting, a determination is made and reported in open session that:

1. the need for confidentiality still exists as to all or part of the minutes, or

2. the minutes, or portions thereof, no longer require confidential treatment and are available for public inspection.

The executive session minutes were last reviewed in August 18, 2015. There are currently no executive session minutes to review for confidentiality.

In addition to the written record of closed sessions, beginning January 1, 2004, all closed sessions must be recorded. The statute allows for the verbatim record to be destroyed, without notification to or the approval of a records commission or the State Archivist under the Local Records Act, no less than 18 months after the completion of the recorded meeting, but only after:

1) The public body approves the destruction of a particular recording, and
2) The public body approves minutes of the closed meeting.

The written record for the executive session meetings held on March 25, 2014 and August 19, 2014 were previously approved by the Board and made available for public inspection (copy of written record attached).

Therefore, in addition to recommendation A above, I am also recommending that:

A. The verbatim record of the executive sessions held on March 25, 2014 and August 19, 2014 be destroyed.

cc: WDVB, ASK, DFP, KJR, RTJ, MJS, MGP

Attachments

March 25, 2014

EXECUTIVE SESSION MINUTES

A motion by Trustee Kovacevic seconded by Trustee Peters was made to recess the regular meeting and convene an executive session at 8:23 p.m. under exception 2(c)1 of the Open Meetings Act to discuss the compensation and performance of specific employees of the District. The motion carried. (Votes recorded: Ayes–Van Buren, Kovacevic and Peters.)

Present were President Van Buren and Trustees Kovacevic and Peters.

The Board reviewed the compensation and performance of General Manager Menninga.

A motion by Trustee Kovacevic seconded by Trustee Peters was made to adjourn the executive session at 8:54 p.m. The motion carried. (Votes recorded: Ayes–Van Buren, Kovacevic and Peters.)

Approved: April 15, 2014

President

Attest: _____
Clerk

August 19, 2014

EXECUTIVE SESSION MINUTES

A motion by Trustee Kovacevic seconded by Trustee Peters was made to recess the regular meeting on Tuesday, August 19, 2014 and convene an executive session at 7:01 p.m. under exception 2(c)3 of the Open Meetings Act to discuss the selection of a person to fill a public office. The motion carried. (Votes recorded: Ayes–Van Buren, Kovacevic and Peters.) The meeting was held at the District Administration Center, 2710 Curtiss Street, Downers Grove. Present were President Van Buren, Trustees Kovacevic and Peters, and Mark Scacco of Downers Grove.

President Van Buren and Trustees Kovacevic and Peters interviewed Mark Scacco as a candidate for the open position on the District Board of Local Improvements.

A motion by Trustee Kovacevic seconded by Trustee Peters was made to adjourn the executive session at 7:10 p.m. The motion carried. (Votes recorded: Ayes-Van Buren, Kovacevic and Peters.)

Approved: September 16, 2014.

Wallace D. Van Buren
President

Attest: _____
Clerk

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Board of Trustees

FROM: Ted Cherwak
Sewer Construction Supervisor

DATE: February 5, 2016

RE: Annexation Ordinance No. AO 2016-02
4330 Lacey Road, Downers Grove

This annexation involves one lot with an existing commercial building located at 4330 Lacey Road. Service will be provided by connection to the existing sewer located on Lacey Road 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 as the R-O-W was previously annexed in 1992. All tap fees and trunk sewer service charges have been paid as required by ordinance and a recapture fee collected per agreement.

Attachments

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

ANNEXATION ORDINANCE NO. A0 2016-02

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:

> THAT PART OF SECTION 6, TOWNSHIP 38 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED BY COMMENCING AT A POINT ON THE WEST LINE OF SECTION 6, 1271.00 FEET SOUTH OF THE NORTHWEST CORNER THEREOF; THENCE SOUTH 84 DEGREES, EAST 346.50 FEET; THENCE SOUTH 7 DEGREES, EAST 1708.90 FEET TO THE CENTER OF OGDEN AVENUE; THENCE EASTERLY ALONG THE CENTER OF SAID OGDEN AVENUE, 1351.68 FEET TO THE CENTER OF LACEY ROAD; THENCE NORTH 1 DEGREE WEST, 164.45 FEET FOR A PLACE OF BEGINNING; THENCE CONTINUING NORTH 1 DEGREE WEST ON THE CENTER LINE OF LACEY ROAD 93.55 FEET; THENCE WESTERLY, PARALLEL WITH THE CENTER OF OGDEN AVENUE 143.00 FEET; THENCE SOUTH 1 DEGREE EAST 88.05 FEET; THENCE EAST 142.89 FEET, MORE OR LESS, TO THE PLACE OF BEGINNING, IN DUPAGE COUNTY, ILLINOIS.
>
> P.I.N.: 09-06-300-007

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 16th day of February 2016.

_____
President

ATTEST: _____
Clerk

4330 Lacey Road
AO 2016-02

Downers Grove Sanitary District

Legend

- AO 2016-02 - 4330 Lacey Rd
- Sanitary Manholes
- Sanitary Sewer
- DGSD Boundary

N
W E
S

0 45 90 180 Feet

206 S. HARVARD AV.
VILLA PARK, ILL.

HARRY A. EKDAHL

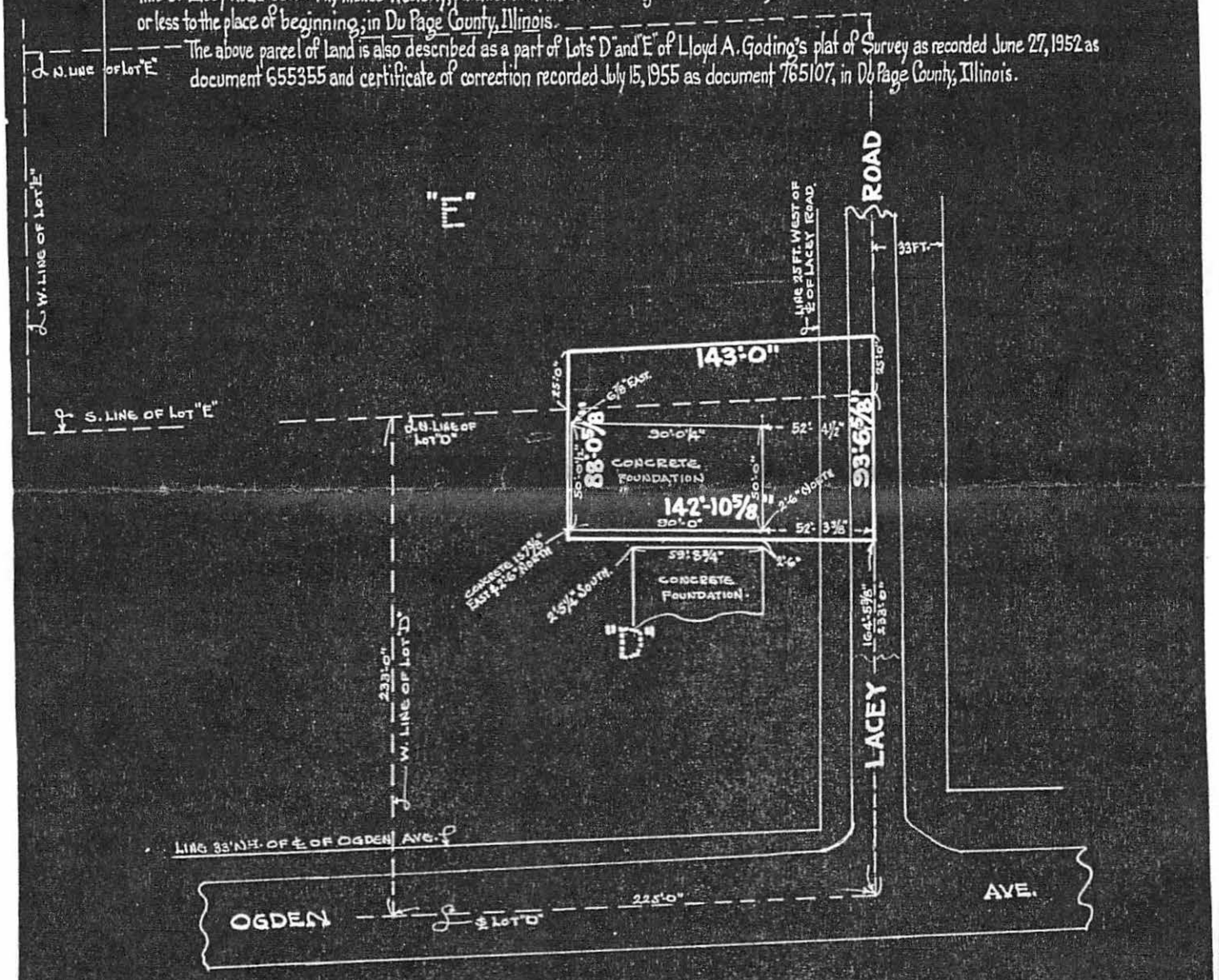
ENGINEERING - SURVEYING

Tel. TErrace 4-6197

PLAT OF SURVEY OF

That part of Section 6, Township 38 North, Range 11, East of the Third Principal Meridian described by: Commencing at a point on the West line of Section 6, 1271.0 ft. South of the Northwest corner thereof; thence South 84° East 346.50 ft.; thence South 7° East 1708.90 ft. to the Center of Ogden Ave.; thence Easterly along the Center of said Ogden Ave. 1351.68 ft. to the Center of Lacey Rd.; thence North 1° West 164.45 ft. for a place of Beginning; thence continuing North 1° West on the Center line of Lacey Road 93.55 ft.; thence Westerly, parallel with the Center of Ogden Ave. 143.0 ft.; thence South 1° East 88.05 ft.; thence East 142.89 ft. more or less to the place of beginning; in Du Page County, Illinois.

The above parcel of Land is also described as a part of Lots "D" and "E" of Lloyd A. Goding's plat of Survey as recorded June 27, 1952 as document 655355 and certificate of correction recorded July 15, 1955 as document 765107, in Du Page County, Illinois.



Ordered by Vince Russo

Owner .....

Survey No. 6011-15-"C"

Book D. Grove 2 Page 134

Scale: 1" = 40 FT.

FOR BUILDING RESTRICTIONS AND EASEMENTS REFER TO YOUR ABSTRACT, DEED, GUARANTEE POLICY AND LOCAL ORDINANCES.

State of Illinois }
County of DuPage } ss

I, Harry A. Ekdahl, do hereby certify that I have surveyed the above described property and that the plat hereon drawn is a correct representation of same. All distances given are in feet and inches and correct at 62° Fahrenheit.

VILLA PARK, ILLINOIS. December 2, 1960

Harry A. Ekdahl

REGISTERED ILLINOIS LAND SURVEYOR

COMPARE ALL POINTS BEFORE BUILDING AND AT ONCE REPORT ANY DIFFERENCE

BOARD OF LOCAL IMPROVEMENTS
DOWNERS GROVE SANITARY DISTRICT

PROPOSED AGENDA
February 16, 2016
6:45 p.m.

I. Approve Minutes of November 17, 2015

II. Public Comment

III. P686: 719 Rogers Street, Downers Grove - Proposed Apartment Buildings Totaling 20 Units

BOARD OF LOCAL IMPROVEMENTS
MINUTES
November 17, 2015

A meeting of the Board of Local Improvements of the Downers Grove Sanitary District was held on Tuesday, November 17, 2015. The meeting was held at the District's Administration Center, 2710 Curtiss Street, Downers Grove. Present were Board Members Kenneth J. Rathje, Robert T. Jungwirth and Mark J. Scacco, General Manager Nicholas J. Menninga, Administrative Services Director W. Clay Campbell, Sewer Construction Supervisor Ted Cherwak, Information Coordinator Alyssa Cherwak, Trustees Wallace D. Van Buren, Amy S. Kovacevic and Donald F. Peters and Attorney Michael Philipp. President Rathje called the meeting to order at 6:45 p.m.

Minutes of September 15, 2015 Meeting

A motion was made by Jungwirth seconded by Scacco approving the minutes of the meeting held on September 15, 2015. The motion carried.

Public Comment – None

P685 – 6004 Woodward Avenue, Downers Grove

The Board reviewed a request for sanitary sewer service from Pedro and Maria Huerta, property owners, for a single family lot on a 0.50 gross acre parcel at 6004 Woodward Avenue, Downers Grove (the house is currently on a private septic system). The property is within the District's Facilities Planning Area but is not within the District's current corporate limits. The proposed use will generate an estimated wastewater flow of 350 gallons per day or a density of 7.0 PE per acre. This estimate is based on the standard single family flow rate of 350 gallons per day per house. Service can be provided to this property by further extension of the public sewer main extension approved by the Board of Local Improvements as P681 on June 16, 2015 for Greenscape Homes for their property located at 6006 Woodward Avenue (Greenscape Homes and the subject property owners are in talks to coordinate the construction of this sewer). The proposed sewer layout complies with the Sanitary District's Unsewered Area Plan. The downstream trunk sewers have adequate reserve capacity to serve this request. Staff recommended approval of this request. A motion was made by Scacco seconded by Jungwirth approving this request to a maximum flow of 350 gallons per day, subject to annexation, receipt of an Illinois EPA permit, construction of the necessary sewer extension, payment of all fees per ordinance, compliance with all District ordinances and standard conditions. The motion carried. (Votes recorded: Ayes–Rathje, Jungwirth and Scacco.)

Upon a motion by Scacco seconded by Jungwirth, the meeting was adjourned at 6:53 p.m. The motion carried.

Approved: February 16, 2016

_____
President

Attest: _____
Clerk

BOARD OF LOCAL IMPROVEMENTS
February 16, 2016
STAFF BRIEFING

P686: 715 & 719 Rogers Street, Downers Grove, IL

REQUEST:

Robert W. Gudmundson, developer \ consulting engineer, is requesting sanitary sewer service for a two - 10 unit apartment buildings (with 2 one bedroom units and 18 two bedroom units) on a 1.05 gross acre parcel at the subject location. The property is within the District's Facilities Planning Area (FPA), and is also within the District's current corporate limits. The proposed use will generate an estimated wastewater flow of 5,700 gallons per day or a density of 54.28 PE per acre. This estimate is based on a flow factor of 150 gallons per day for each one bedroom apartment unit and 300 gallons per day for each two bedroom apartment unit. This project is a redevelopment of an existing commercial property. The existing industrial use building on the parcel will be disconnected from the sewer and the building demolished. Previously a single home on the property was demolished and disconnected from the sewer. The BOLI approved a request for this location on December 10, 2013 for a proposed 48 unit apartment building (P672).

SUMMARY:

Service can be provided by connection to the either the existing District sewer main located in either Rogers Street or the easement sewer at the south property line of the parcel (See the attached map). The downstream trunk sewers have adequate reserve capacity to serve this request. Staff recommends approval of this request to a maximum flow of 3.96 gallons per minute 5,700 gallons per day), and subject to receipt of an Illinois EPA permit, payment of all fees per ordinance, and compliance with all District ordinances and standard conditions.

DATE 01/29/16

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

P686

SANITARY SEWER SERVICE REQUEST

Location 719 ROGERS STREET - SOUTHEAST CORNER ROGERS STREET & PROSPECT AVE.

Legal Description Lot N/A Block 8 Subdivision STANLEYS ADDN TO DOWNERS GROVE,
LOCATED IN SECTION 8, T38N, R11E,
RECORDED 04/19/1883 P.I.N. 09-08-206-001
09-08-206-002

Name of Owner on Deed FORTH GROUP, LLC Phone No. 312-379-0400

Developer FORTH GROUP, LLC Phone No. 312-379-0400

Name of Person Making Request ROBERT GUDMUNDSON Phone No. 630-480-7889

Fax No. N/A E mail: RWG@RWG-ENGINEERING.COM

Address (we will be sending information regarding this request; please be sure address is legible)

RWG ENGINEERING, LLC; 975 E. 22nd STREET, SUITE 400, WHEATON, IL 60189

This Applicant's Interest in This Property DEVELOPER'S CONSULTING ENGINEER
(Owner/Developer/Beneficiary Land Trust, etc.)

Number of Acres Involved 0.74 Present Zoning DT Proposed Zoning No Change → DT

Is the Property (A) Improved YES (B) Vacant NO

(A) If Improved, Describe Improvements EXISTING IMPROVEMENT INCL AN OFFICE/INDUSTRIAL BLDG, AND PREVIOUSLY A SINGLE FAMILY HOME FRONTING ROGERS STREET.

Number & Type of Units ALL EXISTING BUILDINGS TO BE DEMOLISHED.

(B) If Vacant or Additional Improvements or Remodeling Are Proposed, Describe SITE TO BE RE-DEVELOPED WITH TWO THREE-STORY APARTMENT BUILDINGS CONTAINING 10 UNITS EACH.

Number & Type of Units 20 APARTMENTS: 2 @ 1 BR, 18 @ 2 BR (*)

Estimated Starting Date of Project SPRING, 2016 CONSTRUCTION

If You Propose to Annex to a Community, Which One ALREADY IN DOWNERS GROVE

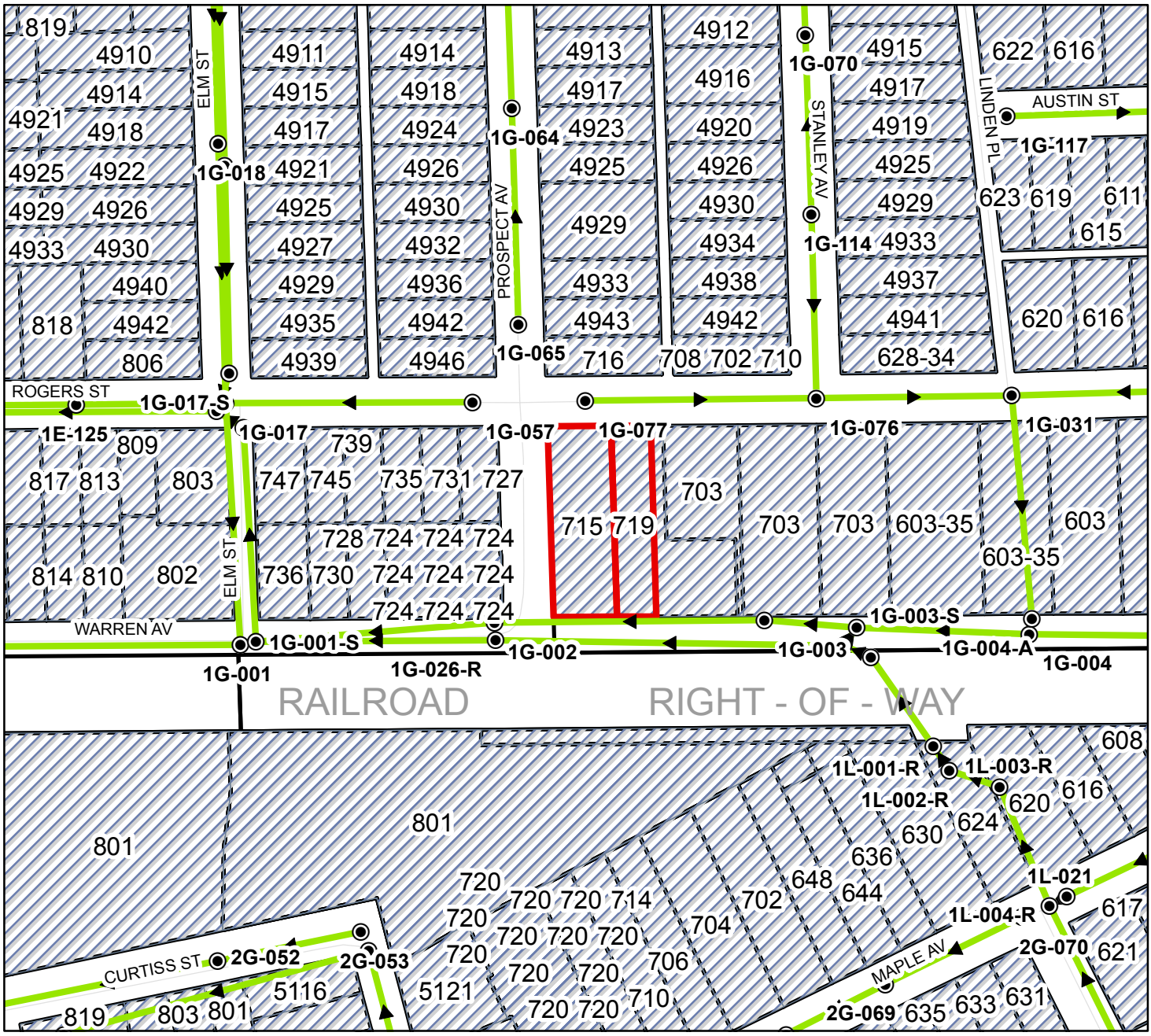
NOTE: If this request is for (*) ESTIMATED P.E. CALCULATED AS FOLLOWS:
2 UNITS @ 1.5 PE/UNIT + 18 UNITS @ 3 PE/UNIT = 57 P.E. TOTAL

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

****SERVICE REQUEST APPROVALS ARE VALID FOR SIX MONTHS****

P686 - 715 & 719 Rogers Street, Downers Grove

Downers Grove Sanitary District



Legend

- Sanitary Manholes
- Sanitary Sewer
- P686
- DGSD Boundary

0 50 100 200 300 400 Feet

N W E S

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Nicholas J. Menninga
General Manager

FROM: W. Clay Campbell
Administrative Services Director

DATE: February 12, 2016

RE: Progress Report – January, 2016

ADMINISTRATIVE

Personnel

We are starting to interview for the part-time secretary position open in the office.

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

I have updated the summary sheet included with my report this month to keep you apprised of any open claims. There have been no new claims.

Safety Committee

The Safety Committee was not able to meet in January, however we are looking to meet in mid-February with a new set of representatives from the various departments. Meanwhile, Safety Coordinators Adam Cioni and Bill Smith have been working on getting the District's hazard labeling and poster signage up to par in anticipation of finalizing our Hazard Communication Program. We have even obtained a quote from Cintas to possibly perform Hazard Communication Training for District staff.

OSHA Log

As required by the Illinois Department of Labor, the OSHA Form 300A for 2015 has been completed and will be posted from February 1 to April 30.

Social Media/Public Outreach Progress

As of February 12, the District's Facebook page has received 770 likes. Alyssa has prepared an Operations Report in this month's packet to review the District's social media efforts

Alyssa has also included a separate memo in the packet summarizing the Biosolids presentation for 7th graders at O'Neill Middle School in District 58 on January 22nd and 25th by Operations Supervisor Marc Majewski, Information Coordinator Alyssa Cherwak and myself in conjunction with District 58 teaching Next Generation Science Standards.

Technology Update

The District's Online Billing Portal was launched on February 25, 2015. All of the District's accounts have several invoices uploaded to the Online Billing Portal which enables those customers to register an account and/or process a one-time pay transaction. We are continuing to identify and implement various improvements to the system for efficiency and accuracy. The following is a brief summary of the portal's utilization in the last month and since the portal's launch through the end of last month:

# of Customers registered in the last month:	90
# of Customers paying their bills online in the last month:	436
Amount of Money processed through the Portal in the last month:	$25,393.51
# of Customers signing up for Autopay through the Portal in the last month:	32
# of Customers enrolled in paperless billing in the last month:	31
# of Customers registered from launch through last month:	1118
# of Customers paying their bills online from launch through last month:	3822
Amount of Money processed through the Portal from launch through last month:	$208,524.54
# of Customers signing up for Autopay through the Portal from launch through last month:	189
# of Customers enrolled in paperless billing from launch through last month:	340

We are planning reporting to the Board in March on how the Portal continues to be used by our customers along with other data comparing how other forms of payment are utilized.

FINANCIAL

Annual Budget and Five-Year Plan

I completed my work on budget preparation for FY16-17 for the Administration department and several other District-wide expenses.

Special Assessment Annual Installment Bills

Annual special assessment installment bills were due January 4, 2016 and we have continued receiving payments throughout the month of January.

District Property and Liability Insurance

We requested and have received renewal quotes from Gary Pakel of Langan, Haeger, Vincent and Born, Inc. for the District's property and liability coverages for consideration on February 16. A separate memo has been provided and this item will be placed on the agenda for the February meeting.

Surveys

I completed the Illinois EPA Annual Fiscal Report Form for NPDES Permittees.

Economic Interest Statements

The list of employees and officers required to file Economic Interest Statements in 2016 was provided to the County Clerk as required by statute. The Statements will be sent directly to each individual's email address in early March. Please note that this filing is now administered through an online process. A copy

of the Receipt that is furnished to the individual from the County must be provided to me for purposes of the annual audit. An email copy will suffice.

1099's

Annual 1099's were distributed to vendors as required by IRS regulations.

Treasurer's Report

The January Treasurer's Report has been provided. The following items should be noted: For Y-T-D, user receipts are under budget by $84,433 and monthly fees are under budget by $46,574. Total revenues are under budget by $75,334. The Actual Y-T-D expenses in Fund 01 are $727,444 under the Budget Y-T-D resulting in a -11.9% variance. For Y-T-D, the total fund balance for Fund 01 increased by $812,455.

Investments

Certificates of Deposit Accounts

Purchases: 12-month CD with Bridgeview Bank Group in the amount of $250,000 at an interest rate of 0.65% on January 15, 2016.

Maturities: None

Money Market Accounts

Opened: None

Closed Bridgeview Bank Group in the amount of $35,260.73 at an interest rate of 0.10% on January 15, 2016. These funds and additional funds were used to open a 12-month CD with Bridgeview Bank Group in the amount of $250,000 at an interest rate of 0.65% on January 15, 2016.

Rate Checks: Stearns Bank NA (term ends 02/12/16). Initial rate of Money Market Account was 0.30% on February 12, 2013. Rate has held steady since that time. A partial withdrawal of $150,000 was made from this account on February 11, 2014, to cover expenses for the Digester Gas Co-Generation Facility. On September 1, 2015, additional funds of $149,512.30 were invested to bring this account back to the maximum balance of $250,000. There are no fees for a partial or total withdrawal from this account.

Lisle Savings Bank (term ends 03/05/16). Initial rate of Money Market Account was 0.40% on September 5, 2013. Rate has held steady since that time. A partial withdrawal of $240,000 was made from this account on March 24, 2014, to cover expenses for the Digester Gas Co-Generation Facility. On September 2, 2015, additional funds of $239,914.84 were invested to bring this account back to the maximum balance of $250,000. There are no fees for a partial or total withdrawal from this account.

PBI Bank (term ends 03/09/16). Initial rate of Money Market Account was 0.50% on September 9, 2013, dropped to 0.45% as of October 30, 2013, dropped to 0.40% as of May 13, 2014, dropped to 0.35% as of April 27, 2015 and dropped to 0.32% as of October 25, 2015. Rate has held steady since that time. There are no fees for a total withdrawal from this account.

BankFinancial (term ends 03/13/16). $249,900 is in a Money Market Account and $100 is in a Business Checking Account. Initial rate of Money Market Account was 0.40% on March 13, 2013, dropped to 0.35% as of May 9, 2013 and dropped to 0.34% as of May 18, 2015. Rate has held steady since that time. There are no fees for a total withdrawal from this account.

CIT Bank, f/k/a OneWest Bank (term ends 03/23/16). Initial rate of Money Market Account was 0.349% on September 23, 2013, dropped to 0.30% as of November 12, 2013 and increased to 0.45% as of September 1, 2015. This rate is locked in for 12 months. A partial withdrawal of $225,000 was made from this account on February 11, 2014, to cover expenses for the Digester Gas Co-Generation Facility. On September 1, 2015, additional funds of $224,893.34 were invested to bring this account back to the maximum balance of $250,000. There are no fees for a partial or total withdrawal from this account.

Luana Savings Bank (term ends 03/30/16). Initial rate of Money Market Account was 0.75% on March 30, 2012, dropped to 0.70% as of June 6, 2012, dropped to 0.65% as of August 1, 2013, dropped to 0.60% as of August 29, 2013, dropped to 0.55% as of October 10, 2013, increased to 0.65% as of September 3, 2014 and increased to 1.00% as of July 14, 2015. Rate has held steady since that time. There are no fees for a total withdrawal from this account.

Nationwide Bank (term ended 05/08/16). Initial rate of Money Market Account was 0.40% on May 8, 2012, dropped to 0.35% as of June 7, 2012 and dropped to 0.30% as of December 17, 2012. Rate has held steady since that time. A partial withdrawal of $159,208.03 was made from this account on February 11, 2014, to cover expenses for the Digester Gas Co-Generation Facility. On October 8, 2015, additional funds of $158,675.40 were invested to bring this account back to the maximum balance of $250,000. There are no fees for a partial or total withdrawal from this account.

West Suburban Bank (term ended 05/20/16). Initial rate of Money Market Account was 0.45% on November 20, 2012. Rate has held steady since that time. There are no fees for a total withdrawal from this account.

Park Federal Savings Bank (term ended 06/04/16). Initial rate of Money Market Account was 0.40% on December 4, 2012 and dropped to 0.25% as of May 31, 2014. Rate has held steady since that time. There are no fees for a total withdrawal from this account.

TriState Capital Bank (term ended 06/20/16). Initial rate of Money Market Account was 0.55% on June 20, 2012, dropped to 0.45% as of November 15, 2012, dropped to 0.35% as of February 1, 2013, dropped to 0.30% as of June 7, 2013 and dropped to 0.25% as of August 1, 2014. Rate has held steady since that time. There are no fees for a total withdrawal from this account.

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, DFP, KJR, RTJ, MJS, TTC, RPS, MRM, JPB, DRB, MGP

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

02/12/16

STREET ADDRESS	CITY	NAME	DATE OF BACKUP	DATE CLAIM RECEIVED	AMOUNT OF CLAIM	ADJUSTER RECOMMENDATION	AMOUNT PAID	DATE PAID	ADJUSTER FEE	STATUS
2020 PRAIRIE AVENUE	DOWNERS GROVE	CREWSE	8/26/2012	2/11/2013	96.00	DOCUMENTATION RECEIVED - $96.00	96.00	2/13/2013	0.00	CLOSED
1925 PRAIRIE AVENUE	DOWNERS GROVE	BOTTGER	8/26/2012	10/22/2012	200.00	DOCUMENTATION RECEIVED - $200.00	200.00	2/11/2013	0.00	CLOSED
1602 OGDEN AVENUE	DOWNERS GROVE	LEHOCKY (TENANT)	11/1/2012	TIME LIMIT FOR CLAIM EXPIRED.					0.00	CLOSED
1614 OGDEN AVENUE	DOWNERS GROVE	REALTY GRP (OWNER)	11/1/2012	TIME LIMIT FOR CLAIM EXPIRED.					0.00	CLOSED
943 59TH STREET	DOWNERS GROVE	STEINBERG (TENANT)	12/20/2012	TIME LIMIT FOR CLAIM E		NO ADJUSTER - LIMITED DAMAGE			67.50	CLOSED
943 59TH STREET	DOWNERS GROVE	CHEN (OWNER)	12/20/2012	TIME LIMIT FOR CLAIM E		NO ADJUSTER - LIMITED DAMAGE			67.50	CLOSED
5914 WEBSTER STREET	DOWNERS GROVE	HOFMANN	12/20/2012	1/3/2013	1,200.00	PAYMENT SUGGESTED - 1,200.00	1,200.00	1/15/2013	436.80	CLOSED
2230 MAPLE AVENUE	DOWNERS GROVE	MEGMIL INC (ANGELO'S)	1/19/2013	TIME LIMIT FOR CLAIM EXPIRED.					0.00	CLOSED
5509 HILLCREST ROAD	DOWNERS GROVE	KRAMER	1/25/2013	TIME LIMIT FOR CLAIM EXPIRED.					0.00	CLOSED
5300 WILLIAMS STREET	DOWNERS GROVE	GRIMSTAD	3/23/2013	6/5/2013	250.00	NO ADJUSTER - JUST CLEANUP COSTS	250.00	6/11/2013	0.00	CLOSED
3725 DOWNERS DRIVE	DOWNERS GROVE	CORTESIO	1/15/2014	1/16/2014	415.00	NO ADJUSTER - RODDING BILL ONLY	415.00	2/12/2014	0.00	CLOSED
1114 63RD STREET	DOWNERS GROVE	NELSON	2/14/2014	5/19/2014	454.00	NO ADJUSTER - PLUMBER COSTS ONLY	454.00	5/29/2014	0.00	CLOSED
1122 63RD STREET	DOWNERS GROVE	LAMB	2/14/2014	2/24/2014	537.75	NO ADJUSTER - PLUMBER COSTS ONLY	537.75	2/25/2014	0.00	CLOSED
766 72ND STREET	DOWNERS GROVE	FLOOD	3/7/2014	4/16/2014	375.00	NO ADJUSTER - PLUMBER COSTS ONLY	375.00	4/29/2014	0.00	CLOSED
33 S. PARK STREET	WESTMONT	EUBANKS	4/3/2014			NO ADJUSTER - CLEANUP COSTS ONLY				CLOSED
101 S. PARK STREET	WESTMONT	YOON	4/3/2014			NO ADJUSTER - CLEANUP COSTS ONLY				CLOSED
750 61st STREET	DOWNERS GROVE	GALWAY	5/21/2014	5/27/2014	1200.00	PAYMENT SUGGESTED - 1,200.00	1200.00	6/3/2014	415.05	CLOSED
5148 GRAND	DOWNERS GROVE	GRAF	5/29/2014	6/12/2014	400.00	NO ADJUSTER-PLUMBER COSTS&MISC SUPP ONLY	400.00	6/17/2014	0.00	CLOSED
5204 GRAND	DOWNERS GROVE	ECKDAHL	5/29/2014	11/28/2014	1200.00	NO ADJUSTER - WELL DOCUMENTED EXPENSES	1200.00	12/16/2014	0.00	CLOSED
1608 OGDEN	DOWNERS GROVE	SLIPETZ (TENANT)	7/2/2014			NO ADJUSTER - CLEANUP COSTS ONLY			0.00	CLOSED
1608 OGDEN	DOWNERS GROVE	BALCIUNAS (LANDLORD)	7/2/2014			NO ADJUSTER - CLEANUP COSTS ONLY			0.00	CLOSED
6213 MIDDAUGH	DOWNERS GROVE	VENA	8/11/2014			NO ADJUSTER - PLUMBER COSTS ONLY			0.00	CLOSED
4129 WASHINGTON STREET	DOWNERS GROVE	BIANCO-SMITH	8/22/2014	2/2/2015	1200.00	PAYMENT SUGGESTED - 1,200.00	1200.00	2/9/2015	786.25	CLOSED
1230 75TH STREET	DOWNERS GROVE	TOTAL HOCKEY	11/28/2014	TIME LIMIT FOR CLAIM EXPIRED.					0.00	CLOSED
2230 OXNARD DRIVE	DOWNERS GROVE	DZAMBAZI	12/12/2014	12/26/2014	1200.00	NO ADJUSTER - WELL DOCUMENTED EXPENSES	1200.00	1/12/2015	0.00	CLOSED
2236 OXNARD DRIVE	DOWNERS GROVE	DAWSON	12/12/2014	TIME LIMIT FOR CLAIM EXPIRED.					0.00	CLOSED
4821 BRYAN PLACE	DOWNERS GROVE	HASAN (TENANT)	6/16/2015	TIME LIMIT FOR CLAIM EXPIRED.						CLOSED
4821 BRYAN PLACE	DOWNERS GROVE	OWNER VIA PROP. MGMT	6/16/2015	11/30/2015	2171.98	ADJUSTER DESK REVIEW - $2,171.98 SUGGESTED	STILL INVESTIGATING		157.25	OPEN
2006 OXNARD DRIVE	DOWNERS GROVE	MORRISON	8/10/2015	8/17/2015	130.00	NO ADJUSTER - WELL DOCUMENTED EXPENSES	130.00	8/19/2015	0.00	CLOSED
3719 DOWNERS DRIVE	DOWNERS GROVE	LINDENBURGER	9/7/2015			PAYMENT SUGGESTED - 2,500.00			544.00	OPEN
3725 DOWNERS DRIVE	DOWNERS GROVE	CORTESIO	9/7/2015	11/18/2015	80.00	NO ADJUSTER - CLEANUP COSTS ONLY	80.00	12/16/2015	0.00	CLOSED
4064 STERLING ROAD	DOWNERS GROVE	KOEHLER	12/21/2015							OPEN

TOTAL NUMBER OF BACKUPS	213				
TOTAL NUMBER OF CLAIMS RECEIVED		107			
TOTAL AMOUNT OF CLAIMS RECEIVED			$126,233.37		
TOTAL AMOUNT OF CLAIMS PAID				$63,036.37	
TOTAL AMOUNT PAID TO ADJUSTER					$14,258.00
AVERAGE AMOUNT OF CLAIM (MOST RECENT 24 MOS)			$813.52		
AVERAGE AMOUNT OF PAYMENT (MOST RECENT 24 MOS)				$677.68	
AVERAGE AMOUNT PAID TO ADJUSTER PER CLAIM (MOST RECENT 24 MOS)					$111.91

USER BILLING SUMMARY

User Charge System

Billings for January were as follows:

User	$206,759.37
Surcharge	20,399.55
Monthly fees	234,445.34
Total	$461,604.26
Summer Usage Adjustment	$0.00
Billable Flow	125,308,709
Budgeted Billable Flow	131,284,912
% Actual/Budgeted Billable Flow	95.45%
YTD Billable Flow	1,692,986,569
YTD Budgeted Billable Flow	1,632,019,099
% Actual/Budgeted Billable Flow	103.74%

The user accounts receivable balance on 1/31/16 is $497,302.18 which consists of:

Current charges due 2/15/16	$365,379.39
Past due charges and penalty	131,922.79
Total	$497,302.18

The past due charges represent:

Age	User Charges		Penalty	Totals
30 days past due	$51,559.66		$8,198.98	$59,758.64
60 days past due	19,957.83	#	3,205.45	23,163.28
90 days & greater past due	43,668.43		5,332.44	49,000.87
Totals	$115,185.92		$16,736.87	$131,922.79

Summary of
Past Due Charges
(90 Days and Over)

Five Year Comparison

January

Year	User Charges	Penalty	Total
2016	$43,668.43	$5,332.44	$49,000.87 **
2015	44,678.45	4,353.48	$49,031.93 **
2014	38,248.60	4,924.12	$43,172.72 **
2013	35,842.14	3,691.67	$39,533.81 **
2012	32,352.69	4,639.50	$36,992.19

**Includes $21,822.61 in sewer disconnection costs on 3 accounts.

Twelve Months Ending January 2016

Month Ending	User Charges	Penalty	Total
1/31/16	$43,668.43	$5,332.44	$49,000.87
12/31/15	45,799.46	7,635.13	53,434.59
11/30/15	44,535.72	7,228.39	51,764.11
10/31/15	39,096.34	6,260.71	45,357.05
9/30/15	40,853.23	6,294.19	47,147.42
8/31/15	39,532.46	6,098.81	45,631.27
7/31/15	40,811.20	5,997.57	46,808.77
6/30/15	53,444.77	6,257.81	59,702.58
5/31/15	44,804.25	6,542.01	51,346.26
4/30/15	44,873.47	6,120.86	50,994.33
3/31/15	46,505.15	6,499.11	53,004.26
2/28/15	44,665.07	4,614.75	49,279.82

Twelve of twenty-four delinquent accounts that were scheduled for pre-enforcement conferences on January 15, 2016 have paid in full and two accounts have payment arrangements. Since 2012, two accounts remain disconnected from sewer service and one cannot be disconnected due to complications with the route of the sewer to the home. On July 15, 2014, the Board approved another twelve properties for sewer disconnection of which eleven accounts paid, and one account remains disconnected.

To: Nick Menninga, General Manager
From: Marc Majewski, Operations Supervisor
Re: Month of January, 2016 WWTC Operations Report.
Date: February 10, 2016

Attached please find detailed operating data and our monthly report to Illinois EPA for January. The electronic reporting system now includes a form for semi-annual metals testing, copies of which are attached.

We had no excursions over our permit limits in January, 2016.

Certain highlights of operational activities included:

- Monthly flow: Average daily flows to the plant were 12.48 MGD, total precipitation at the WWTC was 0.62". There was 1 excess event during the month of January. There were 18 days of discharge over 11 MGD.

- Activated sludge: Return activated sludge was chlorinated on 8 days to help control a filamentous problem leading to foaming and reduced settleability of the sludge.

- Anaerobic Digesters: Pumped a total of 1,242,796 gallons of primary sludge, 486,323 gallons of WAS, and 246,005 gallons of waste grease for a total 1,975,124 gallons pumped to digesters. Total Volatile Solids destruction was calculated at 102%, an artifact of digester outages late last year that allow us to fill the tanks with minimal withdrawals.

- Digester gas: Total digester gas production was 6,869,827 cubic feet. CHP unit used 2,775,895 cubic feet during the month. 1,604,243 cubic feet of gas was used for anaerobic digestion heat. 1,758,203 cubic feet of flared gas was recorded during the month. Natural gas was used for hot water and building heat in the plant. The Munters dehumidifier used 731,486 cubic feet of gas.

- Bio-solids: No bio-solids have been distributed to the public in 2016. The bio-solids drying season will begin in early spring. Bio-solids work continues daily on sludge stockpiling, relocation, and hauling.

- Miscellaneous Items: Bio-mechanics have continued with overhauls on augers and repair work on bio equipment in preparation for the upcoming drying and delivery season. Bio-mechanics have also been replacing corroded piping support brackets in the tunnels, and performed several various preventative maintenance work orders throughout the month.

- ComEd Electricity: Kilowatt-hours measured a total of 260,067 KW-hrs. CHP Electricity Generated: Total 135,201 KW-hrs.

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

Downers Grove Sanitary District

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Report Month: 1/2016

Date	WWTC RAIN	Tertiary Flow Maximum MGD	Tertiary Flow Minimum MGD	Tertiary Flow Avg MGD	Excess Tanks Maximum MGD	Excess Tanks Avg MGD	Intermediate Clarifier 1 Maximum MGD	Intermediate Clarifier 1 Avg MGD	Outfall 003 Maximum MGD	Outfall 003 Avg MGD	Total Flow Maximum MGD	Total Flow Avg MGD	Outfall 002 Avg MGD
Fri, Jan 1	0.00	22.36	12.30	17.93	0.00	0.00	0.00	0.00	0.00	0.00	22.36	17.93	0.00
Sat, Jan 2	0.00	19.15	10.18	14.74	0.00	0.00	0.00	0.00	0.00	0.00	19.15	14.74	0.00
Sun, Jan 3	0.00	17.19	7.22	13.48	0.00	0.00	0.00	0.00	0.00	0.00	17.19	13.48	0.00
Mon, Jan 4	0.00	15.92	7.22	12.46	0.00	0.00	0.00	0.00	0.00	0.00	15.92	12.46	0.00
Tue, Jan 5	0.00	15.66	6.52	11.69	0.00	0.00	0.00	0.00	0.00	0.00	15.66	11.69	0.00
Wed, Jan 6	0.00	15.02	6.65	11.42	0.00	0.00	0.00	0.00	0.00	0.00	15.02	11.42	0.00
Thu, Jan 7	0.00	15.69	6.77	11.53	0.00	0.00	0.00	0.00	0.00	0.00	15.69	11.53	0.00
Fri, Jan 8	0.26	27.54	1.14	17.42	0.00	0.00	0.00	0.00	0.00	0.00	27.54	17.42	0.00
Sat, Jan 9	0.11	30.00	0.00	25.80	8.66	0.90	0.00	0.00	0.00	0.00	38.66	26.70	1.11
Sun, Jan 10	0.00	27.83	0.00	22.07	3.56	0.11	0.00	0.00	0.00	0.00	31.39	22.18	0.02
Mon, Jan 11	0.00	20.92	12.86	17.02	0.00	0.00	0.00	0.00	0.00	0.00	20.92	17.02	0.00
Tue, Jan 12	0.00	19.90	11.26	14.61	0.00	0.00	0.00	0.00	0.00	0.00	19.90	14.61	0.00
Wed, Jan 13	0.00	15.90	5.23	12.54	0.00	0.00	0.00	0.00	0.00	0.00	15.90	12.54	0.00
Thu, Jan 14	0.01	16.36	7.07	12.93	0.00	0.00	0.00	0.00	0.00	0.00	16.36	12.93	0.00
Fri, Jan 15	0.00	16.51	7.59	13.64	0.00	0.00	0.00	0.00	0.00	0.00	16.51	13.64	0.00
Sat, Jan 16	0.00	16.15	7.56	12.49	0.00	0.00	0.00	0.00	0.00	0.00	16.15	12.49	0.00
Sun, Jan 17	0.00	15.62	6.72	11.39	0.00	0.00	0.00	0.00	0.00	0.00	15.62	11.39	0.00
Mon, Jan 18	0.00	15.54	7.01	11.17	0.00	0.00	0.00	0.00	0.00	0.00	15.54	11.17	0.00
Tue, Jan 19	0.00	14.43	5.78	10.43	0.00	0.00	0.00	0.00	0.00	0.00	14.43	10.43	0.00
Wed, Jan 20	0.02	15.00	0.00	9.95	0.00	0.00	0.00	0.00	0.00	0.00	15.00	9.95	0.00
Thu, Jan 21	0.03	14.37	5.65	9.63	0.00	0.00	0.00	0.00	0.00	0.00	14.37	9.63	0.00
Fri, Jan 22	0.00	14.77	5.48	9.34	0.00	0.00	0.00	0.00	0.00	0.00	14.77	9.34	0.00
Sat, Jan 23	0.00	14.61	5.19	9.24	0.00	0.00	0.00	0.00	0.00	0.00	14.61	9.24	0.00
Sun, Jan 24	0.01	14.85	5.24	9.14	0.00	0.00	0.00	0.00	0.00	0.00	14.85	9.14	0.00
Mon, Jan 25	0.14	14.82	4.87	9.44	0.00	0.00	0.00	0.00	0.00	0.00	14.82	9.44	0.00
Tue, Jan 26	0.02	14.58	7.14	10.06	0.00	0.00	0.00	0.00	0.00	0.00	14.58	10.06	0.00
Wed, Jan 27	0.00	14.26	5.29	9.15	0.00	0.00	0.00	0.00	0.00	0.00	14.26	9.15	0.00
Thu, Jan 28	0.00	14.24	4.92	9.06	0.00	0.00	0.00	0.00	0.00	0.00	14.24	9.06	0.00
Fri, Jan 29	0.00	14.20	4.77	8.59	0.00	0.00	0.00	0.00	0.00	0.00	14.20	8.59	0.00
Sat, Jan 30	0.00	12.76	4.89	8.73	0.00	0.00	0.00	0.00	0.00	0.00	12.76	8.73	0.00
Sun, Jan 31	0.02	15.54	5.35	9.79	0.00	0.00	0.00	0.00	0.00	0.00	15.54	9.79	0.00
sum	0.62	531.70	187.86	386.91	12.22	1.01	0.00	0.00	0.00	0.00	543.92	387.93	1.13
avg	0.02	17.15	6.06	12.48	0.39	0.03	0.00	0.00	0.00	0.00	17.55	12.51	0.04
max	0.26	30.00	12.86	25.80	8.66	0.90	0.00	0.00	0.00	0.00	38.66	26.70	1.11
min	0.00	12.76	0.00	8.59	0.00	0.00	0.00	0.00	0.00	0.00	12.76	8.59	0.00

Downers Grove Sanitary District

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Report Month: 1/2016

Date	Tertiary Flow MGD	MLSS Avg Mg/L	Activated Sludge Inventory Lbs MLSS	Activated Sludge SRT Days	15 Mins Aeration Settling %	30 Mins Aeration Settling %	60 Mins Aeration Settling %	Sludge Volume Index	System 1 RAS SS Mg/L	System 2 RAS SS Mg/L	DuPage River Outfall D.O. Mg/L
Fri, Jan 1	17.93										
Sat, Jan 2	14.74										
Sun, Jan 3	13.48										
Mon, Jan 4	12.46	2722	86447	24.9	37	27	21	99		6092	8.5
Tue, Jan 5	11.69	2536	80524	22.8	42	30	22	116	6042		8.4
Wed, Jan 6	11.42	2598	82493	23.7	37	27	24	102		6366	8.6
Thu, Jan 7	11.53	2653	84264	25.6	38	27	21	102	6959		
Fri, Jan 8	17.42	2479	78738	22.2	35	25	20	100		7041	
Sat, Jan 9	25.80										9.1
Sun, Jan 10	22.07										
Mon, Jan 11	17.02	2302	73109	18.7	39	27	21	118		8036	8.3
Tue, Jan 12	14.61	2542	80731	27.6	54	34	26	132	5900		8.7
Wed, Jan 13	12.54	2831	89893	35.6	61	42	30	146		7780	9.0
Thu, Jan 14	12.93	3003	95379	31.5	62	43	29	143	6512		
Fri, Jan 15	13.64	2741	87035	23.7	50	36	28	130		8389	
Sat, Jan 16	12.49										
Sun, Jan 17	11.39										
Mon, Jan 18	11.17	3104	98579	34.1	69	44	30	143		6650	9.7
Tue, Jan 19	10.43	3168	100612	30.4	61	43	29	135	7250		9.5
Wed, Jan 20	9.95	3221	102287	23.8	58	42	29	129		7444	9.3
Thu, Jan 21	9.63	3143	99826	21.7	53	37	27	118	6953		
Fri, Jan 22	9.34	3059	97134	23.9	65	44	29	141		6558	
Sat, Jan 23	9.24										
Sun, Jan 24	9.14										
Mon, Jan 25	9.44	3396	107853	23.5	68	44	32	129		6766	9.3
Tue, Jan 26	10.06	3043	96650	18.0	59	39	27	128	7637		9.4
Wed, Jan 27	9.15	3337	105971	18.9	59	40	28	118		6536	9.7
Thu, Jan 28	9.06	3230	102573	17.1	52	36	26	111	7495		
Fri, Jan 29	8.59	3023	96007	18.5	40	33	25	108		5767	
Sat, Jan 30	8.73										
Sun, Jan 31	9.79										
sum	386.91	58129	1846103	486.2	1038	716	521	2448	54748	83425	117.5
avg	12.48	2906	92305	24.3	52	36	26	122	6844	6952	9.0
max	25.80	3396	107853	35.6	69	44	32	146	7637	8389	9.7
min	8.59	2302	73109	17.1	35	25	20	99	5900	5767	8.3

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Report Month: 1/2016

Date	Tertiary Flow MGD	Influent BOD5 mg/L	Primary Effluent BOD5, mg/L	Intermediate Effluent CBOD5, mg/L	Tertiary Effluent CBOD5, mg/L	Tertiary Effluent CBOD5, lbs/day	BOD Removal, %	Ambient Air Temp Max, Deg F	Ambient Air Temp Min, Deg F	Influent Flow Temp, Deg F
Fri, Jan 1	17.93							30.6	19.6	
Sat, Jan 2	14.74							35.3	20.8	
Sun, Jan 3	13.48							30.5	21.9	
Mon, Jan 4	12.46							34.2	23.3	56.7
Tue, Jan 5	11.69	108	55	5.5	0.6	58.5	99.44	36.2	18.9	56.5
Wed, Jan 6	11.42	115	58	3.2	0.9	85.7	99.22	40.3	25.0	56.3
Thu, Jan 7	11.53	138	61	3.5	0.7	67.3	99.49	41.4	35.3	56.6
Fri, Jan 8	17.42							45.0	38.4	
Sat, Jan 9	25.80	78						43.4	23.0	
Sun, Jan 10	22.07							23.0	2.0	
Mon, Jan 11	17.02							24.7	0.0	54.5
Tue, Jan 12	14.61	126	50	2.9	1.0	121.9	99.21	19.2	3.7	52.7
Wed, Jan 13	12.54	95	52	2.7	1.0	104.6	98.95	24.6	0.3	54.3
Thu, Jan 14	12.93	110	56	3.0	0.7	75.5	99.36	46.0	24.4	55.2
Fri, Jan 15	13.64							43.2	31.1	
Sat, Jan 16	12.49							31.8	8.9	
Sun, Jan 17	11.39							8.8	-1.9	
Mon, Jan 18	11.17							9.8	-3.4	52.9
Tue, Jan 19	10.43	126		2.9	0.6	52.2	99.84	19.7	-0.1	53.2
Wed, Jan 20	9.95	141	68		0.5	41.5	99.65	27.7	10.7	54.0
Thu, Jan 21	9.63	136	73	2.9	0.6	48.2	99.56	35.2	11.5	53.8
Fri, Jan 22	9.34							31.0	17.4	
Sat, Jan 23	9.24							37.9	24.1	
Sun, Jan 24	9.14							35.9	22.8	
Mon, Jan 25	9.44	169			0.9	70.9	99.47	41.7	28.3	54.5
Tue, Jan 26	10.06	138	70	3.0	1.0	83.9	99.28	36.5	25.3	53.6
Wed, Jan 27	9.15	134	70	2.7	0.8	61.1	99.40	35.3	25.2	53.8
Thu, Jan 28	9.06							40.8	29.1	54.1
Fri, Jan 29	8.59							36.6	20.4	
Sat, Jan 30	8.73							49.3	35.0	
Sun, Jan 31	9.79							50.4	34.4	
sum	386.91	1614	613	32.3	9.3	871.3	1192.86	1046.2	575.4	872.7
avg	12.48	124	61	3.2	0.8	72.6	99.41	33.7	18.6	54.5
max	25.80	169	73	5.5	1.0	121.9	99.84	50.4	38.4	56.7
min	8.59	78	50	2.7	0.5	41.5	98.95	8.8	-3.4	52.7

Downers Grove Sanitary District

Monthly Operations Report Page 4

Report Month: 1/2016

Date	Tertiary Flow MGD	Influent TSS mg/L	Primary Effluent TSS, mg/L	Intermediate Effluent TSS, mg/L	Tertiary Effluent TSS, mg/L	Tertiary Effluent TSS, lbs/day	TSS Removal, %	Influent pH, S.U.	Primary Effluent pH, S.U.	Tertiary Effluent pH, S.U.	Intermediate Effluent pH, S.U.
Fri, Jan 1	17.93	48			0.5	75	99.0				
Sat, Jan 2	14.74	156			0.3	37	99.8				
Sun, Jan 3	13.48	100			0.4	45	99.6				
Mon, Jan 4	12.46	100	42	4.9	0.3	31	99.7	7.7	7.6	7.4	7.3
Tue, Jan 5	11.69	112	36	5.4	0.3	29	99.7	7.7	7.7	7.3	7.2
Wed, Jan 6	11.42	136	41	6.9	0.5	48	99.6	7.7	7.6	7.2	7.1
Thu, Jan 7	11.53	156	49	6.6	0.3	29	99.8	7.7	7.7	7.3	7.2
Fri, Jan 8	17.42	148			0.8	116	99.5	7.6	7.6	7.2	7.1
Sat, Jan 9	25.80	64			1.2	258	98.1				
Sun, Jan 10	22.07	48			0.7	129	98.5				
Mon, Jan 11	17.02	92	39	5.6	0.5	71	99.5	7.8	7.9	7.4	7.3
Tue, Jan 12	14.61	88	39	5.6	0.6	73	99.3	7.8	7.8	7.3	7.3
Wed, Jan 13	12.54	92	44	6.0	0.5	52	99.5	7.7	7.8	7.3	7.2
Thu, Jan 14	12.93	108	42	4.8	0.3	32	99.7	7.7	7.8	7.3	7.3
Fri, Jan 15	13.64	108			0.5	57	99.5	7.7	7.7	7.3	7.2
Sat, Jan 16	12.49	92			0.3	31	99.7				
Sun, Jan 17	11.39	104			0.4	38	99.6				
Mon, Jan 18	11.17	188		4.5	0.3	28	99.8	7.7	7.8	7.4	7.3
Tue, Jan 19	10.43	134		4.8	0.4	35	99.7	7.7	7.7	7.3	7.2
Wed, Jan 20	9.95	114	39		0.3	25	99.7	7.8	7.6	7.2	7.2
Thu, Jan 21	9.63	126	46	5.3	0.3	24	99.8	7.7	7.7	7.4	7.2
Fri, Jan 22	9.34	108			0.3	23	99.7	7.7	7.4	7.1	7.1
Sat, Jan 23	9.24	112			0.2	15	99.8				
Sun, Jan 24	9.14	168			0.2	15	99.9				
Mon, Jan 25	9.44	228	46	3.8	0.3	24	99.9	7.6	7.6	7.3	7.3
Tue, Jan 26	10.06	144	43	4.1	0.4	34	99.7	7.7	7.7	7.3	7.2
Wed, Jan 27	9.15	170	36	4.4	0.4	31	99.8	7.6	7.7	7.2	7.2
Thu, Jan 28	9.06	128	51	5.8	0.6	45	99.5	7.6	7.6	7.2	7.3
Fri, Jan 29	8.59	240			0.5	36	99.8	7.8	7.6	7.2	7.2
Sat, Jan 30	8.73	152			0.5	36	99.7				
Sun, Jan 31	9.79	138			0.4	33	99.7				
sum	386.91	3902	593	78.5	13.5	1555	3086.7	154.0	153.6	145.6	144.4
avg	12.48	126	42	5.2	0.4	50	99.6	7.7	7.7	7.3	7.2
max	25.80	240	51	6.9	1.2	258	99.9	7.8	7.9	7.4	7.3
min	8.59	48	36	3.8	0.2	15	98.1	7.6	7.4	7.1	7.1

Monthly Operations Report Page 5

Date	Tertiary Flow MGD	Influent Amm-N Mg/L	Tertiary Effluent Amm-N Mg/L	Tertiary Effluent Amm-N Lbs/D	Residual Chlorine Mg/L	Fecal Coliform No/100ml
Fri, Jan 1	17.93					
Sat, Jan 2	14.74				0.02	
Sun, Jan 3	13.48	7.32	0.11	12.36	0.04	
Mon, Jan 4	12.46					
Tue, Jan 5	11.69	19.60	0.38	37.05		
Wed, Jan 6	11.42	15.24	0.41	39.04		
Thu, Jan 7	11.53	15.68	0.11	10.58		
Fri, Jan 8	17.42					
Sat, Jan 9	25.80					
Sun, Jan 10	22.07	4.32	0.09	16.56	0.04	
Mon, Jan 11	17.02	6.44	0.18	25.55	0.04	
Tue, Jan 12	14.61	11.12	0.23	28.03		
Wed, Jan 13	12.54	11.68	0.17	17.78		
Thu, Jan 14	12.93	11.44	0.07	7.55		
Fri, Jan 15	13.64					
Sat, Jan 16	12.49					
Sun, Jan 17	11.39	10.04	0.06	5.70		
Mon, Jan 18	11.17	13.92	0.06	5.59		
Tue, Jan 19	10.43					
Wed, Jan 20	9.95	10.92	0.06	4.98		
Thu, Jan 21	9.63	14.00	0.05	4.02		
Fri, Jan 22	9.34					
Sat, Jan 23	9.24					
Sun, Jan 24	9.14	10.04	0.06	4.57		
Mon, Jan 25	9.44	21.52	0.05	3.94		
Tue, Jan 26	10.06	12.88	0.08	6.71		
Wed, Jan 27	9.15	28.48	0.04	3.05		
Thu, Jan 28	9.06	16.40	0.03	2.27		
Fri, Jan 29	8.59					
Sat, Jan 30	8.73					
Sun, Jan 31	9.79	8.90	0.03	2.45		
sum	386.91	249.94	2.27	237.80	0.14	
avg	12.48	13.15	0.12	12.52	0.04	
max	25.80	28.48	0.41	39.04	0.04	
min	8.59	4.32	0.03	2.27	0.02	

SLUDGE DATA

Primary Sludge TS 1.9%	1,242,796	Gallons
WAS to Dig #4/5 TS 3.0%	486,323	Gallons
Hauled Grease to Digs	246,005	Gallons
Anaerobically Digested Sludge Pumping		
Drying Beds TS 2.4%	102,300	Gallons
BFP TS 2.4%	231,244	Gallons
Lagoons TS %		Gallons
Total	333,544	Gallons
VS Destruction	102	%
Biosolids Disposal		
Pick-up Station - Jan		Cu. Yds.
Delivered - Jan		Cu. Yds.
Contractor Pick-up and District Use - Jan		Cu. Yds.
Total - Jan		Cu. Yds.
Pick-up Station - YTD		Cu. Yds.
Delivered - YTD		Cu. Yds.
Contractor Pick-up and District Use - YTD		Cu. Yds.
Total - YTD		Cu. Yds.

ENERGY DATA

Total Digester Gas Production	6,869,827	Cu. Ft.
Gas Volume per Volatile Solids Load	17.75	Cu. Ft./Lb.
Digester Gas Utilization		
Heat Exchangers	1,604,243	Cu. Ft.
Dehumidification	731,486	Cu. Ft.
CHP	2,775,895	Cu. Ft.
Total	5,111,624	Cu. Ft.
Digester Gas Flared	1,758,203	Cu. Ft.
Natural Gas Consumed		
WWTC	51,967	Cu. Ft.
MSB	59,300	Cu. Ft.
Chemical Feed	52,367	Cu. Ft.
5006 Walnut	22,967	Cu. Ft.
Kilowatt-hours from ComEd	260,067	KW-Hrs
Kilowatt-hours Generated CHP	135,201	KW-Hrs

MISCELLANEOUS

Grit Removal - Jan	20	Cu. Yds.
Grit Removal - YTD	20	Cu. Yds.
Anaerobic Supernate	1,697,808	Gallons
Waste Activated Sludge	0.0702	MGD
City Water Consumed	76,371	Gallons

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 01/01/16 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	9	=	8.7	=	8.3	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.							Req Mon MO AV MN		Req Mon MN WK AV		Req Mon DAILY MN	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	2.4	=	4.5	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.1			=	7.3	12 - SU		05/DW - 5 Days Every Week	GR - GRAB
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	0.6	=	1.5	19 - mg/L		05/DW - 5 Days Every Week	GR - GRAB
					Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample								=	0.21	=	1.9	19 - mg/L		05/DW - 5 Days Every Week	GR - GRAB
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample										=	2.57	19 - mg/L		05/30 - 5 Times Every Month	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0.13			19 - mg/L		05/30 - 5 Times Every Month	GR - GRAB
					Permit Req.								<=	.75 MO AVG			19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										=	0	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Permit Req.										<=	400 DAILY MX	13 - #/100mL	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	386.8006	80 - Mgal/mo									99/99 - Continuous	
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo								0	99/99 - Continuous	
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

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

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit					
Permit #:	**IL0028380**	**Permittee:**	DOWNERS GROVE SANITARY DISTRICT	**Facility:**	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
Major:	Yes	**Permittee Address:**	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	**Facility Location:**	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
Permitted Feature:	002 External Outfall	**Discharge:**	**002-0** MIXING CHMBR OVERFLOW TO ST. JOSEPH CRK		
Report Dates & Status					
Monitoring Period:	**From 01/01/16 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
NUMBER OF DAYS OF DISCHARGE:CS					
Principal Executive Officer					
First Name:	Nicholas	**Title:**	General Manager	**Telephone:**	630-969-0664
Last Name:	Menninga				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample										=	9.1	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MN	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	13	=	13	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.3			=	7.3	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	8	=	8	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample										=	1.9	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample										=	1.5	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0.51			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	.75 MO AVG			19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										=	0	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										<=	400 DAILY MX	13 - #/100mL	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	1.13	80 - Mgal/mo									DL/DS - Daily When Discharging	
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo								0	DL/DS - Daily When Discharging	
					Value NODI															

Submission Note			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.			
Edit Check Errors			
No errors.			
Comments			
1 day of discharge.			
Attachments			
No attachments.			
Report Last Saved By			
DOWNERS GROVE SANITARY DISTRICT			
User:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 01/01/16 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MN	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	.75 MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge						
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	400 DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
82220	Flow, total	1 - Effluent Gross	0	--	Sample															
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo									DL/DS - Daily When Discharging	
					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:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit					
Permit #:	**IL0028380**	**Permittee:**	DOWNERS GROVE SANITARY DISTRICT	**Facility:**	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
Major:	Yes	**Permittee Address:**	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	**Facility Location:**	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
Permitted Feature:	A01 External Outfall	**Discharge:**	**A01-0** EXCESS FLOW FROM EXCESS FLOW CLARIFIERS		
Report Dates & Status					
Monitoring Period:	**From 01/01/16 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
NUMBER OF DAYS OF DISCHARGE:CS					
Principal Executive Officer					
First Name:	Nicholas	**Title:**	General Manager	**Telephone:**	630-969-0664
Last Name:	Menninga				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample										=	35.2	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample										=	18.4	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample										=	4.74	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample										=	1.66	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	1.0138	80 - Mgal/mo									DL/DS - Daily When Discharging	CN - CONTIN
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo								0	DL/DS - Daily When Discharging	CN - CONTIN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

1 day of discharge. Event 1: 1/9 to 1/10, discharging 6.39 hours. 0.37 inches of rain over 18 hours. B01 flow rate at A01 start time: 20,790 gpm.

Attachments

No attachments.

Report Last Saved By

DOWNERS GROVE SANITARY DISTRICT

User:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit					
Permit #:	**IL0028380**	**Permittee:**	DOWNERS GROVE SANITARY DISTRICT	**Facility:**	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
Major:	Yes	**Permittee Address:**	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	**Facility Location:**	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
Permitted Feature:	B01 External Outfall	**Discharge:**	**B01-0** INTERNAL MIXING CHMBR - E. BR. DUPAGE RVR		
Report Dates & Status					
Monitoring Period:	**From 01/01/16 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
DMF LOAD LIMITS DISPLAYED.					
Principal Executive Officer					
First Name:	Nicholas	**Title:**	General Manager	**Telephone:**	630-969-0664
Last Name:	Menninga				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample										=	56.1	15 - deg F		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon MO MAX	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample						=	9	=	8.5	=	8.3	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	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.1			=	7.3	12 - SU		05/DW - 5 Days Every Week	GR - GRAB
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00410	Alkalinity, total [as CaCO3]	1 - Effluent Gross	0	--	Sample										=	224	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	50.2	=	258.2	26 - lb/d			=	0.4	=	1.2	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.	<=	2202 MO AVG	<=	4404 DAILY MX	26 - lb/d			<=	12 MO AVG	<=	24 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample										=	14.2	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	12.52	=	39.04	26 - lb/d			=	0.12	=	0.41	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.	<=	734 MO AVG	<=	1376 DAILY MX	26 - lb/d			<=	4 MO AVG	<=	7.5 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample										=	0.7	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample										=	13.5	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample										=	2.57	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample										=	2.49	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample										=	212	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	12.48	=	25.8	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	1	--	Sample										=	0.04	19 - mg/L		CL/OC - Chlorination/Occurances	GR - GRAB
					Permit Req.										<=	.05 DAILY MX	19 - mg/L	0	CL/OC - Chlorination/Occurances	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	72.6	=	121.85	26 - lb/d			=	0.8	=	1	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	0	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:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit

Permit #:	**IL0028380**	**Permittee:**	DOWNERS GROVE SANITARY DISTRICT	**Facility:**	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
Major:	Yes	**Permittee Address:**	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	**Facility Location:**	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
Permitted Feature:	C01 External Outfall	**Discharge:**	**C01-0** EXCESS FLOW FROM CLARIFIER #1		

Report Dates & Status

Monitoring Period:	**From 01/01/16 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
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:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit					
Permit #:	**IL0028380**	**Permittee:**	DOWNERS GROVE SANITARY DISTRICT	**Facility:**	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
Major:	Yes	**Permittee Address:**	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	**Facility Location:**	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
Permitted Feature:	INF Influent Structure	**Discharge:**	**INF-L** INFLUENT MONITORING		
Report Dates & Status					
Monitoring Period:	**From 01/01/16 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**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:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample								=	124			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	126			19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	09/99 - See Permit	CP - COMPOS
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample										=	24.8	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample										=	6.81	19 - mg/L		04/30 - Four Per Month	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	12.91	=	25.97	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															

Submission Note			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.			
Edit Check Errors			
No errors.			
Comments			
Attachments			
No attachments.			
Report Last Saved By			
DOWNERS GROVE SANITARY DISTRICT			
User:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit					
Permit #:	**IL0028380**	**Permittee:**	DOWNERS GROVE SANITARY DISTRICT	**Facility:**	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
Major:	Yes	**Permittee Address:**	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	**Facility Location:**	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
Permitted Feature:	B01 External Outfall	**Discharge:**	**B01-S** SEMI ANNUAL SAMPLING AT B01		
Report Dates & Status					
Monitoring Period:	**From 08/01/15 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Nicholas	**Title:**	General Manager	**Telephone:**	630-969-0664
Last Name:	Menninga				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample										<	1	19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00720	Cyanide, total [as CN]	1 - Effluent Gross	0	--	Sample										<	5	28 - ug/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00722	Cyanide, free [amen. to chlorination]	1 - Effluent Gross	0	--	Sample										<	5	28 - ug/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00951	Fluoride, total [as F]	1 - Effluent Gross	0	--	Sample										=	0.37	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample										<	0.022	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01007	Barium, total [as Ba]	1 - Effluent Gross	0	--	Sample										=	0.0301	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01012	Beryllium, total [as Be]	1 - Effluent Gross	0	--	Sample										<	0.0025	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01027	Cadmium, total [as Cd]	1 - Effluent Gross	0	--	Sample										<	0.001	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--	Sample										<	0.005	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample										=	0.0039	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	0.029	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample										<	0.0117	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample										<	0.0071	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01055	Manganese, total [as Mn]	1 - Effluent Gross	0	--	Sample										<	0.0088	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01059	Thallium, total [as Tl]	1 - Effluent Gross	0	--	Sample										<	0.04	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															

01067	Nickel, total [as Ni]	1 - Effluent Gross	0	--	Sample										<	0.004	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01077	Silver, total [as Ag]	1 - Effluent Gross	0	--	Sample										<	0.002	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample										=	0.0234	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01097	Antimony, total [as Sb]	1 - Effluent Gross	0	--	Sample										<	0.03	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01147	Selenium, total [as Se]	1 - Effluent Gross	0	--	Sample										<	0.001	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
32730	Phenolics, total recoverable	1 - Effluent Gross	0	--	Sample										<	0.005	19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample										=	0.548	3M - ng/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	3M - ng/L	0	09/99 - See Permit	GR - GRAB
					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:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DMR Copy of Record

Permit					
Permit #:	**IL0028380**	**Permittee:**	DOWNERS GROVE SANITARY DISTRICT	**Facility:**	DOWNERS GROVE S.D. - WASTEWATER TREATMENT CENTER
Major:	Yes	**Permittee Address:**	2710 CURTISS STREET PO BOX 1412 DOWNERS GROVE, IL 60515	**Facility Location:**	5003 WALNUT AVENUE DOWNERS GROVE, IL 60515
Permitted Feature:	INFL Influent Structure	**Discharge:**	**INFL-S** SEMI ANNUAL SAMPLING AT INFL		
Report Dates & Status					
Monitoring Period:	**From 08/01/15 to 01/31/16**	**DMR Due Date:**	**02/25/16**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Nicholas	**Title:**	General Manager	**Telephone:**	630-969-0664
Last Name:	Menninga				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample										=	13.2	19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00718	Cyanide, weak acid, dissociable	1 - Effluent Gross	0	--	Sample										<	5	28 - ug/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00720	Cyanide, total [as CN]	1 - Effluent Gross	0	--	Sample										=	16	28 - ug/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00951	Fluoride, total [as F]	1 - Effluent Gross	0	--	Sample										=	0.4	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample										<	0.022	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01007	Barium, total [as Ba]	1 - Effluent Gross	0	--	Sample										=	0.0481	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01012	Beryllium, total [as Be]	1 - Effluent Gross	0	--	Sample										<	0.0025	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01027	Cadmium, total [as Cd]	1 - Effluent Gross	0	--	Sample										=	0.0011	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--	Sample										<	0.005	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01042	Copper, total [as Cu]	1 - Effluent Gross	0	--	Sample										=	0.0342	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample										=	0.619	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample										=	0.075	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01051	Lead, total [as Pb]	1 - Effluent Gross	0	--	Sample										<	0.0071	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01055	Manganese, total [as Mn]	1 - Effluent Gross	0	--	Sample										=	0.0515	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01059	Thallium, total [as Tl]	1 - Effluent Gross	0	--	Sample										<	0.04	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															

01067	Nickel, total [as Ni]	1 - Effluent Gross	0	--	Sample										<	0.004	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01077	Silver, total [as Ag]	1 - Effluent Gross	0	--	Sample										<	0.002	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--	Sample										=	0.0447	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01097	Antimony, total [as Sb]	1 - Effluent Gross	0	--	Sample										<	0.03	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01147	Selenium, total [as Se]	1 - Effluent Gross	0	--	Sample										<	0.001	19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
32730	Phenolics, total recoverable	1 - Effluent Gross	0	--	Sample										=	0.01	19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample										<	0.0001	3M - ng/L		09/99 - See Permit	GR - GRAB
					Permit Req.											Req Mon DAILY MX	3M - ng/L	0	09/99 - See Permit	GR - GRAB
					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:	rberry@dgsd.org	Date/Time:	2016-02-10 11:35 (Time Zone: -06:00)
Name:	Dorrance Berry		
E-Mail:	rberry@dgsd.org		

DOWNERS GROVE SANITARY DISTRICT

M E M O

TO: Nicholas J. Menninga, General Manager

FROM: Jeff Barta, Maintenance Supervisor

DATE: February 11, 2016

SUBJECT: January 2016 Maintenance Report

Attached is a work order summary detailing equipment repair and preventive maintenance activities conducted by the maintenance/electrical department and operations during January 2016.

Special projects in January included:

FY 15-16 Painting Services

GP Maintenance returned in January to complete the last remaining item that was included in the FY 15-16 painting services contract. The area that was painted was a section of the underground tunnel from the Grit building to the grease pump. Everything in the tunnel (with the exception of the floor) was painted. This project was postponed until the winter when there is significantly less condensation issues, especially on the piping within the tunnels.

Digester 3 Waste Gas Torch – Automatic Igniter System

In the spring of 2015 when we installed the new waste gas torch it did not include an automatic igniter. During the fabrication of the new torch we did include provisions to be able to add an igniter in the future. District maintenance and electrical staff researched and purchased the components to build an automatic igniter system for the torch. The fabrication of the mounting system for the igniter, building the electrical control panel and the installation of the new underground power feed was all completed in-house. Uno Construction was hired to excavate the trench for the underground conduit feed.

As previously mentioned in April 2015, the cost estimate for a replacement torch from the original vendor (Varec) was well over $15,000.00 (not including the new underground power feed). Our total cost for this project was under $7,000.00.00 including the new torch that was fabricated locally by Jake's Machine in spring of 2015; design, build and installation of the new ignition system in-house performed by District staff.

Raw Sewage Pump 5 - Overhaul

Raw sewage pump 5 was removed from service for an overhaul and mechanical seal replacement. When the pump was disassembled we found that the stainless steel sleeve on the impeller for the mechanical seal was severely worn and needed replacement. The impeller and shaft were sent to Jake's Machine to have a new stainless steel sleeve machined and fitted to the impeller. The assembly was also checked for run out and balanced.

After the shaft and impeller were returned, District staff completed the overhaul on the pump. The overhaul included new bearings and grease seals from Motion Industries, overhaul parts from Superior Pumps, and a new mechanical seal from John Crane. The total cost for this overhaul was $5,309.02. The pump is back online and should provide many years of service.

cc: WDVB, ASK, DFP, KJR, RTJ, MJS, WCC, MGP

Work Order Summary

Work Order Completion Dates from 1/4/2016 to 1/29/2016

Work Assignment	Completion Date	Equipment	NOTATIONS
4 Month Oil Change on Vehicle #314-Clays Ford Focus	1/8/2016	2009 Ford Focus Sedan	
Check, Remove,Clean. Grease-debris from wells	1/28/2016	Excess Flow Pump Station	
		Raw Sewage Pump Station	
Replace Air Filters In Geothermal unit.	1/11/2016		Replaced geothermal units air filters. Recomend using 3-12x20x2 filters instead of current set up do to new electrical conduits.
CELLS CLEANING WITH MURIATIC ACID	1/18/2016	Hypochlorite OSEC Generator	Disolve muriatic acid in ration 1 to 30. Muriatic acid content to be degraded at 0.8 - 1%. Also clean brine and water flow meters.
Run And Inspect Generators With The Load Of The Plant	1/6/2016	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Replace Discharge Force Main Air Relief Valves (2)	1/21/2016	Centex Discharge Force Main	
Exercise of Excess Influent and Effluent Gates	1/7/2016	Excess Flow Clarifier 1	
		Excess Flow Clarifier 2	
		Excess Flow Clarifier 3	
		Excess Flow Clarifier 4	
Exercise Ratio Valve #2	1/6/2016	Tunnel - System 2 RAS	
EXCESS 003- Exercise 30" and 24" DEZURIK Valves	1/4/2016	Excess Flow 003 Valves	
Exercising of secondaries 1 and 2 influent gates	1/22/2016	Secondary Clarifier 1	
		Secondary Clarifier 2	
Change Filters On Grit Blowers 1,2,3.	1/6/2016	Grit Blower 1	
		Grit Blower 2	
		Grit Blower 3	
By-Weekly Fluid and Misc. Check of Generators		Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Replace Discharge Force Main Air Relief Valves (2)	1/21/2016	Hobson Discharge Force Main	Replace both combination air relief valves on the force main with reconditioned units. Clean and recondition the valves that were removed to reuse at the next location. If new valves are needed, contact porter pipe and order valmatic #802ASV.
Replace Air Filters On Both Fume Hood Air Make Up Systems	1/28/2016	Laboratory	Replace filters on both air make up systems for fume hoods. Digester 1 & 2 control building & Rooftop unit (west lab).
Replace Air Filters On Both Laboratory Furnaces			Replace filters in Sampler room (east lab) and Micro lab room (west lab) furnaces.
Replace Air Filters On Operations Center Roof Top Unit		Operations Center	Replace filters on the roof top unit. (3) 16x25x1 (Grainger #5W510)

Work Assignment	Completion Date	Equipment	NOTATIONS
4 Month Oil Change Utility Maintenance Truck	1/26/2016	2012 FORD F-350 LS	
Vehicle 318- 4 Month oil change (Ops Truck)	1/6/2016	2007 Chevrolet Silverado 1500	
Check All Fluids In The Equipment Listed Below	1/18/2016	2005 BOBCAT S220 #332	
		2007 Case 621D Wheel Loader331	
		2009 BOB CAT S 300 #333	
		2009 Sterling LT 7500 # 317	
		2013 Wheel Loader #334	
		2014 Freightliner M2106 6 yd d	
		Portable Generator 150	
		Portable Generator 200	
		Portable Generator 350	
		WWTC ODS Pump Air Compressor	
Safety lane Vehicle 304- 2009 FORD Bio-Truck	1/15/2016	2009 Ford F350 Truck New 304	
6000 Hour Oil Change on Unison Gas Skid Blower	1/27/2016	CHP Gas Cleaning System	
Unison Gas Skid STR 801, clean as needed.	1/22/2016		
Check STR 700, 721, 741, clean as needed.			
Monthly Liquid Status of Under Ground Diesel Tank	1/6/2016	Emerg Gen Diesel Storage Tank	
Replace Discharge Force Main Air Relief Valves (2)	1/22/2016	Venard Discharge Force Main	
	1/27/2016	Wroble Discharge Force Main	
Add back drag plow edge to 304 Plow truck	1/4/2016	2009 Ford F350 Truck New 304	
Add back drag plow edge to 348 Plow truck		2014 Ford F-250 Plow Truck	
Check lighting in basement	1/5/2016	Hypochlorite Feed Blg	Found bulb burnt out & replaced
Repair Pipe Hunter Easement machine	1/6/2016	2006 Easement Machine	Service PM, cleaned out old fuel and cleaned fuel tank. Replaced all fuel, filters, oil, and added a battery tender. Special order for hydraulic filters.
Replaced shear pin on Piston Pump 2	1/5/2016	Primary Sludge Pump 2	
Rebuild pump	1/6/2016	Hypo Brine Transfer Pump	Removed old parts from pump and install new & test. Also installed new water hose for clean up.
Check emergency lighting	1/8/2016	Hypochlorite Feed Blg	Emergency lighting shorted out, removed and replace.
Seal failure	1/11/2016	Venard Pump #1	Pump locked out on seal failure, called Flygt Inc. and had them come and pull the pump out of the wet well for service at the shop.
Install cellphone charger outlets in offices	1/7/2016	Maintenance Services Building	Removed recepticales and installed cellphone charger outlets
Check pump operation, failure over the weekend	1/5/2016	Hypochlorite Feed Pump 2	Found that hose needed replacement. Replaced hose and fixed leaks in piping system.
10,601 hours. Determine why CHP	1/8/2016	CHP Engine Genset	Completed troubleshooting of RPM speed sensor/guvnor.

Work Assignment	Completion Date	Equipment	NOTATIONS
speed guvnor circuit faulted			Removed heat damaged section of wiring and resoolder to connecter. Acquired new fuses and replaced.
Check operation	1/14/2016	Hypo Salt Storage Tanks	Locked out on blank reading, Transducer wouldn't ping to product. Removed Transducer and cleaned ice off sensor, re-installed & tested.
Check outside flood light		Hypochlorite Feed Blg	Found photo eye on flood light not operating. Replaced and tested.
Replace all lighting w/new energy eff. fixtures		Emergency Generator Building	Replace all indoor fixtures w/energy efficient florescent. Outdoor fixtures at the entry doors were replaced with Led fixtures.
Exercise both 24" primary influent ratio valves	1/19/2016	Tunnel/Chan Primary Clarifiers	
By-Weekly Fluid and Misc. Check of Generators	1/18/2016	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
Run And Inspect Generators With The Load Of The Plant	1/20/2016	Emergency Generator 1	
		Emergency Generator 2	
		Emergency Generator 3	
3 Month Grease- Secondaries 1 & 2	1/22/2016	Secondary Clarifier 1	
		Secondary Clarifier 2	
Grease Tracks, Check Lube Sites On Bar Screens #1 & #2		Bar Screen 1	
		Bar Screen 2	
Grease Bearings On Grit Blowers #1-#3 With Hi-Temp Grease	1/19/2016	Grit Blower 1	
		Grit Blower 2	
		Grit Blower 3	
Grease Pump Bearings on 4 - 5 - 6 Return Sludge Pumps.		RAS Pump 4	
		RAS Pump 5	
		RAS Pump 6	
6 Month Oil Change On Bearings, Intermediate Pumps #1 & #2		Intermediate Sludge Pump 1	
		Intermediate Sludge Pump 2	
Six Month Oil Change WAS Moyno Pumps Reducers		Conc Tank Moyno Sludge Pump 1	
		Conc Tank Moyno Sludge Pump 3	
Replace PRV on heat exchanger 3		Digester 3 Heat Exchanger	Replaced faulty pressure relief valve on #3 Heat exhanger and replaced corroded piping.
Complete Rehab of Auger #2- 2004	1/15/2016	2004 AUGER-DAWG G-30 4D087	Frank disassembled auger and located auger assembly to welding table. Cut off old 1/2" rebar and welded 25' new 1/2" rebar to auger. Disassembled all hydraulic hoses and parts and cleaned. Grind and reppain arm supprots. Reassembled complete unit. Installed new hoses at lower end of cushion valve. Unit test was OK.
500 Hour service on Case Loader	1/18/2016	2007 Case 621D Wheel Loader331	500 hour service was performed on the Case Loader. Next service due at 8534 hours.
Flip cutting edge to new side, replace nuts and bolts	1/15/2016		
Replace spark plugs and fuel lines	1/12/2016	WWTC Roadways	

Work Assignment	Completion Date	Equipment	NOTATIONS
on Toro snow blowers			
Remove and Repair rust on Case Loader	1/21/2016	2007 Case 621D Wheel Loader331	Body work on both Case doors. Remove leftside entry door and right side air intake fuse panel door, remove rust, use body filler for rust holes in doors. Sand doors, prime and paint doors. Replace left side turn bulbs.
Ready wear plates for Augers	1/25/2016	2004 AUGER-DAWG G-30 4D087	
		2004 AUGER-DAWG G-30 4D088	
		2009 AUGER-DAWG G30A 91093	
		2014 AUGER-DAWG G-30 4D091	
Oil Bell & Gosset Pumps	1/29/2016	Digester 1 Heat Exchanger	
		Digester 2 Heat Exchanger	
		Digester 3 Heat Exchanger	
		Digester 4 Heat Exchanger	
		Digester 5 Heat Exchanger	
		Excess Flow Pump Station	
Assemble all hardware to new drivers door and glass		2016 Club Car Carryall 300	
Check Exhaust Fan	1/28/2016	Tunnel/Chan Aeration Tank 1-11	Found exhaust fan motor not working nad housing packed with dirt. Removed unit cleaned it and installed new motor. Reinstalled entire unit and tested.
Check oil leak at exhaust manifold and turbo.	1/11/2016	Portable Generator 350	Patten Power Systems found that the oil leak was due to generator attempting to run at full speed before it was warmed up. Clean oil residue, install new high/low speed control switch to allow warm up in low speed. Connect to load & test operation.
10,904 hrs. Resolve CHP failure due to "underspeed" alarm.	1/27/2016	CHP Engine Genset	Discovered damaged wire from RPM sensor and made repair. Discovered gap in exhaust insulation (likely cause) and made temporary repair. Corresponded with Tech 3 Solutions on receiving warranty replacements for RPM sensor wire, speed guvnor wire, T-couple wire, and exhaust insulation.
check womens toliet	1/28/2016	Maintenance Services Building	Replaced wax ring and supply line
check outside lighting	1/29/2016	Northwest Lift Station	East door light fixture bad, replaced with new LED fixture. Wet well fixture bad bulb replaced and tested.
Check operation of actuator	1/21/2016	Primary Clarifier 3	Acutator keeps failing, pulled motor and found oil in motor housing leaking from actuator. Checked the next day again, no oil but seal bad, determined better replace enitre acutator and save motor for spare. Tested.
Change Light Fixture	1/20/2016	Laboratory	Installed new 2x2 light fixture and installed new energy efficient bulbs.
Check why Breaker #5 is tripping	1/19/2016	Hypochlorite Feed Blg	Found that the fan motor and the pilot assembly both were bad causing the breaker to trip. Replaced both and tested.
Install antifreeze overflow bottle and clean battery terminals	1/20/2016	College Stationary Generator	Installed new antifreeze overflow bottles and filled to proper level, cleaned off battery terminals.
		Venard Stationary Generator	
Check operation	1/25/2016	Aeration Blower 07	Tried to operate blower but kept shutting off. Determined

Work Assignment	Completion Date	Equipment	NOTATIONS
			it to be surge monitor. Removed old monitor and replaced. Installed new one and tested.
install new lift		2011 Ford F-250	Installed new lift with associated wiring and tested.
10,900hrs. Resolve BOC undervoltage alarm	1/26/2016	CHP Engine Genset	Determined problem was with voltage regulator on generator from correspondence with Tech 3 Solutions. Performed trouble shooting on 24V DC power supply to voltage regulator and determined that circuit was grounded due to bad insulation. Repaired insulation.
Fix mens toliet		Administration Center	Mens toliet fill leaking, replaced with new. Then shut off valve broke and had to replace that as well.
Check yard hydrant at Bisulfite building	1/27/2016	Yard Piping - Plant Effluent	Contractor stripped handle, removed, filed down and reinstalled. Put two hose clamps on to prevent from pulling out handle.
Replace intake valve	1/28/2016	Primary ODS Sludge Pump 1	intake valve will not open or close. Removed valve and replaced with new Dezurk valve from stock. Tested.
10,653 hours. Perform 1500 hour service on CHP.	1/12/2016	CHP Engine Genset	Changed oil/filters. Sent oil sample to lab for testing. Adjusted cylinder head valves. Cleaned and gapped spark plugs. Replaced air filter and crankcase oil breather. Checked gas filter. Lubricated throttle valve. Serviced expansion vessal. Adjusted crankcase pressure. Checked fittings and wirring for tightness and wear.
Scada programming services	1/6/2016	SCADA	B&W/CSI (Jim) complete the PLC programming, iFix screen modifications and Win-911 alarming for the new Digester 4&5 automated pump over control.
Check the Geo-Thermal Unit for east side of lab HVAC system.	1/7/2016	Laboratory	Gee Heating found that the compressor was shorted out, evacuate the refrigerant from the system and remove the compressor on 1/6. Install new compressor and re-charge the system with refrigerant on 1/7. Compressor was under warranty.
Replace all lighting with energy efficient fixtures	1/14/2016		Replace all indoor fixtures with energy efficient floresent. All outdoor fixtures at entry doors and on west side of building were replaced with LED fixtures.

DOWNERS GROVE SANITARY DISTRICT

M E M O

DATE: February 1, 2016

TO: Nicholas J. Menninga
General Manager

FROM: Robert Swirsky
Sewer System Maintenance Supervisor

RE: Monthly Report – January, 2016

1.	JULIE Line Markings:	Current	Year to Date
	Received	405	405
	In District	357	357
	Marked	157	157
	Man Hours	79	79

2.	Building Service:	Current	Year to Date
	a. BSSRAP TV Inspections	19	19
	b. Emergency BSSRAP Repairs	06	06
	c. Total BSSRAP Repairs	08	08
	d. I&I inspections	03	03
	e. I&I C.O. installation	00	00
	f. Replace broken cleanout caps	00	00
	g. OHSP TV Inspections	00	00
	h. Post Rodding TV	04	04

3.	Sewer backups:	Current	Year to Date
	a. Public sewer	0	0
	b. Private sewer	9	9
	c. Surcharged main	0	0
	d. Pump station	0	0
	Total	9	9

		Current	Year to Date
4.	Sewer Cleaning (DGSD personnel):	0	0 Ft.
	a. Sewer Cleaning (outside contractors):	0	0 Ft.
5.	Main Sewer Televising (DGSD personnel):	0	0 Ft.
	a. Sewer Televising (outside contractors):	0	0 Ft.
6.	LETS TV	0	0
7.	Manhole inspections	0	0

8. Sewer and manhole repairs and replacements by Uno Construction:
Remove the broken inside drop from MH W1-009.
4532 Sherwood Ave. repair building sanitary service damaged by VDG water main repair.

9. On January 27th, National Power Rodding working as a subcontractor for Insituform began cleaning and televising the mainlines that are to be lined on Cumnor Road, 8th Street and Fairview Avenue.

10. Miscellaneous: (sewer system personnel)
a. Install and upload flow-meters.
b. Assist with snow removal at the Office and WWTC.
c. Surface inspection of Centex, Earlston and Liberty park force main routes completing an internal inspection of the structures.

CC: WDVB, ASK, DFP, RTJ, KJR, MS, TTC, WCC, MCW

DOWNERS GROVE SANITARY DISTRICT
M E M O

DATE: February 4, 2016

TO: Nicholas J. Menninga
General Manager

FROM: Ted Cherwak
Sewer Construction Supervisor

RE: Monthly Report: Construction \ Code Enforcement – January 2016

1. Permits issued:	Current	Year to Date
a. Single family	7	7
b. Multiple family	0	0
c. Commercial	2	2
d. Repair	1	1
e. Disconnection	3	3
Total	13	13

2. Inspections made:	Current	Year to Date
a. Connections	6	6
b. Finals	4	4
c. Repairs	0	0
d. Disconnects	3	3
e. Groundwork	0	0
f. Walk-Thru	1	1
g. Pre-connections	1	1
h. Overhead Sewer Program	2	2
i. Code Enforcement	0	0
j. Lateral testing	4	4
Total	21	21

3. New Sewer Extension Construction:

a. None

4. New Sewer Extension Testing - air, deflection, manhole, televising and lamping:

a. None

5. Code Enforcement:

a. Miscellaneous walk-thru inspections
b. Overhead Sewer Program
c. Grease Trap Inspections

6. Plan & Permit Reviews:

   a. 4616 Saratoga, single family review
   b. 1940 Elmore, single family review
   c. 111 S Grant, single family review
   d. 5422 Fairmount, single family review
   e. 4511 Stanley, single family review
   f. 4330 Lacey, commercial septic conversion, Commercial Car & Glass Company

7. Building Sanitary Service Access Agreements:

   a. 1041 Carol, Downers Grove
   b. 4803 Lee, Downers Grove
   c. 1039 Carol, Downers Grove
   d. 1907 Curtiss, Downers Grove
   e. 4617 Saratoga, Downers Grove
   f. 4733 Prince, Downers Grove
   g. 5004 Florence, Downers Grove
   h. 25 W 63rd Street, Westmont

8. Illinois EPA Permits:

   a. 940 Maple, Marquis of Maple Condos 165.0 PE

9. Miscellaneous:

   a. National Power Rodding, pre-cleaning & televising for Insituform lining contract
   b. Acadia on the Green Condos & Lemon Tree Grocer, inspection & dye testing

CC: WDVB, ASK, DFP, KJR, RTJ, MJS, RPS, WCC & MGP

Permits Issued: JANUARY 2016

YEAR	PERMIT #	ADDRESS		STREET	CITY	ISSUE	TYPE	TAP FEE	INSP FEE
2015	198	1041		CAROL	DG	1/4/2016	SF-RB		$185.00
2015	200	25	W	63RD ST	W	1/7/2016	COM		$307.00
2015	160	4803		LEE	DG	1/8/2016	SF-RB		$185.00
2015	188	1907		CURTISS	DG	1/11/2016	SF-RB		$185.00
2016	1	4617		SARATOGA	DG	1/14/2016	SF-RB		$185.00
2015	197	1039		CAROL	DG	1/11/2016	SF	$2,835.00	$185.00
2016	5	228		5TH ST	DG	1/18/2016	DISCON		
2015	190	4733		PRINCE	DG	1/20/2016	SF-RB		$185.00
2015	191	5004		FLORENCE	DG	1/20/2016	SF	$2,835.00	$185.00
2016	6	5529		MIDDAUGH	DG	1/21/2016	DISCON		
2016	8	1940		ELMORE	DG	1/26/2016	DISCON		
2015	169	555		31ST STREET	DG	1/26/2016	COM	$7,290.00	$307.00
2016	10	836		PRAIRIE	DG	1/27/2016	REPAIR		
						TOTAL:		$12,960.00	$1,909.00

Permit Type Index: SF=Single Family, RB=Rebuild, SC=Septic Conversion, ADD=Addition, Discon=Disconnect for Demolition, Comm=Commercial, MF=Multiple Family

Permit Final Inspections: JANUARY 2016

YEAR	PERMIT #	ADDRESS	STREET	CITY	FINAL
2015	23	4712	LINSCOTT	DG	1/11/2016
2015	96	1012	CURTISS	DG	1/14/2016
2015	119	4637	PRINCE	DG	1/21/2016
2015	51	4050	STERLING	DG	1/21/2016

Progress Report

To: Nick Menninga, General Manager
From: Reese Berry, Laboratory Supervisor
Date: February 10, 2016
Re: January 2016 Laboratory Report

A summary report is attached for the laboratory activities initiated during January 2016. There was 1 excess flow sampling event in the month of January.

Biosolids:

The annual biosolids report for 2015 was prepared and submitted to US EPA Region 7 Biosolids Center as required. All literature was updated and forwarded for dispersal for the coming delivery season.

We conducted our required January sample collection for biosolids and all data received has been acceptable.

Excess Flow Event:

All samples collected had acceptable results for all the required parameters. The lab did incur some overtime due to these events.

Pretreatment:

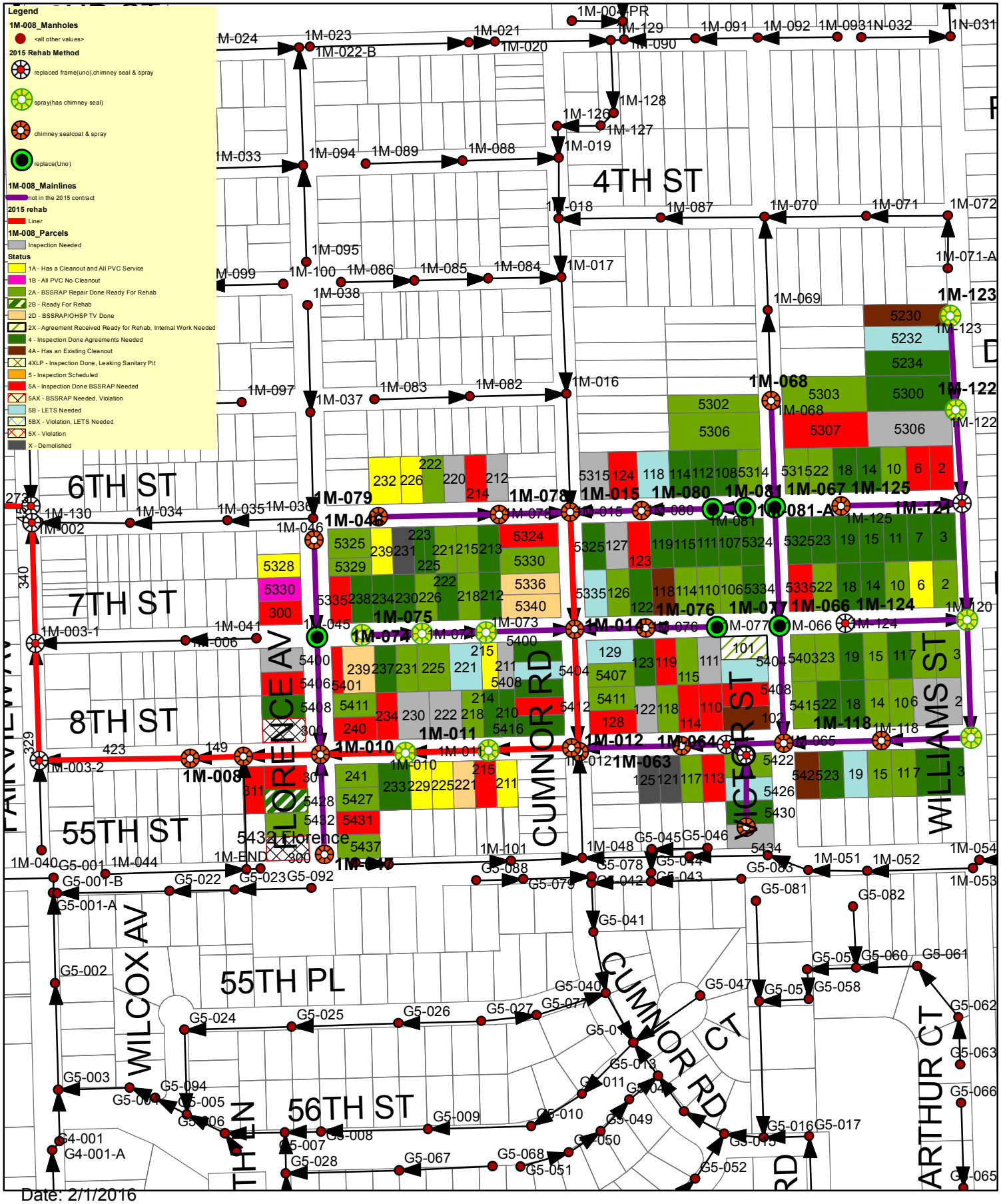
I have been in contact with Valid USA and verified their 3 sampling events for Total Mercury analysis were well below our local limit or non-detectable for mercury. We are now moving forward with completing the renewal of their permit.

Conference:

Malwina Serpa and Kenny Lookingbill attended a day long expo in Kenosha, WI. The conference/expo is an event we attend annually with our MWAA, Midwest Water Analyst Association, membership. They reported back on presentations and Q/A sessions they attended relating to our work in the laboratory. We have implemented some slight changes from this meeting to obtain more accurate, quality data for our reporting requirements.

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

1M-008 Parcel Status
And
2015 Sewer and Manhole Rehabilitation



Date: 2/1/2016

Downers Grove Sanitary District
Rehabilitation and I&I Removal
Target Area1K-028

Legend

- Manholes
- Mainlines
- Parcels_2015

1K-028 Parcels

- Inspection Needed

Status

- 1A Has a Cleannout And All PVC Service
- 2A BSSRAP Repair Done
- 2D BSSRAP/OHSP TV Done
- 4 Inspection Done Agreements Needed
- 4A Has An Existing Cleanout
- 5 Sheduled For An Inspection
- 5A Inspection Done Qualifies for BSSRAP
- 5B Unable to TV
- X Demolished

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	11	5%
1B	Y	Y	N	N	N	N/A	0	0%
2A	Y	Y	Y	Y	Y	N	29	13%
2B	Y	Y	Y	Y	Y	N	0	0%
2D	Y	Y	Y	N	N	N	3	1%
2X	Y	Y	Y	Y	Y		0	0%
4	Y	Y	N	N	N	N	7	3%
4A	N	N	N	N	N/A	N	5	2%
5	Y	N	N	N	N	N	9	4%
5A	Y	Y	N	N	N	N	3	1%
5AX	Y	Y	N	N	N	N	0	0%
5B	Y	N	N	N	N	N	4	2%
5BX	Y	N	N	N	N	N	0	0%
0	N	N	N	N	N	N	155	67%
X	-	-	-	-	-	-	5	2%
5X	-	-	-	-	-	-	0	0%
							231	100%

7% 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
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 - LETS TV needed
5BX - Violation, LETS TV needed
0 - Inspection Needed
X - Demolished
5X - Inspection done - Violation not corrected

2015 Basin I&I Ranking = 1

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

2/1/2016

DOWNERS GROVE SANITARY DISTRICT CASH BALANCES AND INVESTMENT SCHEDULE

DATE: 01/31/16

CASH BALANCES

ACCOUNT NAME	ACCOUNT NUMBER	BALANCE PER BANK STATEMENT
DEPOSIT	XXXXXXXXX1116	$1,626,068.43
DISBURSEMENT	XXXXXXXXX1111	163,493.34
FLEXIBLE BENEFITS	XXXXXXXXX6025	8,991.24
PAYROLL	XXXXXXXXX1117	217,377.52
PETTY CASH	XXXXXXXXX1112	3,432.30
USER REFUNDS	XXXXXXXXX1114	7,809.98
TOTAL - CASH AT BANK		$2,027,172.81

INVESTMENTS

SECURITY TYPE	TERM	MATURITY	COST	ANNUAL YIELD		GENERAL CORPORATE FUND	IMPROVEMENT FUND	CONSTRUCTION FUND	PUBLIC BENEFIT FUND	SEWER EXTENSION FUND	GENERAL CORPORATE EPAY	INTEREST EARNED AT YIELD
CD	12 MOS[E]	5/13/2016	$250,000.00	0.900%			$250,000.00					$2,250.00
CD	12 MOS[C]	5/23/2016	$250,000.00	0.650%			$250,000.00					$1,625.00
CD	12 MOS[K]	1/15/2017	$250,000.00	0.650%			$207,719.45		$35,260.73	$7,019.82		$1,625.00
TOTAL CDs			$750,000.00	0.733%	*	$0.00	$707,719.45	$0.00	$35,260.73	$7,019.82		$5,500.00
MM	6 MOS[L]	2/12/2016	$250,000.00	0.300%				$250,000.00				$375.00
MM	6 MOS[B]	3/5/2016	$250,000.00	0.400%		$250,000.00						$500.00
MM	6 MOS[I]	3/9/2016	$250,000.00	0.320%		$250,000.00						$400.00
MM	6 MOS[M]	3/13/2016	$250,000.00	0.340%		$250,000.00						$425.00
MM	6 MOS[D]	3/23/2016	$250,000.00	0.450%				$250,000.00				$562.50
MM	6 MOS[A]	3/30/2016	$250,000.00	1.000%		$250,000.00						$1,250.00
MM	6 MOS[J]	5/8/2016	$250,000.00	0.300%		$250,000.00						$375.00
MM	6 MOS[G]	5/20/2016	$250,000.00	0.450%			$250,000.00					$562.50
MM	6 MOS[H]	6/4/2016	$250,000.00	0.250%				$250,000.00				$312.50
MM	6 MOS[F]	6/20/2016	$250,000.00	0.250%			$250,000.00					$312.50
TOTAL MM ACCOUNTS			$3,500,000.00	0.145%	*	$1,250,000.00	$500,000.00	$750,000.00	$0.00	$0.00	$0.00	$5,075.00
ILLINOIS FUNDS - MONEY MARKET			$29,553.10	0.204%		$26,019.67	$0.00	$0.00	$0.00	$0.00	$3,533.43	$60.29
SUBTOTAL - CD'S, MM AND IL FUND			$4,279,553.10	0.249%	*	$1,276,019.67	$1,207,719.45	$750,000.00	$35,260.73	$7,019.82	$3,533.43	$10,635.29
VOUCHERS-SA53		01/02/16	5,946.44	5.500%		169.55	0.00	5,776.89				327.05
VOUCHERS-SA54		01/02/17	27,046.33	6.000%		839.32	0.00	26,207.01				1,622.78
VOUCHERS-SA55		01/02/17	37,885.74	6.000%		1,128.82	0.00	36,756.92				2,273.14
VOUCHERS-SA56		01/02/18	14,861.76	6.000%		1,038.46	0.00	13,823.30				891.71
VOUCHERS-SA57		01/02/18	38,786.26	6.000%		2,138.96	6,320.02	30,327.28				2,327.18
VOUCHERS-SA58		01/02/19	84,920.99	1.240%		4,748.25	80,172.74	0.00				1,053.02
TOTAL VOUCHERS			$209,447.52	4.056%	*	$10,063.36	$86,492.76	$112,891.40	$0.00	$0.00	$0.00	$8,494.88
TOTALS - ALL INVESTMENTS			$4,489,000.62	0.426%	*	$1,286,083.03	$1,294,212.21	$862,891.40	$35,260.73	$7,019.82	$3,533.43	$19,130.17

***** ALL SUBTOTAL AND TOTAL YIELD RATES ARE BASED ON ACTUAL INTEREST YIELD, NOT ANNUAL INTEREST YIELD

CDs AT BANKS - [C]TAB BANK [E]FIRST INTERNET BANK

MONEY MARKET ACCTS AT BANKS [A]LUANA SAVINGS BANK [F]TRISTATE CAPITAL BANK [I]PBI BANK [L]STEARNS BANK

[B]LISLE SAVINGS BANK [G]WEST SUBURBAN BANK [J]NATIONWIDE BANK [M]BANKFINANCIAL**

[D]CIT BANK, FKA ONEWEST BANK [H]PARK FEDERAL SAVINGS BANK [K]BRIDGEVIEW BANK

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

TOTAL CASH AND INVESTMENTS $6,516,173.43

Board of Trustees
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President
Amy S. Kovacevic
Vice President
Donald F. Peters
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

Staff
Nicholas J. Menninga
General Manager
W. Clay Campbell
Administrative Services Director
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: February 12, 2016
Subject: Treasurer's Report for January, 2016

Attached please find the subject report that tracks income and expenses for the first nine months of Fiscal Year 15-16.

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

Year-to-date	Income	Expense
General Fund	$ 6,195,119.04 (page 1)	$ 5,382,633.76 (page 6)
Improvement Fund	$ 250,529.43 (page 7)	$ 46,595.52 (page 7)
Construction Fund	$ 602,439.75 (page 8)	$ 473,538.26 (page 9)
Public Benefit Fund	$ 8.48 (page 10)	$ 0.00 (page 10)
TOTAL	$ 7,048,096.70	$ 5,902,767.54

C: BOLI, WCC, MGP

Fund number & Description	Ending Fund Balance
Fund 01 : GENERAL FUND	$2,726,202.40
Fund 02 : IMPROVEMENT FUND	$1,493,337.27
Fund 03 : CONSTRUCTION FUND	$1,223,229.62
Fund 05 : PUBLIC BENEFIT FUND	$35,260.73
Recap Totals	$5,478,030.02

FUND 01 GENERAL FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL-BUDGET VARIANCE	VAR %	TOTAL BUDGET
DEPT 05	REVENUES							
3000	PROPERTY TAXES	.00	0	1,105,160.68-	1,102,550-	2,610.68-	.2	1,102,550-
3001	USER RECEIPTS	256,823.20-	266,000-	2,437,566.74-	2,522,000-	84,433.26	3.4-	3,237,900-
3002	SURCHARGES	26,985.99-	25,850-	267,897.69-	232,450-	35,447.69-	15.3	310,000-
3004	PLAN REVIEW FEES	.00	0	642.00-	750-	108.00	14.4-	1,000-
3005	CONSTRUCTION INSPECTION FEES	.00	0	462.00-	360-	102.00-	28.3	500-
3006	PERMIT INSPECTION FEES	1,909.00-	1,667-	18,409.00-	15,003-	3,406.00-	22.7	20,000-
3007	INTEREST ON INVESTMENTS	442.55-	804-	3,428.89-	7,236-	3,807.11	52.6-	9,650-
3013	SAMPLING & MONITORING	7,163.70-	5,417-	58,863.31-	48,753-	10,110.31-	20.7	65,000-
3014	REPLACEMENT TAXES	11,487.06-	9,700-	63,262.63-	59,100-	4,162.63-	7.0	79,800-
3015	MISCELLANEOUS INCOME	150.00-	330-	4,195.91-	2,970-	1,225.91-	41.3	4,000-
3021	TELEVISION INSPECTION	.00	0	159.00-	150-	9.00-	6.0	150-
3023	PROPERTY LEASE PAYMENTS	2,757.08-	2,792-	24,824.77-	25,128-	303.23	1.2-	33,500-
3024	MONTHLY SERVICE FEES	228,561.75-	251,000-	2,102,425.72-	2,149,000-	46,574.28	2.2-	2,861,300-
3027	GREASE WASTE	11,267.75-	11,667-	107,820.70-	105,003-	2,817.70-	2.7	140,000-
	DEPT 05 TOTALS	547,548.08-	575,227-	6,195,119.04-	6,270,453-	75,333.96	1.2-	7,865,350-
	FUND REVENUE TOTAL	547,548.08-	575,227-	6,195,119.04-	6,270,453-	75,333.96	1.2-	7,865,350-
DEPT 11	O & M EXPENSE - 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	19,282.19	19,208	157,951.14	182,476	24,524.86-	13.4-	240,100
A004	FINANCIAL RECORDS	16,181.78	15,728	151,990.55	149,416	2,574.55	1.7	196,600
A005	ADMINISTRATIVE RECORDS	1,911.59	4,852	31,071.08	46,094	15,022.92-	32.6-	60,650
A007	CODE ENFORCEMENT	24,271.94	23,544	227,869.18	223,668	4,201.18	1.9	294,300
A008	SAFETY ACTIVITIES	119.74	192	1,229.67	1,824	594.33-	32.6-	2,400
A030	BUILDING & GROUNDS	449.43	13	3,562.62	113	3,449.62	3,052.8	150
	SECT A TOTALS	62,216.67	63,537	587,174.24	617,766	30,591.76-	5.0-	813,100
SECT B	OPERATIONS AND MAINTENANCE							
B100	ELECTRICITY	248.22	300	2,928.29	3,750	821.71-	21.9-	4,400
B101	NATURAL GAS	52.92	350	229.38	2,100	1,870.62-	89.1-	3,000
B102	WATER, GARBAGE AND OTHER UTILITIES	155.97	120	684.49	860	175.51-	20.4-	1,000
B110	BANK CHARGES	1,586.26	1,700	17,047.98	15,300	1,747.98	11.4	20,200
B112	COMMUNICATION	1,793.52	1,200	10,687.57	10,800	112.43-	1.0-	14,500
B115	EQUIPMENT/EQUIPMENT REPAIR	9,791.81	5,900	57,025.18	59,200	2,174.82-	3.7-	71,500
B116	SUPPLIES	901.19	865	2,359.35	7,785	5,425.65-	69.7-	10,400
B117	EMPLOYEE/DUTY COSTS	3,988.87	1,300	17,150.44	12,800	4,350.44	34.0	17,000
B118	BUILDING & GROUNDS	599.50	2,100	9,648.39	19,300	9,651.61-	50.0-	24,200
B119	POSTAGE	7.67	1,200	6,213.08	10,800	4,586.92-	42.5-	14,500
B120	PRINTING/PHOTOGRAPHY	142.88	400	10,057.05	10,250	192.95-	1.9-	11,150
B121	USER BILLING MATERIALS	5,455.22	6,000	50,593.96	54,000	3,406.04-	6.3-	72,000
B124	CONTRACT SERVICES	1,781.00	7,333	48,901.32	65,997	17,095.68-	25.9-	88,000

FUND 01 GENERAL FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL-BUDGET VARIANCE	VAR %	TOTAL BUDGET
B137	MEMBERSHIPS/SUBSCRIPTIONS	.00	100	10,949.96	10,850	99.96	.9	12,000
	SECT B TOTALS	26,505.03	28,868	244,476.44	283,792	39,315.56-	13.9-	363,850
	SECT C VEHICLES							
C222	GAS/FUEL	90.21	250	759.50	1,850	1,090.50-	59.0-	2,600
C225	OPERATION/REPAIR	78.99	0	323.32	850	526.68-	62.0-	1,150
C226	VEHICLE PURCHASES	.00	0	9,255.65	12,000	2,744.35-	22.9-	12,000
	SECT C TOTALS	169.20	250	10,338.47	14,700	4,361.53-	29.7-	15,750
	DEPT 11 TOTALS	88,890.90	92,655	841,989.15	916,258	74,268.85-	8.1-	1,192,700
	DEPT 12 O & M EXPENSES - WWTC							
	SECT A SALARIES AND WAGES							
A009	OPERATIONS MANAGEMENT	7,394.62	1,624	87,172.12	15,428	71,744.12	465.0	20,300
A010	MAINTENANCE - BUDGET	.00	40,200	.00	381,900	37,740.01-	9.9-	502,500
A011	MAINTENANCE - WWTC	27,492.55	0	307,132.55	0	.00	.0	0
A012	MAINTENANCE - VEHICLES	420.57	0	1,478.49	0	.00	.0	0
A014	MAINTENANCE - ELECTRICAL	4,057.38	0	35,548.95	0	.00	.0	0
A020	WWTC - BUDGET	.00	42,632	.00	405,004	19,418.27-	4.8-	532,900
A021	WWTC OPERATIONS	27,909.20	0	235,499.76	0	.00	.0	0
A022	WWTC SLUDGE HANDLING	11,141.99	0	150,085.97	0	.00	.0	0
A030	BUILDING & GROUNDS	1,177.91	3,444	29,261.56	32,718	3,456.44-	10.6-	43,050
	SECT A TOTALS	79,594.22	87,900	846,179.40	835,050	11,129.40	1.3	1,098,750
	SECT B OPERATIONS AND MAINTENANCE							
B100	ELECTRICITY	20,814.10	16,250	161,144.72	146,250	14,894.72	10.2	195,000
B101	NATURAL GAS	468.84	1,417	1,764.46	12,753	10,988.54-	86.2-	17,000
B102	WATER, GARBAGE AND OTHER UTILITIES	4,292.29	4,450	30,698.19	26,850	3,848.19	14.3	33,500
B103	ODOR CONTROL	1,302.64	1,200	2,948.13	10,800	7,851.87-	72.7-	14,500
B104	FUEL - GENERATORS	206.27	0	7,019.84	11,550	4,530.16-	39.2-	15,300
B112	COMMUNICATION	999.73	1,100	7,675.53	10,850	3,174.47-	29.3-	14,150
B113	EMERGENCY/SAFETY EQUIPMENT	6,836.52	1,500	15,252.53	13,500	1,752.53	13.0	17,600
B116	SUPPLIES	2,113.67	3,258	32,161.83	29,322	2,839.83	9.7	39,100
B117	EMPLOYEE/DUTY COSTS	734.33	2,100	12,739.87	20,700	7,960.13-	38.5-	28,200
B124	CONTRACT SERVICES	.00	0	82,796.00	84,800	2,004.00-	2.4-	84,800
B130	NPDES PERMIT FEES	.00	0	53,000.00	53,000	.00	.0	53,000
B400	CHEMICALS - BUDGET	.00	5,550	.00	49,950	4,154.65	8.3	66,600
B401	CHEMICALS - DISINFECTION	9,076.84	0	43,450.65	0	.00	.0	0
B402	CHEMICALS - SLUDGE DEWATERING	.00	0	7,560.00	0	.00	.0	0
B403	CHEMICALS - TERTIARY TREATMENT	.00	0	3,094.00	0	.00	.0	0
B501	EQPT/EQPT REPAIR - BIOSOLIDS AGING & DISPOS	1,243.23	5,750	169,408.34	163,570	5,838.34	3.6	180,959
B502	EQPT/EQPT REPAIR - DISINFECTION	176.31	1,451	27,187.17	13,059	14,128.17	108.2	17,414
B503	EQPT/EQPT REPAIR - EXCESS FLOW	.00	1,874	17,482.80	16,866	616.80	3.7	22,487
B504	EQPT/EQPT REPAIR - GRIT REMOVAL	1,206.15	2,061	8,152.16	18,549	10,396.84-	56.1-	24,731
B505	EQPT/EQPT REPAIR - INFLUENT PUMPING	.00	6,557	35,492.41	59,013	23,520.59-	39.9-	78,686

FUND 01 GENERAL FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL-BUDGET VARIANCE	VAR %	TOTAL BUDGET
B506	EQPT/EQPT REPAIR - PRIMARY TREATMENT	269.82-	4,185	6,855.47	37,665	30,809.53-	81.8-	50,218
B507	EQPT/EQPT REPAIR - SECONDARY TREATMENT	360.32	4,451	4,588.84	40,059	35,470.16-	88.5-	53,414
B508	EQPT/EQPT REPAIR - SLUDGE CONCENTRATION	.00	221	11,977.94	1,989	9,988.94	502.2	2,652
B509	EQPT/EQPT REPAIR - SLUDGE DEWATERING	.00	2,600	16,868.22	23,400	6,531.78-	27.9-	31,200
B510	EQPT/EQPT REPAIR - SLUDGE DIGESTION	10,038.30	8,703	198,055.86	78,327	119,728.86	152.9	104,436
B511	EQPT/EQPT REPAIR - TERTIARY TREATMENT	.00	1,591	838.51	14,319	13,480.49-	94.1-	19,096
B512	EQPT/EQPT REPAIR - WWTC GENERAL	1,118.65	2,652	34,441.60	23,868	10,573.60	44.3	31,827
B513	EQPT/EQPT REPAIR - WWTC UTILITIES	629.33	9,582	80,916.98	86,238	5,321.02-	6.2-	114,980
B801	BLDG & GROUNDS - BIOSOLIDS AGING AND DISPOS	.00	0	64,124.24	0	64,124.24	.0	0
B802	BLDG & GROUNDS - DISINFECTION	53.16	44	53.16	396	342.84-	86.6-	530
B803	BLDG & GROUNDS - EXCESS FLOW	.00	88	213.33	792	578.67-	73.1-	1,061
B804	BLDG & GROUNDS - GRIT REMOVAL	.00	505	5,448.05	4,545	903.05	19.9	6,061
B805	BLDG & GROUNDS - INFLUENT PUMPING	29.45	1,791	12,068.99	16,119	4,050.01-	25.1-	21,487
B806	BLDG & GROUNDS - PRIMARY TREATMENT	.00	750	.00	6,750	6,750.00-	100.0-	9,000
B807	BLDG & GROUNDS - SECONDARY TREATMENT	261.33	44	17,243.37	396	16,847.37	4,254.4	530
B809	BLDG & GROUNDS - SLUDGE DEWATERING	.00	44	3,965.49	396	3,569.49	901.4	530
B810	BLDG & GROUNDS - SLUDGE DIGESTION	.00	554	5,539.62	4,986	553.62	11.1	6,652
B811	BLDG & GROUNDS - TERTIARY TREATMENT	.00	775	3,794.98	6,975	3,180.02-	45.6-	9,305
B812	BLDG & GROUNDS - WWTC GENERAL	4,194.76	10,142	71,075.72	91,278	20,202.28-	22.1-	121,702
B813	BLDG & GROUNDS - WWTC UTILITIES	1,575.88	133	2,975.62	1,197	1,778.62	148.6	1,592
	SECT B TOTALS	67,462.28	103,373	1,260,074.62	1,181,077	78,997.62	6.7	1,489,300
	SECT C VEHICLES							
C222	GAS/FUEL	1,364.36	3,542	16,519.56	31,878	15,358.44-	48.2-	42,500
C225	OPERATION/REPAIR	1,656.63	542	8,841.00	4,878	3,963.00	81.2	6,500
C226	VEHICLE PURCHASES	.00	0	28,472.75	22,500	5,972.75	26.6	22,500
	SECT C TOTALS	3,020.99	4,084	53,833.31	59,256	5,422.69-	9.2-	71,500
	DEPT 12 TOTALS	150,077.49	195,357	2,160,087.33	2,075,383	84,704.33	4.1	2,659,550
	DEPT 13 O & M EXPENSES - LABORATORY							
	SECT A SALARIES AND WAGES							
A009	OPERATIONS MANAGEMENT	5,724.21	4,272	47,044.24	40,584	6,460.24	15.9	53,400
A040	LABORATORY - BUDGET	.00	11,384	.00	108,148	10,375.77-	9.6-	142,300
A041	LAB - WWTC	9,512.76	0	84,224.31	0	.00	.0	0
A042	LAB - PRETREATMENT	748.87	0	5,150.41	0	.00	.0	0
A043	LAB - SURCHARGE PROGRAM	.00	0	6,035.17	0	.00	.0	0
A044	LAB - BOD	.00	0	961.15	0	.00	.0	0
A045	LAB - SOLIDS	.00	0	545.07	0	.00	.0	0
A046	LAB - AMMONIA	.00	0	820.74	0	.00	.0	0
A047	LAB - MICRO	.00	0	35.38	0	.00	.0	0
	SECT A TOTALS	15,985.84	15,656	144,816.47	148,732	3,915.53-	2.6-	195,700
	SECT B OPERATIONS AND MAINTENANCE							
B114	CHEMICALS	.00	1,380	7,750.91	12,420	4,669.09-	37.6-	16,550

FUND 01 GENERAL FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL-BUDGET VARIANCE	VAR %	TOTAL BUDGET
B115	EQUIPMENT/EQUIPMENT REPAIR	669.12	4,692	4,918.72	42,228	37,309.28-	88.4-	56,300
B116	SUPPLIES	463.00	1,625	9,097.41	14,625	5,527.59-	37.8-	19,500
B117	EMPLOYEE/DUTY COSTS	43.39	550	1,396.59	4,950	3,553.41-	71.8-	6,500
B122	MONITORING EQUIPMENT	.00	0	3,394.70	6,375	2,980.30-	46.8-	8,500
B123	OUTSIDE LAB SERVICES	1,202.88	1,200	9,796.76	12,150	2,353.24-	19.4-	15,600
	SECT B TOTALS	2,378.39	9,447	36,355.09	92,748	56,392.91-	60.8-	122,950
	SECT C VEHICLES							
C222	GAS/FUEL	21.90	83	244.56	747	502.44-	67.3-	1,000
C225	OPERATION/REPAIR	10.35	0	121.24	150	28.76-	19.2-	200
	SECT C TOTALS	32.25	83	365.80	897	531.20-	59.2-	1,200
	DEPT 13 TOTALS	18,396.48	25,186	181,537.36	242,377	60,839.64-	25.1-	319,850
	DEPT 14 O & M EXPENSES - SEWER SYSTEM							
	SECT A SALARIES AND WAGES							
A050	SEWER MAINTENANCE - BUDGET	.00	8,520	.00	80,940	39,860.01	49.3	106,500
A051	SEWER MAINTENANCE	10,145.42	0	106,162.59	0	.00	.0	0
A054	SEWER MAINTENANCE - BACK-UPS & HIGH FLOWS	1,258.77	0	14,637.42	0	.00	.0	0
A060	INSPECTION - BUDGET	.00	26,380	.00	250,610	45,874.60-	18.3-	329,750
A061	INSPECTION - NEW CONSTRUCTION	582.40	0	1,974.89	0	.00	.0	0
A062	INSPECTION - CONSTRUCTION OF DGSD PROJECTS	4,374.62	0	47,184.59	0	.00	.0	0
A063	INSPECTION - PERMIT INSPECTIONS	1,991.50	0	18,325.10	0	.00	.0	0
A064	INSPECTION - MISCELLANEOUS	5,320.85	0	45,666.61	0	.00	.0	0
A065	INSPECTION-CONSTR BY VILLAGES, UTILITIES	2,427.86	0	51,590.63	0	.00	.0	0
A066	INSPECTION - CODE ENFORCEMENT	5,915.54	0	39,993.58	0	.00	.0	0
A070	SEWER INVESTIGATIONS - BUDGET	.00	816	.00	7,752	694.61	9.0	10,200
A072	SEWER INVESTIGATIONS	1,005.56	0	8,446.61	0	.00	.0	0
	SECT A TOTALS	33,022.52	35,716	333,982.02	339,302	5,319.98-	1.6-	446,450
	SECT B OPERATIONS AND MAINTENANCE							
B112	COMMUNICATION	483.39	1,475	5,528.92	7,375	1,846.08-	25.0-	8,850
B113	EMERGENCY/SAFETY EQUIPMENT	.00	642	808.90	5,778	4,969.10-	86.0-	7,700
B115	EQUIPMENT/EQUIPMENT REPAIR	5,805.45	3,950	49,685.51	44,950	4,735.51	10.5	56,800
B116	SUPPLIES	1,172.17	988	4,645.15	8,892	4,246.85-	47.8-	11,850
B117	EMPLOYEE/DUTY COSTS	457.81	1,200	6,132.90	11,600	5,467.10-	47.1-	15,500
B124	CONTRACT SERVICES	1,413.75	11,000	131,836.30	99,000	32,836.30	33.2	130,000
B127	JULIE SYSTEM	.00	1,083	8,119.95	9,747	1,627.05-	16.7-	13,000
B128	OVERHEAD SEWER/BACKFLOW PREVENTION PROGRAM	.00	4,000	13,763.50	15,250	1,486.50-	9.8-	27,000
B129	REIMBURSEMENT PROGRAM/PUBLIC SEWER BLOCKAGE	237.25	0	911.25	9,000	8,088.75-	89.9-	12,000
B900	SEWER SYSTEM REPAIRS - BUDGET	.00	50,300	.00	1,124,700	594,688.64-	52.9-	1,369,600
B901	SEWER SYSTEM REPAIRS - I/I PROGRAM	.00	0	5,322.50	0	.00	.0	0
B902	SEWER SYSTEM REPAIRS - REPLACEMENT	8,583.35	0	11,383.35	0	.00	.0	0
B903	SEWER SYSTEM REPAIRS - REHABILITATION	.00	0	7,207.97	0	.00	.0	0
B904	SEWER SYSTEM REPAIRS - TV INSPECTION	.00	0	6,291.19	0	.00	.0	0

FUND 01 GENERAL FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL-BUDGET VARIANCE	VAR %	TOTAL BUDGET
B910	SEWER SYSTEM REPAIRS - BSSRAP PROGRAM	36,912.43	0	393,606.23	0	.00	.0	0
B913	SEWER SYSTEM REPAIRS - BSSRAP-REPAIR/REPL/R	.00	0	15,404.53	0	.00	.0	0
B929	ARRA LOAN PRINCIPAL REPAYMENT	.00	0	90,795.59	0	.00	.0	0
	SECT B TOTALS	55,065.60	74,638	751,443.74	1,336,292	584,848.26-	43.8-	1,652,300
	SECT C VEHICLES							
C222	GAS/FUEL	942.44	2,208	11,209.17	19,872	8,662.83-	43.6-	26,500
C225	OPERATION/REPAIR	86.66	442	2,073.29	3,978	1,904.71-	47.9-	5,300
C226	VEHICLE PURCHASES	.00	0	10,633.00	18,000	7,367.00-	40.9-	18,000
	SECT C TOTALS	1,029.10	2,650	23,915.46	41,850	17,934.54-	42.9-	49,800
	DEPT 14 TOTALS	89,117.22	113,004	1,109,341.22	1,717,444	608,102.78-	35.4-	2,148,550
	DEPT 15 O & M EXPENSES - LIFT STATIONS							
	SECT A SALARIES AND WAGES							
A009	OPERATIONS MANAGEMENT	.00	32	94.24	304	209.76-	69.0-	400
A030	BUILDING & GROUNDS	.00	0	560.16	0	560.16	.0	0
A080	LIFT STATION MAINTENANCE	3,136.24	4,664	33,072.78	44,308	11,235.22-	25.4-	58,300
	SECT A TOTALS	3,136.24	4,696	33,727.18	44,612	10,884.82-	24.4-	58,700
	SECT B OPERATIONS AND MAINTENANCE							
B100	ELECTRICITY	10,518.42	9,200	75,695.47	82,800	7,104.53-	8.6-	110,000
B104	FUEL - GENERATORS	.00	0	2,595.38	4,500	1,904.62-	42.3-	6,000
B112	COMMUNICATION	642.70	525	4,871.17	4,725	146.17	3.1	6,300
B113	EMERGENCY/SAFETY EQUIPMENT	.00	0	.00	250	250.00-	100.0-	250
B116	SUPPLIES	.00	0	167.27	225	57.73-	25.7-	250
B520	EQUIP/EQUIP REPAIR - BUTTERFIELD	.00	570	2,263.53	5,130	2,866.47-	55.9-	6,835
B521	EQUIP/EQUIP REPAIR - CENTEX	.00	419	5,898.97	3,771	2,127.97	56.4	5,025
B522	EQUIP/EQUIP REPAIR - COLLEGE	.00	166	3,454.72	1,494	1,960.72	131.2	1,989
B523	EQUIP/EQUIP REPAIR - EARLSTON	.00	508	3,005.01	4,572	1,566.99-	34.3-	6,100
B524	EQUIP/EQUIP REPAIR - HOBSON	.00	294	9,049.34	2,646	6,403.34	242.0	3,527
B525	EQUIP/EQUIP REPAIR - LIBERTY PARK	200.00	407	1,950.06	3,663	1,712.94-	46.8-	4,883
B526	EQUIP/EQUIP REPAIR - NORTHWEST	117.30-	197	13,221.25	1,773	11,448.25	645.7	2,361
B527	EQUIP/EQUIP REPAIR - VENARD	.00	339	1,684.55	3,051	1,366.45-	44.8-	4,064
B528	EQUIP/EQUIP REPAIR - WROBLE	.00	166	1,133.94	1,494	360.06-	24.1-	1,989
B529	EQUIP/EQUIP REPAIR - LIFT STATIONS GENERAL	7,145.68	7,185	55,730.14	64,665	8,934.86-	13.8-	86,227
B820	BUILDING/GROUNDS - BUTTERFIELD	.00	375	984.81	3,375	2,390.19-	70.8-	4,500
B821	BUILDING/GROUNDS - CENTEX	.00	0	1,278.17	0	1,278.17	.0	0
B822	BUILDING/GROUNDS - COLLEGE	29.11	0	29.11	0	29.11	.0	0
B823	BUILDING/GROUNDS - EARLSTON	.00	0	1,480.77	0	1,480.77	.0	0
B824	BUILIDNGS/GROUNDS - HOBSON	.00	0	1,243.54	0	1,243.54	.0	0
B825	BUILDING/GROUNDS - LIBERTY PARK	20.85	0	1,313.01	0	1,313.01	.0	0
B826	BUILDING/GROUNDS - NORTHWEST	.00	667	9,624.62	6,003	3,621.62	60.3	8,000
B827	BUILDINGS/GROUNDS - VENARD	.00	0	1,205.95	0	1,205.95	.0	0
B828	BUILDING/GROUNDS - WROBLE	.00	208	1,219.96	1,872	652.04-	34.8-	2,500

FUND 01 GENERAL FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	ACTUAL-BUDGET VARIANCE	VAR %	TOTAL BUDGET
B829	BUILDING/GROUNDS - LIFT STATIONS GENERAL	99.95	1,325	99.95	11,925	11,825.05-	99.2-	15,900
	SECT B TOTALS	18,539.41	22,551	199,200.69	207,934	8,733.31-	4.2-	276,700
	DEPT 15 TOTALS	21,675.65	27,247	232,927.87	252,546	19,618.13-	7.8-	335,400
	DEPT 17 O&M EXPENSES - INSURANCE & EMPLOYEE BENEFITS							
	SECT E INSURANCE AND EMPLOYEE BENEFITS							
E452	LIABILITY/PROPERTY	7,661.00	8,000	167,839.00	169,000	1,161.00-	.7-	193,000
E455	EMPLOYEE GROUP HEALTH	35,318.31	38,700	304,019.61	348,300	44,280.39-	12.7-	464,250
E460	IMRF	24,766.41	28,500	240,292.31	239,000	1,292.31	.5	313,900
E461	SOCIAL SECURITY	14,190.45	17,000	144,629.91	149,800	5,170.09-	3.5-	196,950
	SECT E TOTALS	81,936.17	92,200	856,780.83	906,100	49,319.17-	5.4-	1,168,100
	DEPT 17 TOTALS	81,936.17	92,200	856,780.83	906,100	49,319.17-	5.4-	1,168,100
	FUND EXPENSE TOTAL	450,093.91	545,649	5,382,663.76	6,110,108	727,444.24-	11.9-	7,824,150
	FUND 01 TOTALS	97,454.17-	29,578-	812,455.28-	160,345-	652,110.28-	406.7	41,200-

FUND 02 IMPROVEMENT FUND

NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES					
3007	INTEREST ON INVESTMENTS	477.56-	471-	4,051.47-	4,239-	5,650-
3010	TRUNK SEWER SERVICE CHARGES	.00	2,500-	231,339.96-	22,500-	30,000-
3019	LATERAL SEWER CHARGE	.00	0	15,138.00-	0	0
	DEPT 05 TOTALS	477.56-	2,971-	250,529.43-	26,739-	35,650-
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 74	CAPITAL EXP-SEWER-UNSEWERED AREAS					
0500	PROJECT BUDGET	.00	0	.00	0	7,500
	DEPT 74 TOTALS	.00	0	.00	0	7,500
	FUND EXPENSE TOTAL	.00	0	46,595.52	46,600	100,700
	FUND 02 TOTALS	477.56-	2,971-	203,933.91-	19,861	65,050

FUND 03 CONSTRUCTION FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES					
3007	INTEREST ON INVESTMENTS	212.37-	338-	1,415.75-	3,042-	4,050-
3009	SEWER PERMIT FEES	12,960.00-	12,500-	376,024.00-	112,500-	150,000-
3030	ANNUAL REPAYMENTS	.00	0	.00	0	50,000-
3093	GRANT FUNDING	.00	0	225,000.00-	182,000-	366,000-
	DEPT 05 TOTALS	13,172.37-	12,838-	602,439.75-	297,542-	570,050-
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-SECON TURBOBLOWER					
0500	PROJECT BUDGET	.00	0	.00	250,000	250,000
0502	DESIGN ENGINEERING/ARCHITECTURAL	.00	0	660.00	0	0
0506	CONSTRUCTION CONTRACTS/PURCHASES	.00	0	156,719.90	0	0
	DEPT 32 TOTALS	.00	0	157,379.90	250,000	250,000
DEPT 33	CAPITAL EXP - DIGESTER MIXING & GAS PIPING					
0500	PROJECT BUDGET	.00	0	.00	300,000	300,000
0502	DESIGN ENGINEERING/ARCHITECTURAL	.00	0	45,022.41	0	0
0506	CONSTRUCTION CONTRACTS/PURCHASES	87,347.40	0	87,347.40	0	0
0507	NOTICES/PUBLICATIONS	.00	0	215.64	0	0
	DEPT 33 TOTALS	87,347.40	0	132,585.45	300,000	300,000
DEPT 34	CAPITAL EXP - GREASE WASTE DELIVERY RAMP					
0500	PROJECT BUDGET	.00	0	.00	80,000	80,000
0502	DESIGN ENGINEERING/ARCHITECTURAL	.00	0	19,072.69	0	0
0504	CONSTRUCTION ADMIN/RESIDENT ENG/ARCH. SUPER	.00	0	14,251.17	0	0
0506	CONSTRUCTION CONTRACTS/PURCHASES	.00	0	67,617.45	0	0
0507	NOTICES/PUBLICATIONS	.00	0	383.76	0	0
	DEPT 34 TOTALS	.00	0	101,325.07	80,000	80,000
DEPT 35	CAPITAL EXP - WWTC - CHP BIOGAS PHASE 2					

FUND 03 CONSTRUCTION FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
0500	PROJECT BUDGET	.00	0	.00	35,000	200,000
0502	DESIGN ENGINEERING/ARCHITECTURAL	.00	0	67,844.20	0	0
	DEPT 35 TOTALS	.00	0	67,844.20	35,000	200,000
	DEPT 38 CAPITAL EXP-WWTC-PROPERTY ACQUISITION					
	DEPT 38 TOTALS	.00	0	.00	0	0
	DEPT 40 CAPITAL EXP-WWTC-LOAN REPAYMENT					
	DEPT 40 TOTALS	.00	0	.00	0	0
	FUND EXPENSE TOTAL	87,347.40	0	473,538.26	679,450	858,900
	FUND 03 TOTALS	74,175.03	12,838-	128,901.49-	381,908	288,850

FUND 05 PUBLIC BENEFIT FUND

COST NUMBER	DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES					
3007	INTEREST ON INVESTMENTS	2.99-	10-	8.48-	90-	115-
	DEPT 05 TOTALS	2.99-	10-	8.48-	90-	115-
DEPT 59	CAPITAL EXP - SEWER - SEWER EXTENSIONS					
	DEPT 59 TOTALS	.00	0	.00	0	0
DEPT 65	CAPITAL EXP-SEWER-REIMB FOR ADDED SEWER DEPTHS					
	DEPT 65 TOTALS	.00	0	.00	0	0
	FUND EXPENSE TOTAL	.00	0	.00	0	0
	FUND 05 TOTALS	2.99-	10-	8.48-	90-	115-

FUND 52 SPECIAL ASSESSMENT NO. 52

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES						
	DEPT 05 TOTALS		.00	0	.00	0	0
DEPT 91	SA EXPENSE						
	DEPT 91 TOTALS		.00	0	.00	0	0
	FUND EXPENSE TOTAL		.00	0	.00	0	0
	FUND 52 TOTALS		.00	0	.00	0	0

FUND 53 SPECIAL ASSESSMENT NO. 53

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		98.05-	0	279.86-	0	0
	DEPT 05 TOTALS		98.05-	0	279.86-	0	0
DEPT 91	SA EXPENSE						
	DEPT 91 TOTALS		.00	0	.00	0	0
	FUND EXPENSE TOTAL		.00	0	.00	0	0
	FUND 53 TOTALS		98.05-	0	279.86-	0	0

FUND 54 SPECIAL ASSESSMENT NO. 54

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		456.04-	0	2,559.12-	0	0
	DEPT 05 TOTALS		456.04-	0	2,559.12-	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		456.04-	0	2,559.12-	0	0

FUND 55 SPECIAL ASSESSMENT NO. 55

NUMBER	COST DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES					
3008	INTEREST ON ASSESSMENTS	1,446.06-	0	2,976.87-	0	0
	DEPT 05 TOTALS	1,446.06-	0	2,976.87-	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	1,446.06-	0	2,976.87-	0	0

FUND 56 SPECIAL ASSESSMENT NO. 56

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES						
3008	INTEREST ON ASSESSMENTS		934.26-	0	2,098.91-	0	0
	DEPT 05 TOTALS		934.26-	0	2,098.91-	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		934.26-	0	2,098.91-	0	0

FUND 57 SPECIAL ASSESSMENT NO. 57

NUMBER	COST DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES					
3008	INTEREST ON ASSESSMENTS	1,102.60-	0	2,957.97-	0	0
	DEPT 05 TOTALS	1,102.60-	0	2,957.97-	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	1,102.60-	0	2,957.97-	0	0

FUND 58 SPECIAL ASSESSMENT NO. 58

NUMBER	COST DESCRIPTION	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES					
3008	INTEREST ON ASSESSMENTS	378.52-	0	2,268.07-	0	0
	DEPT 05 TOTALS	378.52-	0	2,268.07-	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	378.52-	0	2,268.07-	0	0

FUND 71 SEWER EXTENSIONS ESCROW

NUMBER	DESCRIPTION	COST	ACTUAL CURRENT MONTH	BUDGET CURRENT MONTH	ACTUAL Y-T-D	BUDGET Y-T-D	TOTAL BUDGET
DEPT 05	REVENUES						
	DEPT 05 TOTALS		.00	0	.00	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		.00	0	.00	0	0

ENABLING THE WATER RESOURCES UTILITY OF THE FUTURE WEBINAR SERIES

A New Look at Wastewater: A Valued Resource

The landscape that has traditionally driven wastewater utilities is changing rapidly. Today's utility managers are no longer just concentrating on treating and discharging wastewater. They are now looking for ways to optimize their efficiency, recover valuable resources and contribute to the overall health of watersheds. This path forward is reflected in the Water Resources Utility of the Future Blueprint, first issued in 2013. Please join NACWA, WEF, and U.S. EPA in the first of a series of webinars focused on innovative ways in which utilities are becoming their own Utility of the Future through resource recovery. Future webinars will cover other leading topics like building public support and workforce development.

Water Environment Federation
the water quality people®

WATEREUSE

EPA United States Environmental Protection Agency

NACWA

WERF
Water Environment Research Foundation
Collaboration. Innovation. Results.

January 21, 2016
3:00-4:30pm Eastern

Speakers:
Jo Ann Macrina: Commissioner, City of Atlanta, Department of Watershed Management

Nicholas Menninga: General Manager, Downers Grove Sanitary District

REGISTER NOW! https://attendee.gotowebinar.com/register/7630553893102798849

The Wastewater/Energy Nexus:

Experience at the Downers Grove Sanitary District

Nick Menninga, General Manager

January 21, 2016

1

Agenda

- Background
- Improved Efficiency / Energy Reduction
- Energy Production / Use Of Resources

Downers Grove Sanitary District

- 11/22 MGD average/peak full treatment capacity
- Primary clarification
- Single-stage nitrification
- Tertiary sand filtration
- *Oversized* anaerobic digestion
- Sludge dewatering and aging
- Excess flow primary and disinfection to 110 MGD total

The Management Challenge

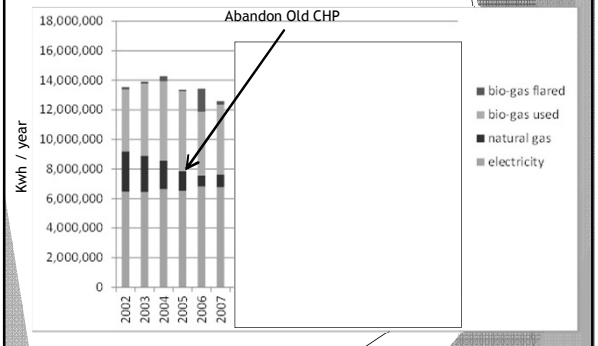
- Energy: 15% of operating budget
- Cost-effective reductions: good business practice / expected by rate payers
- Synergies
  - Staff skills
  - Automation/controls
  - Existing energy infrastructure
  - Available technologies
  - External funding

4

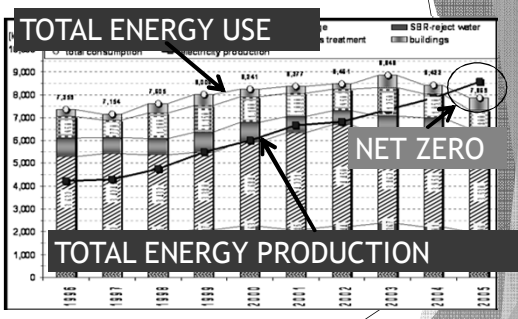
Energy Types and Needs

- Electricity
  - Pumping
  - Aeration
  - Other process
- Natural Gas
  - Heating – Building
- Digester Gas
  - Heating - Process

Historic Energy Use



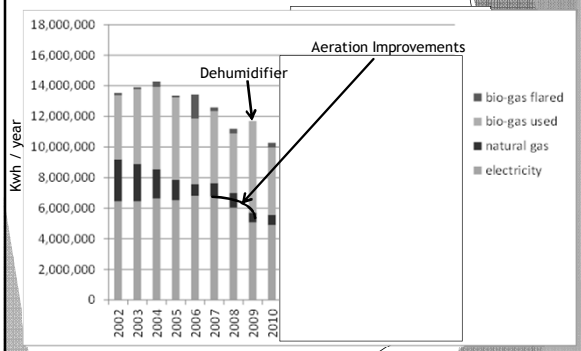
Model Program – Strass, Austria



Initial Focus: Energy Reduction/Efficiency

- Aeration System Improvements – 7 year payback on $1 million (after $250,000 grant)
- Pumping Station VFDs – 3 year payback on $50,000 (after $20,000 grant)
- Lighting Upgrades – 3 year payback on $25,000 (grant funding varies)
- HVAC
  - Desiccant Dehumidifier – 8 year payback on $100,000
  - Geothermal/Effluent Water Heat Pumps – 0 year payback (replacement program as old units fail - $5,000 per year)
  - Absorption Chiller – 7 year payback on $10,000
- MORE TO COME

Energy Reduction Trend



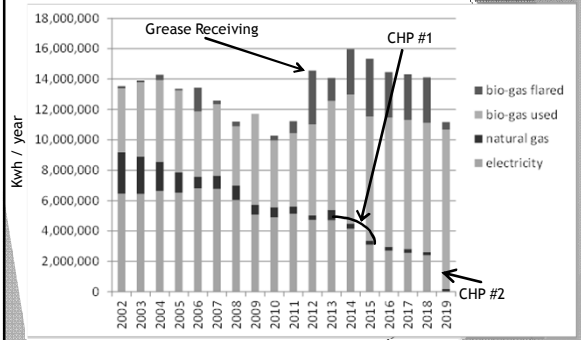
Current Focus: Energy Production
Available Resource: Sludge

- Incineration – need to dewater first – net energy concerns
- Bio-fuel cell – very early stages of development
- Improved Gas Production
  - More feed stock (grease, food, etc)
  - Improved feed stock (WAS lysis)
  - Better digester mixing

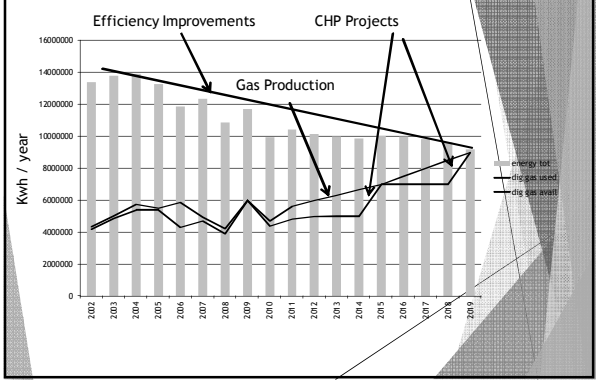
Energy Generation Projects

- Goal: Produce sufficient energy to meet reduced energy demand
- FOG/Food Waste Receiving Station = Increased Biogas Production – ARRA funding
- Combined Heat and Power - $475,000 grant funding so far
  - Electricity Generation
  - Digester Heating

Energy Production and Use



Matching the Model



Conclusions

- Energy is a controllable expense
- Energy reduction technologies are compatible with wastewater O&M skill-sets
- Energy reduction is cost-effective
- Opportunities of all sizes are available
- Grant / other funding opportunities continue

14

Questions

- nmenninga@dgsd.org

15

DuPage River Salt Creek Workgroup

POTW Special Meeting
New NPDES Permit Special Conditions
Lombard Village Hall
January 28, 2016
9:00 AM

Agenda

Time	Activity	Presenter
9:00 – 9:05	Welcome and Introductions	Stephen McCracken, DRSCW/The Conservation Foundation
9:05 – 9:15	Areas of Joint Responsibility in the New Permit	Stephen McCracken, DRSCW/The Conservation Foundation
9:15 -9.55	Identification and Control of Phosphorus Loading from Industrial and Commercial Sources	Rick Federighi, The Village of Addison
9.55-10.35	Phosphorus Removal Studies	Nick Menninga, Downers Grove Sanitary District
10.35-10.50	Break	
10.50 -11.30	Improving Water Quality through Credit Trading	Jill Kostell The Wetland Initiative
11.30-12.00	Open Forum on Permit	Stephen McCracken, DRSCW/The Conservation Foundation

Possible Open Forum Subjects are listed below:

DRSCW Areas	Individual Member Responsibility
Phosphorus Nutrient Implementation Plan (NIP) Chloride Reporting Mixing Study	Management, Operations and Maintenance Plan (CMOM). Phosphorus Discharge Optimization Plan. Phosphorus Feasibility study Lift Station Design and Construction (Retrofit)

DRSCW NPDES PERMIT SPECIAL CONDITIONS: PHOSPHORUS REMOVAL STUDIES

NICK MENNINGA, PE, DOWNERS GROVE SANITARY DISTRICT

JANUARY 28, 2016

OUTLINE

- PERMIT LANGUAGE
- OPERATIONAL OPTIMIZATION PLAN AND IMPLEMENTATION
- TREATMENT PLANT IMPROVEMENT STUDY TO MEET SPECIFIC EFFLUENT STANDARDS
- STUDY SCOPE / APPROACH
  - DATA COLLECTION
  - PLANT MODELING
  - ALTERNATIVE TECHNOLOGY EVALUATION
  - COST ESTIMATES

PERMIT LANGUAGE

- PHOSPHORUS DISCHARGE OPTIMIZATION PLAN (PDOP)
  - NOT UNIQUE TO DRSCW
  - INFLUENT REDUCTION MEASURES – RICK'S TALK
  - OPTIMIZING EXISTING TREATMENT PROCESSES WITHOUT CAUSING PROBLEMS
    - LIKELY PROBLEM #1: SOLIDS SETTLING (COMPLIANCE PROBLEM)
    - LIKELY PROBLEM #2: ELEVATED AMMONIA (STREAM HEALTH PROBLEM)
  - ARE MEASURES PRACTICAL, OR NOT?

PERMIT LANGUAGE (CONTD)

- SPECIFIC OPERATIONAL MEASURES – ALL ASSOCIATED WITH ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL (EBPR)
  - CHANGE SRT PER TYPICAL EBPR CONFIGURATION: SHORTER THAN FOR NITRIFYING-ONLY PLANT
  - ADJUST AIR RATES, LOW DO IN ANOXIC/ANAEROBIC ZONES (OR IN UPPER END OF PLUG FLOW BASIN)
  - IMPROVED AERATION FOR RECYCLE STREAMS
  - ADJUST FLOW PATTERN TO PROMOTE EBPR (NOT RE-PIPE)
  - INCREASE VFA PRODUCTION – KEY INGREDIENT FOR EBPR
- SCHEDULE: 24 MONTHS FOR PLAN, 36 MONTHS TO IMPLEMENT, REPORT ANNUALLY IN MARCH
- IF THESE MEASURES ARE IMPRACTICAL, REPORT NEEDS TO STATE WHY

PERMIT LANGUAGE (CONTD)

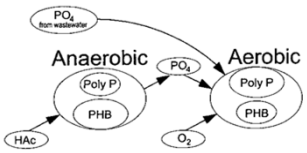
- FEASIBILITY STUDY
  - NOT UNIQUE TO DRSCW
  - TREATMENT PLANT IMPROVEMENTS
  - 3D METRIC OF OPTIONS TO EVALUATE:
    - 1.0, 0.5, 0.1 MG/L LIMITS
    - MONTHLY, SEASONAL, ANNUAL AVERAGE BASIS
    - TECHNOLOGIES: CHEM PRECIP, EBPR, COMBINATION
    - 27 TOTAL OPTIONS? SOME WILL DROP OUT AS NOT FEASIBLE, OR OVERLAP
  - EACH OPTION NEEDS A START-TO-FINISH IMPLEMENTATION DURATION
  - FINANCIAL EVALUATION: CAPITAL, O&M, IMPACT ON RATES
  - SCHEDULE: SAME AS PDOP, 24 MONTHS. NO IMPLEMENTATION REQUIREMENT.

PDOP

- KEY STUDY FOCUS: IS EBPR PRACTICAL WITH EXISTING FACILITIES?

ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL

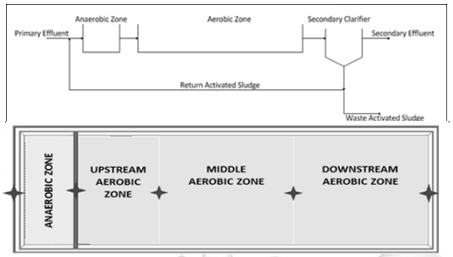
- PHOSPHORUS ACCUMULATING ORGANISM (PAO) METABOLISM
- CHALLENGES
  - TANKAGE – SEPARATION OF ANAEROBIC ZONE, LOSS OF NITRIFICATION SPACE
  - INHIBITORY CONDITIONS – NITRATES: LIKELY TO NEED DENITRIFICATION
  - SPECIFIC TYPE OF FOOD NEEDED: CARBON AS VOLATILE FATTY ACIDS: RBCOD
  - FILAMENTOUS CONTROL – SELECTOR, STRICT LOW SLUDGE AGE



Biological Phosphorus Removal Process

ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL

- AO PROCESS
- A2O PROCESS
- MLE PROCESS
- UCT PROCESS
- OTHERS



ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL

- AO PROCESS
- A2O PROCESS
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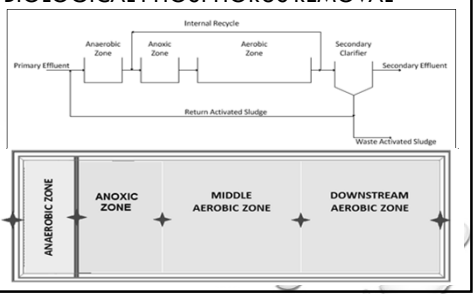


CONSIDERATIONS FOR EBPR SUCCESS

- TANKAGE AND PIPING
- SEWAGE CHARACTERISTICS – C/N/P, IN PARTICULAR RBCOD
- SLUDGE TREATMENT AND HANDLING

PDOP

- SIX ITEMS TO CONSIDER (FREE TO LOOK AT OTHERS)
  - SRT
  - REDUCE DO TO PROMOTE EBPR
  - TURN OFF AIR AT INLET SIDE OF PLUG FLOW BASINS
  - IMPROVE RECYCLE STREAM AIR
  - ADJUST FLOW THROUGH BASINS
  - INCREASE VOLATILE FATTY ACIDS
- IDENTIFY WHAT IS PRACTICAL
- MAKE IMPLEMENTATION SCHEDULE OF PRACTICAL ITEMS
- ROOM FOR ADAPTIVE MANAGEMENT
- ANNUAL PROGRESS REPORTS

FEASIBILITY STUDY

- MORE TRADITIONAL ENGINEERING STUDY
- ASSURANCE FROM ENGINEER THAT RECOMMENDED IMPROVEMENTS WILL MEET TARGET PERFORMANCE CRITERIA
- UP TO 27 OPTIONS PER METRICS IN PERMIT
- FOR EACH OPTION: BASIS OF DESIGN, COSTS, IMPLEMENTATION SCHEDULE

OVERALL SCOPE OF SERVICES: 2 STUDIES IN 1

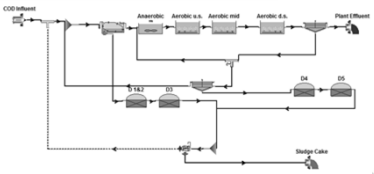
- PDOP EVALUATION IS A SUBSET OF FEASIBILITY STUDY: EBPR USING EXISTING PLANT
- STUDY STEPS
  - DATA COLLECTION
  - PLANT MODELING
  - ALTERNATIVE TECHNOLOGY EVALUATIONS
  - COST ESTIMATES

DATA COLLECTION

- P DATA: P IS IN SEVERAL FORMS, NEED TO UNDERSTAND VARIOUS FRACTIONS TO EVALUATE EBPR AND CHEM PRECIP OPTIONS: INFLUENT, EFFLUENT, RECYCLES
- EBPR SUPPORT DATA: VARIOUS FORMS OF CARBON, ALKALINITY, PH, NITROGEN
- MONITORING PLAN SHOULD SPAN REPRESENTATIVE PERIOD, ADEQUATE AMOUNT OF DATA TO CONDUCT MODELING

PLANT MODELING

- DESKTOP COMPUTER MODELS
  - COMPUTATIONAL ENGINES – PROPRIETARY OR OPEN SOURCE
  - PROPRIETARY USER INTERFACES
  - SPREADSHEET MODELING: SIMPLIFIED CALCULATIONS



ALTERNATIVE TECHNOLOGY EVALUATIONS

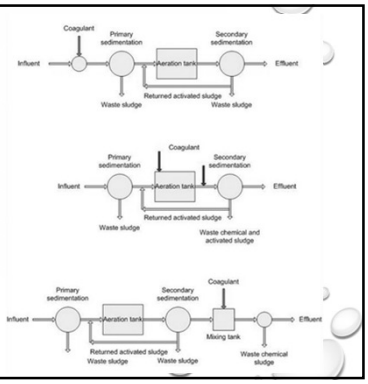
- EBPR
- CHEMICAL PRECIPITATION
- COMBINING THESE TECHNOLOGIES
- LOWER LEVELS WILL LIKELY INCLUDE IMPROVED FILTRATION

CHEMICAL PRECIPITATION

JAR TESTING

OPTIONAL FEED POINTS

ADDITIONAL SLUDGE



OTHER CONSIDERATIONS

- OPPORTUNITIES FOR CAPACITY EXPANSION
- SLUDGE QUANTITIES AND CHARACTERISTICS
- RETROFIT VS NEW FACILITIES
- OPERATIONAL IMPACTS
  - I&C
  - STRUVITE FORMATION/CONTROL/RECOVERY
  - STAFF
  - FILAMENTOUS CONTROL
  - ENERGY
  - ODORS
  - SOLIDS DEPOSITION
  - OTHER PARAMETERS – AMM-N

COST EVALUATION

- CAPITAL – NEED TO DEVELOP ALTERNATIVES TO A PLANNING LEVEL
- O&M – DON'T FORGET SLUDGE
- REVENUE REQUIREMENTS/BILLING RATES

QUESTIONS

NMENNINGA@DGSD.ORG

GENERAL MANAGER'S REPORT TO EMPLOYEES **January 22, 2016**

WWTC Operations Data – December

The DMR for December indicates that the final effluent averaged 0.9 mg/l CBOD, 0.4 mg/l suspended solids and 0.11 mg/l ammonia nitrogen over a daily average flow of 15.96 MGD. There were no permit excursions in December.

Financial Data – December

In December, the District received $601,519 in the General fund, including $257,253 in user charges, $29,067 in surcharges and $263,828 in monthly fees. General fund expenses totaled $505,230. The Improvement fund had revenues of $4,962 and no expenses. The Construction fund had revenues of $8,714 and expenses of $2,581.

Sewer Permits – December

There were 14 sewer permits issued in December – 8 single family, 1 repair and 5 disconnections.

Personnel

The District is currently hiring a part-time secretary position in the office. Please direct all interested persons for this position to submit an application to Clay. Additional information is available on the District's website, www.dgsd.org.

REMINDER - Additional Requirement for CDL Driver's License Renewal and Issuance

To all employees that possess a Commercial Driver's License (CDL), please see attached an important new federal standard effective on July 1, 2015 for individuals visiting a Secretary of State facility for the purposes of having their CDL issued, renewed, transferred or upgraded. There is a **one-time** requirement for the CDL holder to provide the facility with proof of legal presence and domicile, which can be proven with the documents listed on the attachment.

Those employees of the District in positions that require CDL B licenses should note 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. 162nd Street, South Holland, IL 60473)
  - Plano (712 E. South Street, Plano, IL 60545)

This can also be emailed to you!

If employees are interested in receiving future General Manager's Reports to Employees by email in place of the paper copy, please contact Clay with the email address you would like to use.

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 Bev, 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

We are targeting the 1-K-028 area for private property inspections and I/I removal. Regular flow monitoring continues.

Status of Projects

1) Technology Plan

We are continuing to investigate and assess ways to boost cell phone signals in the tunnels at the plant.

2) Digester Gas Co-Generation Facility

We have applied for grant funding to add a second engine genset to our CHP system, taking advantage of the oversized gas cleaning equipment. A grant agreement has been received from the Illinois DCEO for $49,000 towards construction of another CHP unit.

3) Grease Delivery Road

ATP Enterprise Group has nearly completed construction of this newly paved area south of the grease receiving station. Some restoration work may be needed in the spring. The drainage from this area has been re-routed to the head of the plant to keep any spills from reaching the outfall.

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4) Sewer Rehab

We have awarded contracts for sewer rehab projects for I/I removal and de-bottlenecking in the 1-M-008 area, and for structural rehabilitation for the sewer along Debolt in Downers Grove. Insituform Technologies will be doing this work, and is coordinating its schedule with the Village's needs, with some work scheduled around spring break.

5) Digester Mixing and Cleaning

We have ordered a replacement for the Digester 4 Pearth mixing equipment and housing located on the Digester 4 cover. Other cleaning and piping for digesters 3 and 4 is now complete.

6) Painting Services Contract

G. P. Maintenance Services, Inc. is nearing completion of this year's contract painting project at the plant and the Northwest Lift Station.

This can also be emailed to you!

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GENERAL MANAGER'S REPORT TO EMPLOYEES **February 5, 2016**

Personnel

The District is in the process of interviewing for the open part-time secretary position in the office. Please direct all interested persons for this position to submit an application to Clay. Additional information is available on the District's website, www.dgsd.org.

Employee Anniversaries

Congratulations to Scott Taylor for 40 years of service as of February 23!

TopHealth

The February issue of TopHealth is enclosed.

Sewer Rehabilitation/Infiltration and Inflow Removal

We are targeting the 1-K-028 area for private property inspections and I/I removal. Regular flow monitoring continues.

Status of Projects

1) Technology Plan

   We are continuing to investigate and assess ways to boost cell phone signals in the tunnels at the plant.

2) Digester Gas Co-Generation Facility

   We have applied for grant funding to add a second engine genset to our CHP system, taking advantage of the oversized gas cleaning equipment. A grant agreement has been received from the Illinois DCEO for $49,000 towards construction of another CHP unit. Final design work is being completed by Baxter & Woodman.

3) Grease Delivery Road

   ATP Enterprise Group has nearly completed construction of this newly paved area south of the grease receiving station. Some punchlist work is needed in the spring. The drainage from this area has been re-routed to the head of the plant to keep any spills from reaching the outfall.

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DOWNERS GROVE SANITARY DISTRICT

MEMO

TO: Board of Trustees

FROM: Alyssa Cherwak, Information Coordinator

DATE: February 12, 2016

SUBJECT: District 58 Collaboration

On January 22 and 25, Operations Supervisor Marc Majewski, Administrative Services Director Clay Campbell and I visited O'Neill Middle School in Downers Grove to talk with 7th graders about the District's biosolids program. We spoke to 11 science classes over the two days which was approximately 270 students.

Our presentation discussed the history of sewer systems and indoor plumbing and what the Downers Grove Sanitary District does for the community. We focused most of the presentation on what biosolids is including how it is made, what the District does with it and why we have a program. Most students had never heard about the District. We even passed around sealed containers of sludge at different stages in the process to provide the students with visual examples of solids changing over time.

In collaboration with the teachers, we identified two challenges the District faces with the biosolids program - odor control and enhancing the drying process. During our presentation, we challenged the students to come up with potential solutions to these issues. Attached are a few examples of the students' solutions. The students were very engaged throughout the presentation, asked excellent questions and left class with a better understanding of who the District is and what we do.

To view the presentation, visit https://prezi.com/jyaz6zvmjinp/biosolids/.

On March 4, staff will meet with science teachers from District 58 to discuss how we can further collaborate with them on the 7th and 8th grade curriculums. The 7th grade teachers have expressed an interest in the partnering with the District to develop programming intended for a future county-wide teacher institute day.

On a separate note, we have committed to have Laboratory staff spend a day with the classes in late April using microscopes to discover and learn about microorganisms found in the wastewater stream.

cc: NJM, WCC, BOLI, MGP

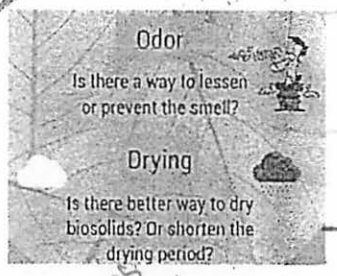
Name _____ Pd _____

Scientific Constraints

Economic Constraints

I Think mabye The Light Panels may Be a little expensive.

Detailed Sketch of Solution



fan

Smell

Bio solids

Light panels

Inside

outside

Biosolids

Social Considerations

The neighbors might have a complaint that the fans might Be too loud.

Name _____ Pd 1

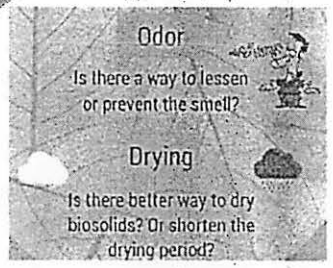
Scientific Constraints

The biosolid would be shaped into a rectangle & wrapped in a dark tarp. the dark color of the tarp would attract sunlight & warm it up so It would dry. The tarp would also contain the smell too.

Economic Constraints

tarps could be reused
tarps would cost money

Detailed Sketch of Solution



biosolid

Odor

dark tarp

Similiar to an oven

Biosolid wrapped in tarp

Social Considerations

The rectangular shape would make it easier to store deliver

Name _____ Pd 6

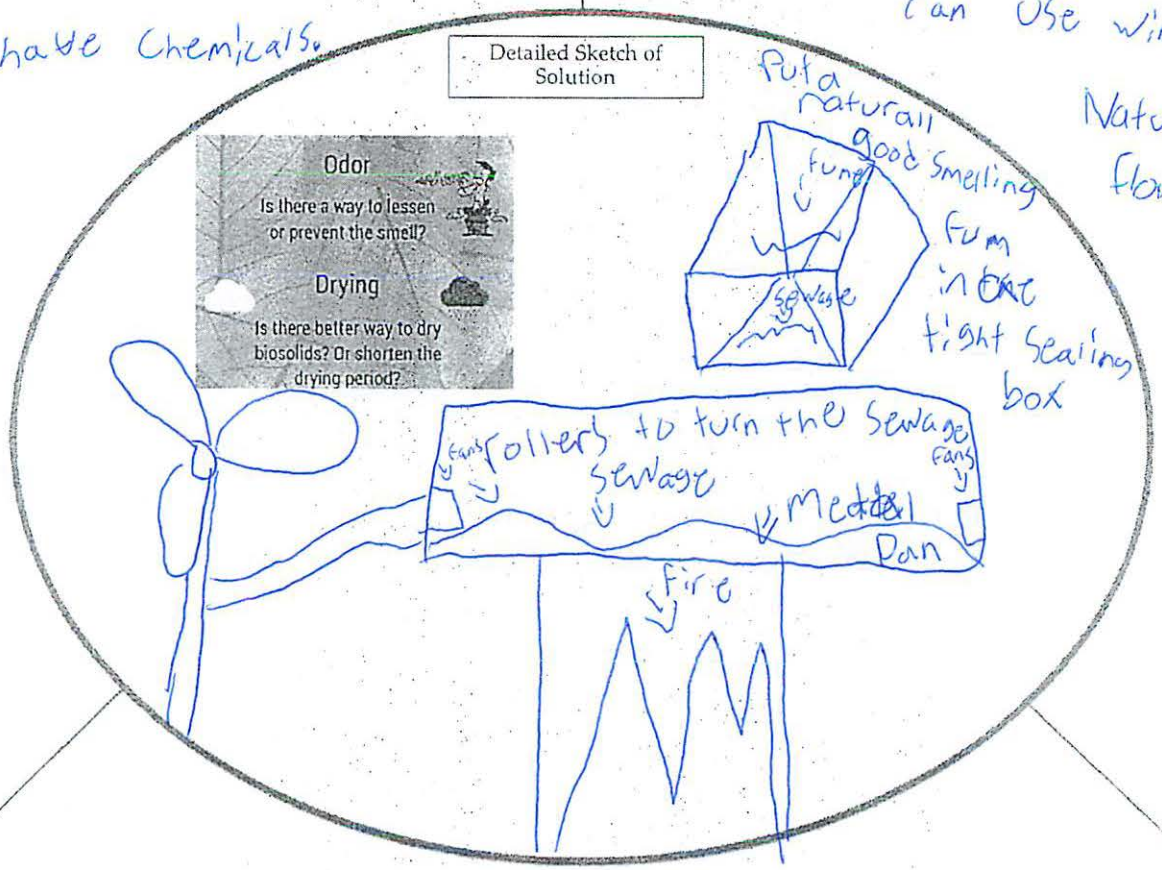
Scientific Constraints

The fire can warm up the Pan and dry the Sewage. Most natural fumes don't have chemicals.

Economic Constraints

Fire can be made with reusable resources, wood, etc and you can use wind Power as Power. Natural fumes can be flowers, etc

Detailed Sketch of Solution



Social Considerations

There ~~are~~ would be people that can live by the facility because of the odor

Name _____ Pd _____

Explanation

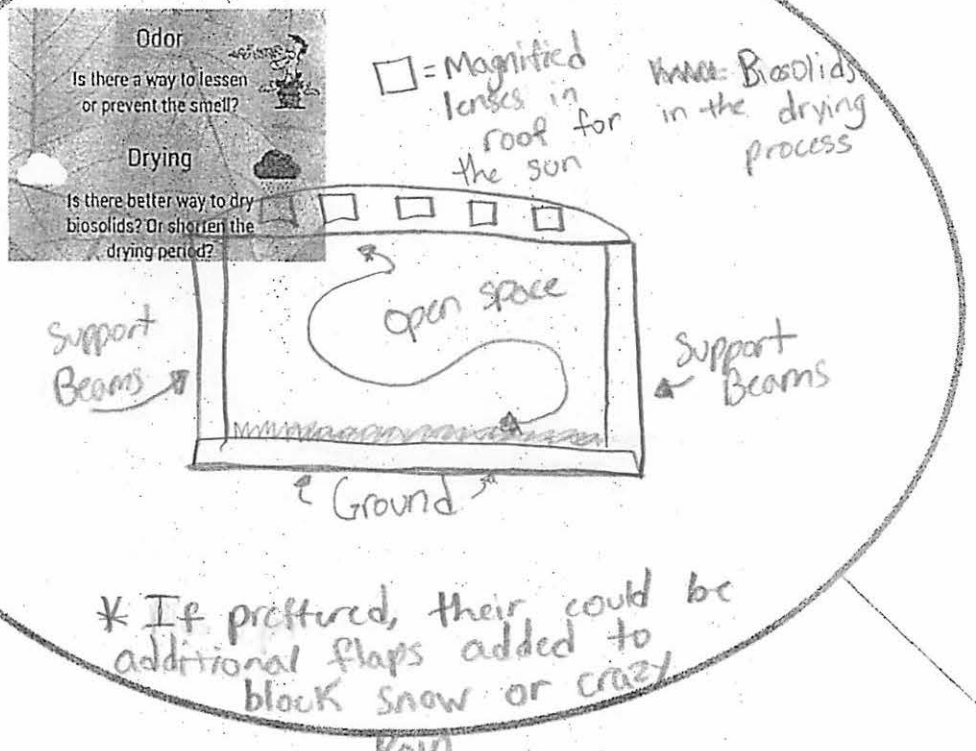
Scientific Constraints

The sunlight will filter through the magnified lenses, making it hotter and stronger, and then beat down on the biosolids. The roof will prevent rain from "re-wetting" the biosolids and also protect from other objects like hail. Also, flaps could be added to block snow

Economic Constraints

None

Detailed Sketch of Solution



Social Considerations

None

Name _____ Pd 1

Scientific Constraints

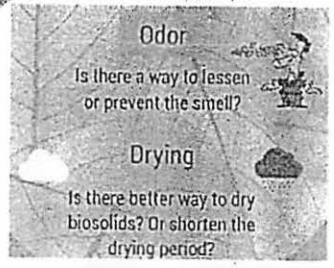
The heat will make it more dry

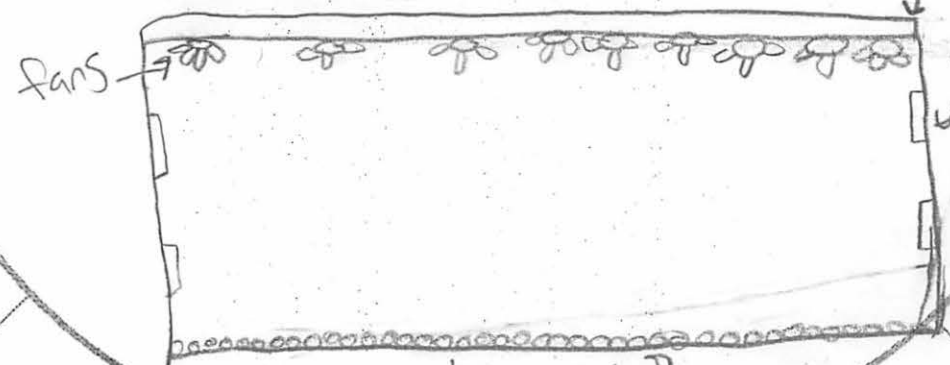
Economic Constraints

use a heated room with a lot of fans for drying

use solar panels

Detailed Sketch of Solution





Social Considerations

Start a fundraiser for equipment; Solar panels, fans, heaters

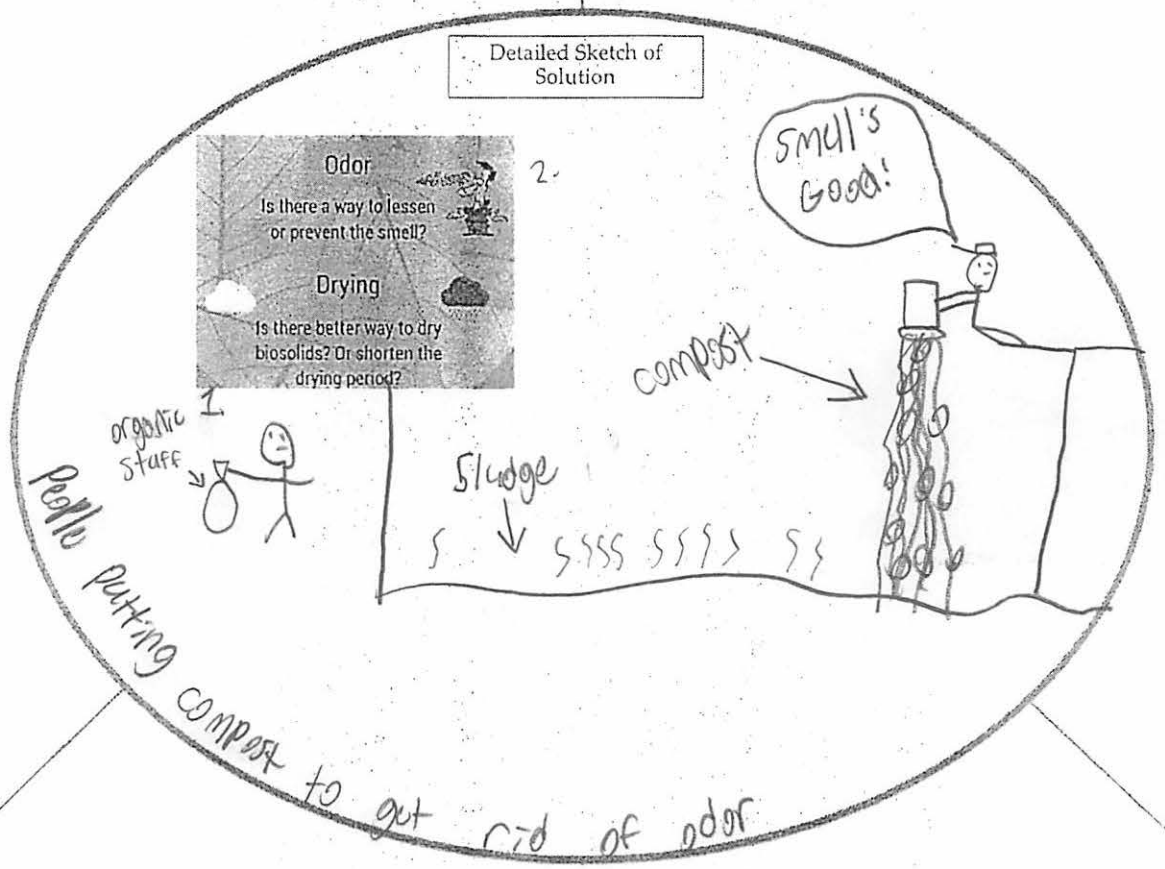
Name _____ Pd 1

Scientific Constraints

Economic Constraints

use flowers or better smelling organic things.

Detailed Sketch of Solution



Social Considerations

Collect compost from people and use it to make it smell better.

Name _____ Pd 4

Scientific Constraints

Economic Constraints

Detailed Sketch of Solution

Lemon zest

Grow a lemon tree farm!

It gets rid of the odor

Social Considerations

Name _____ Pd _____

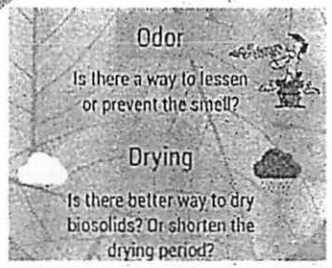
Scientific Constraints

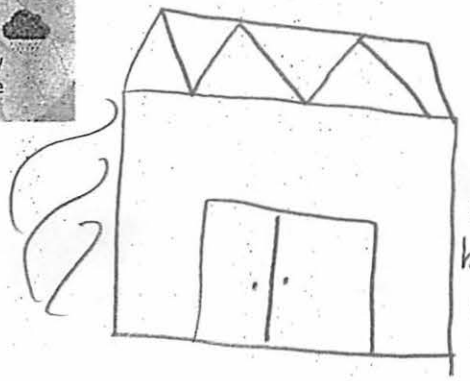
- The air conditioning would make it cool a lot faster and it wouldn't be loud.
- No windows just in case they break.

Economic Constraints

It wouldn't be that big, but not TOO small. Just enough to fit the biosolids.

Detailed Sketch of Solution





- medell// steel
- Air conditioning

Cold warehouse so you can freeze biosolids instead of just drying them.

Social Considerations

It wouldn't be loud for people that live around the place but, it would take up a little more space.

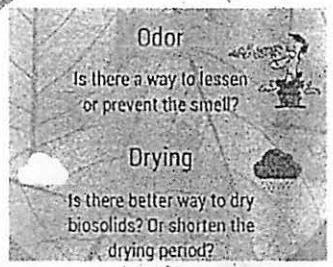
Name _____ Pd 4

Scientific Constraints

Economic Constraints

It would cost a lot but in the long run worth it.

Detailed Sketch of Solution



Drying

at night time the solar generaters shut off and the lights turn on to dry at night.

odor

Crop dust with febreze bottles.

Energy

Build a dam on the dupage to generate power for the Plant.

or make wind and solar generate on the roofs of the buildings

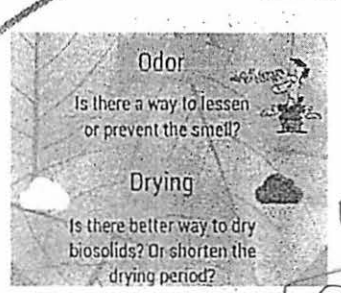
Social Considerations

Name _____ Pd 6

Scientific Constraints

Economic Constraints

Detailed Sketch of Solution



Outside

Sludge

thin panel with deodorizing and good smelling in it

put on fan

Side view

fans to dry sludge

Water goes down

Sludge

tray holds water

holes for water to go through

Water goes down through pipe

Social Considerations

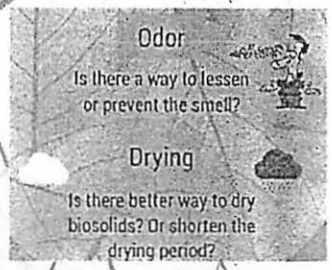
It might smell extremely bad nearby the box.

Name _____ Pd 4

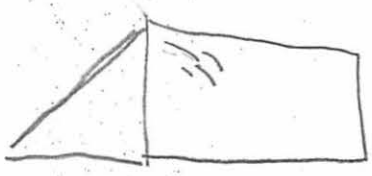
Scientific Constraints

Economic Constraints

Detailed Sketch of Solution



Pine can absorb odor and moisture



mirrors help with drying time

Social Considerations

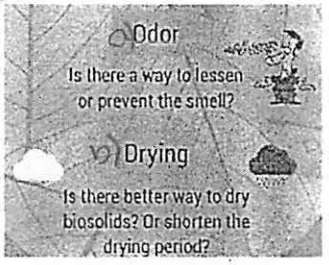
Name ___ Pd 6

Scientific Constraints

cost effective
sustainable
on site

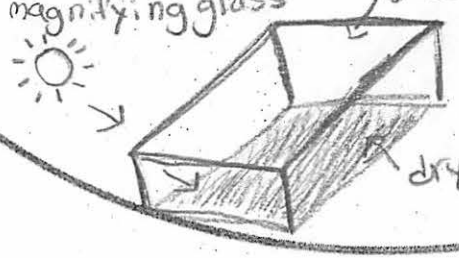
Economic Constraints

Detailed Sketch of Solution



a) What causes the smell? since it's mostly live bacteria you might be able to use cancer radiation treatment stuff to zap the bacteria that makes the smell. Other solution: CRISPER to select and kill the bacteria

b) giant glass? (for on top of drying fields.) should magnify sun's rays and make the heat more effective. (should work like a giant magnifying glass



Social Considerations

Name _____ 1/25/16 Pd 3

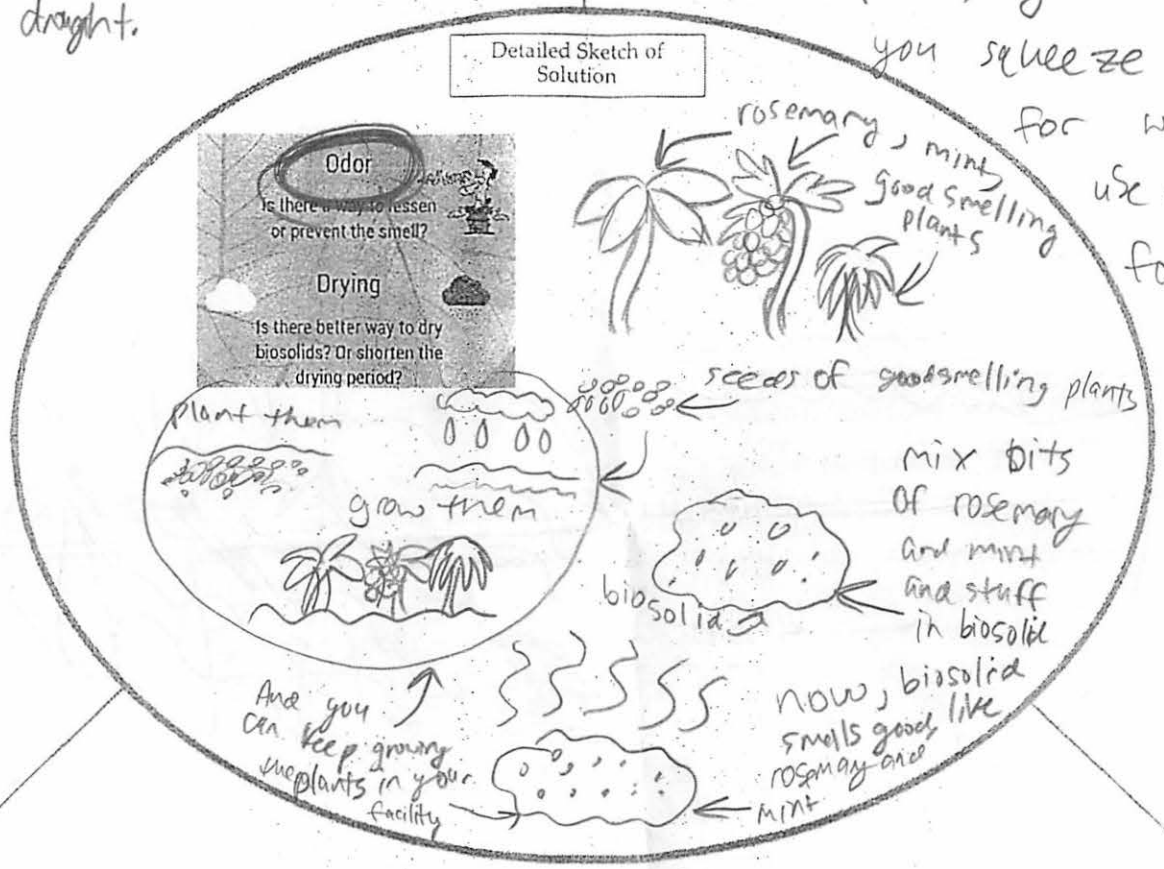
Scientific Constraints

Could run out of rosemary and mint seeds, or not have enough sun, their could be a draught.

Economic Constraints

Doesn't cost alot to grow the plants, you can use the water you squeeze out of solids and rain for watering it, easy sun and use some of your own biosolids for fertilizer!

Detailed Sketch of Solution



Social Considerations

Some people could be allergic or nose sensitive to rosemary or mints or some of the plants.

Scientific

If the wind could NOT be blowing.

Economic

~~It doesn't cost anything to let the windmills~~

It shouldn't cost a lot to build 3 or 4 windmills on a bare patch of grass of your site

Social

Some people might not looking at the windmills drying the poo, but the pro is that you could also use the windmills to power your facility, and you don't have to pay the electricity bill. I think.

Name _____ Pd 6

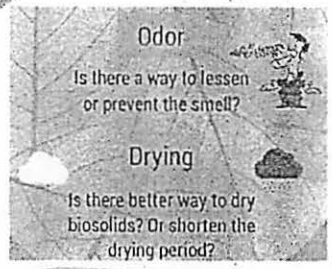
Scientific Constraints

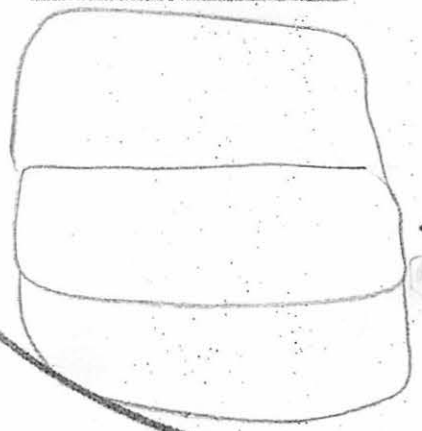
~ Help dry faster

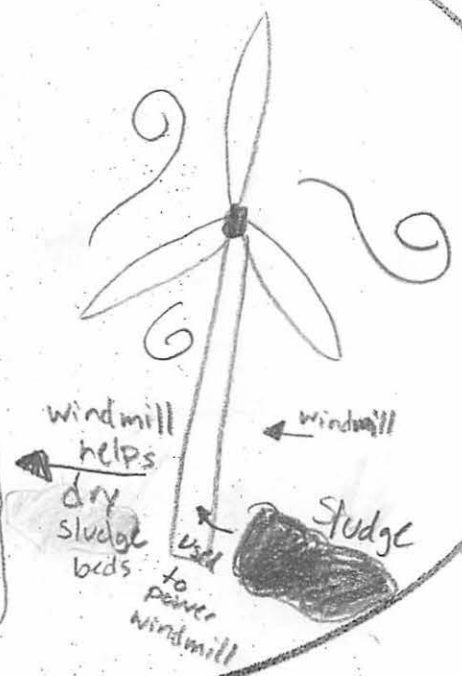
Economic Constraints M F

~ Buy several windmills

Detailed Sketch of Solution







Social Considerations

~ Needs room

AN INTERGOVERNMENTAL COOPERATION AGREEMENT BETWEEN SANGAMON COUNTY, ILLINOIS AND THE SPRINGFIELD METRO SANITARY DISTRICT

This Agreement made this 15th day of April, 2011, by and between Sangamon County, an Illinois unit of local government, and the Springfield Metro Sanitary District, another Illinois unit of local government to establish a rebate program to assist low income individuals, users of Sanitary District services, pay their District sewer bill.

This Agreement is made by authority of Article 7, Section 10 of the Illinois Constitution of 1970, and Section 5 of the Illinois Intergovernmental Cooperation Act (5 ILCS 020/1 et seq.).

WHEREAS, the Springfield Metro Sanitary District (the District) has been authorized by its Board of Trustees (the Trustees) to establish a Low Income Sewer Assistance Program (LISAP) which will provide rebates to assist low income individuals to pay their District sewer bill; and

WHEREAS, the Sangamon County Department of Community Resources (the Department) has been authorized by the Sangamon County Board (the Board) to establish a rebate program, subject to the desires of and funding provided by the District, to assist low income individuals to pay their District sewer bill; and

WHEREAS, the Trustees have authorized the the District to enter into an intergovernmental agreement with Sangamon County (the County) for the County, and more specifically the Department, to provide for the administration of such a LISAP program; and

WHEREAS, the Board has authorized the County to enter into an intergovernmental agreement with the District for the District to provide the funding, administrative assistance as the District sees fit, and basic guidelines of such program; and

WHEREAS, such an intergovernmental agreement is necessary to provide for the funding and administration of a LISAP program to assist low income individuals residing in the District to pay their District sewer bill; and

WHEREAS, the Department is responsible for administering a number of low income assistance programs as a primary part of its operations and is therefore the most apparently equipped entity to provide for the administration of the LISAP program; and

WHEREAS, the District shall appropriate to the County, for use by the County for the LISAP which is the subject matter of this agreement, and the County shall receive from the District, for such use and for the costs of the administration of the LISAP, approximately $150,000 to provide for sewer charge rebate benefits of $49.00 per household to provide relief for persons who have been determined by the Department to be low income, in accordance with standards that may be agreed upon from time to time by the Parties, following their application and approval by the the Sangamon County Department of Community Resources through April 30, 2012; and

WHEREAS, it is anticipated that the District will provide and the County will receive annual appropriations from the District to continue the LISAP into the future; and

WHEREAS, each party to this agreement shall adopt such rules and regulations as to it may ~~seem~~ deem necessary to carry into effect the purposes of this intergovernmental agreement.

NOW THEREFORE, be it agreed by and between the parties hereto as follows:

1. That the District shall appropriate to the County, for use by the County for the LISAP which is the subject matter of this agreement, and the County shall receive from the District, for such use and for the costs of the administration, including legal fees incurred by the District, of the LISAP, approximately $150.000 to provide for sewer charge rebate benefits of $49.00 per household to provide relief for persons who have been determined by the Department to be low income, in accordance with standards that may be agreed upon from time to time by the Parties, following their application and approval by the the Sangamon County Department of Community Resources through April 30, 2012, and the parties hereto agree to perform all other acts by them required as above set forth, commencing with the execution of this agreement.

2. This Agreement shall be in effect until the District finds it no longer feasible to fund the program as contemplated herein, at which time the District and the County may agree to terminate it. Either party may also choose to terminate this agreement for convenience by providing notice of termination in writing to the other party with a 30-day notice of the date of termination. Upon the end of the business day upon which any such notice of termination is provided to the other party, the County and the Department shall cease taking applications but shall provide the appropriate benefit to all approved applicants to the extent the funding still exists, unless directed to do otherwise in writing by the District.

3. In the event that the parties agree to continue the LISAP beyond April 30, 2012, the District shall have the sole discretion to determine any annual amounts to be provided to the Department for the administration of the LISAP, and the District shall have the sole discretion to determine from time to time any amounts to be provided to approved low income user of District services.

4. In the event that one Party believes the other to be in default under this Agreement, that Party acting through its chief administrator or authorized designee, shall notify the other Party in writing and allow the other Party thirty (30) days from the date of receipt of the notice to cure the default. If the default is not then cured, the Party having sent the notice of default may terminate the Agreement immediately by serving written notice on the other Party. No waiver of any default shall be implied by the failure of either Party to give notice of default, and no express waiver shall affect any other default except the one specified in the waiver.

5. Any notice or communication permitted or required under the Agreement shall be in writing and shall become effective on the day of mailing thereof by first class mail, registered or certified mail, postage prepaid, addressed to:

If to District to:

Springfield Metro Sanitary District
Attention: Director/Engineer
3017 North Eighth Street
Springfield, IL 62707

If to County to:

Chairman of the County Board
Sangamon County Building
200 South Ninth Street
Springfield, Illinois 62701

With a copy to:

Stratton & Reichert
725 S. Fourth St.
Springfield, IL 62703

With a copy to:

Executive Director
Sangamon County Department of Community Resources
2833 South Grand Ave. East, Suite C100
Springfield, IL 62703

6. This Agreement shall be binding upon the successors and assigns of the District and the County and

their respective governing bodies.

7. This Agreement may not be amended except by means of written document, including an addendum, signed by authorized representatives of both the District and the County.

8. This Agreement shall be deemed dated and become effective on the date of the last signature of the Parties is set forth below by a duly authorized representative.

The Parties hereto, having full authority to enter into this Agreement, through the signatures affixed below, do hereby voluntarily and willfully agree to the terms and conditions stated herein.

Sangamon County, IL

By: _____
Chairman

Attest: _____
Committee Member

Date: 4-15-11

SPRINGFIELD METRO SANITARY DISTRICT

By: _____
President

Attest: _____
Clerk

Date: 4-26-11

SPRINGFIELD METRO SANITARY DISTRICT
CORPORATE SEAL
ORGANIZED 1924
SANGAMON CO., IL

RECEIVED
MAY [illegible], 2011
SPRINGFIELD
METRO SANITARY DIST.

2011 Low-Income Sewer Rebate Program

Beginning June 1, 2011, income-eligible Sangamon County Residents living in the Springfield Metro Sanitary District, may qualify for a one-time sewer rebate of $49.00 in 2011. Sangamon County residents in the Springfield Metro Sanitary district may call 535-3120 for an appointment any day during business hours until funds are depleted. No walk in appointments will be taken.

Who is eligible?

You are eligible if you can answer yes to all of the following questions:

- **You live within the limits of the Springfield Metro Sanitary District in 2011 and have a current SMSD sewer bill to submit.**
- **The 30-day gross income of your household, previous to the appointment, did not exceed the following:**

150% POVERTY LEVEL

Number in Household	Maximum 30-Day Household Income
1	$1,354
2	$1,821
3	$2,289
4	$2,756
5	$3,224
6	$3,691

For additional household members, add $467 per person.

What is "Gross Income of Household"?

This is the income received by EVERY member of your household (related or not) in the previous 30 days before your appointment who was at least 18 years old. This includes but is not limited to wages, salaries, gross amounts of pensions and annuities, retirement benefits, Social Security benefits, unemployment, TANF, disability, child support, general assistance and any other form of income.

What Documents are Required to Prove Income?

For all members of your household we require:

1. **Photo I.D. for Head of Household.**
2. **Most recent utility bills reflecting sewer charges.**
3. **Documentation for all sources of income for all household members over 18 years old.**
4. **Social Security cards for all members of the household.**
5. **Any medical cards.**
6. **If no income, please choose a denial letter from any of the following: Social Security Benefits, Unemployment benefits, Workman's Compensation Benefits, medical card (front and back with client's name on it), proof of application for food stamps, cash/medical benefits.**

Questions? Please contact Sangamon County Community Resources at 535-3120

SANGAMON COUNTY BOARD OFFICE

September 2, 2015
FOR IMMEDIATE RELEASE

CONTACT: Sharmin Doering
Executive Director
(217) 535-3288

MEDIA RELEASE

Sangamon County Begins Low-Income Sewer Bill Assistance Program

Sangamon County Community Resources will begin taking applications for sewer bill assistance on Thursday, September 3. The program will run until May 31, 2016 or until funds are depleted. Applications are available in Community Resources or on line at http://co.sangamon.il.us/departments/a-c/community-resources. Applications will not be mailed. To qualify for the program, applicants must be residents within the Springfield Metro Sanitary District, submit the application and all documentation and qualify by the gross income of the household. If eligible, all households will receive a flat $75.90 benefit credited to the household account. The one-time annual benefit will also be available to eligible households who receive and attend LIHEAP appointments beginning October 1.

For all members of the household the following documentation is required:

1. **Photo I.D. for Head of Household.**
2. **Most recent utility bills reflecting sewer charges.**
3. **Documentation for all sources of income for all household members over 18 years old.**
4. **Social Security cards for all members of the household.**
5. **Current, signed medical cards.**

What is "Gross Income of Household"?
This is the income received by EVERY member of your household (related or not) in the previous 30 days before your appointment who was at least 18 years old. This includes but is not limited to wages, salaries, gross amounts of pensions and annuities, retirement benefits, Social Security benefits, unemployment, TANF, disability, child support, general assistance and any other form of income.

If there is no household income, please choose one to submit: denial letter from Social Security Benefits, Unemployment benefits, Workman's Compensation Benefits, or a medical card (front and back with client's name on it), proof of application for food stamps, or cash/medical benefits.

2015-2016 Springfield Metro Sanitary District
Sewer Assistance Program
150% of the Federal Poverty Level

Family Size	30-Day Income	Annual Income
1	$1,471	$17,655
2	$1,991	$23,895
3	$2,511	$30,135
4	$3,031	$36,375
5	$3,551	$42,615

For each additional member, add $520.00 to 30-Day and $6,240.00 to annual amounts.

###

SANGAMON COUNTY DEPARTMENT OF COMMUNITY RESOURCES

SHARMIN S. DOERING, EXECUTIVE DIRECTOR

RECEIVED
2011
SPRINGFIELD
METRO SANITARY DIST.

May 20, 2011

Springfield Metro Sanitary District
Attn.: Greg Humphrey
3017 N. 8th St.
Springfield, IL
62707

Dear Mr. Humphrey,

We spoke recently regarding the Sangamon County/Springfield Metro Sanitary District initiative **"Low Income Sewer Assistance Program" (LISAP)** for income-eligible households and as you know, Sangamon County Community Resources will administer the program. Please see attached a Vendor Agreement for the SMSD which explains the process of **crediting the sewer accounts of eligible households.** Vendors would be sent weekly registers as a "promise to pay" whereupon the vendor would credit the sewer/water accounts of the benefit recipients listed on the registers. Vendor checks will be mailed once each month along with copies of the registers already received to cover the accounts credited. Please see enclosed two signed copies of the 2011 Agreement between the SMSD and Sangamon County Community Resources for the period June 1, 2011 to May 31, 2012. The document allows direct payment to the SMSD on behalf of LISAP households. Please review and sign. The program with Community Resources will not commence until the signed vendor agreement is received by Community Resources. If you have questions, please contact me at 217-535-3288. Otherwise, please sign both copies and return one of the two copies by Friday, May 27 to:

Sangamon County Community Resources
Attn.: Sharmin Doering
2833 S. Grand Ave. East
Suite C 100
Springfield, IL 62703

We look forward to an additional partnership with the SMSD to serve low-income households.

Thank you,

Sharmin Doering
Sangamon County Community Resources

SMSD Meeting Minutes

SANGAMON COUNTY DEPARTMENT OF COMMUNITY RESOURCES
LOW INCOME SEWER ASSISTANCE PROGRAM

RECEIVED
SPRINGFIELD
METRO SANITARY DIST.

2011 VENDOR AGREEMENT

County of Sangamon, Illinois

Agreement Between
Sangamon County Department of Community Resources
(Department)
and
Springfield Metro Sanitary District

The County of Sangamon, Illinois, acting by and through the Department, 2833 South Grand Ave. East, Suite C100, Springfield, IL 62703 and Springfield Metro Sanitary District (Vendor), located at 3017 N. 8th St. Rd., Springfield, IL 62707 hereby enter the following Agreement, effective June 1, 2011.

WHEREAS, the Department administers the Low Income Sewer Assistance Program (LISAP) on behalf of the Springfield Metro Sanitary District (District) to users of District services as authorized by an Intergovernmental Agreement between the Department and the District; and

WHEREAS, the Department requires the cooperation of Vendor to provide for the most efficient delivery of benefits, in the form of billing credits, to eligible LISAP participants; and

WHEREAS, Vendor desires to provide its cooperation under the terms and conditions of this Agreement.

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties agree as follows:

Article 1. Term and Scope of Agreement.

1.1 Term. The term of this Agreement shall be from June 1, 2010, through May 31, 2011 unless the Agreement is otherwise terminated as set forth herein.

1.2 Renewal. At the sole option of the Department, this Agreement may be renewed upon the same terms and conditions for a period of two additional one year terms. The total terms of the Agreement, including and renewal thereof, shall not exceed three years.

1.3 Entirety of Agreement. The terms and conditions of this Agreement along with applicable Administrative Rules of the Department and any documents expressly incorporated herein shall constitute the entire preset agreement between the parties. This Agreement constitutes a total integration of all rights, benefits and obligations of the parties. This Agreement constitutes a total integration of all rights, benefits and obligations of the parties, and there exist no other agreements or understandings, oral or otherwise, that bind any of the parties regarding the subject matter of this Agreement. This Agreement supersedes and revokes any prior Agreement between the parities as to the subject matter of this Agreement.

Article 2. Termination.

2.1. Availability of Funds. This Agreement is subject to the availability of Department appropriation from the District or the availability of such District funds for the purpose outlined in the Agreement. The Department's obligations hereunder shall cease immediately, without penalty or further payment being required, in any year for which the District chooses not to or fails to make an appropriation of funds for the LISAP, or when the funds are exhausted.

2.2. Termination Without Cause. Notwithstanding any contrary provision in this Agreement, this Agreement may be terminated at the option of either party upon thirty (30) days' written notice to the other party. The terminating party shall be entitled to performance by the other party under the terms of this Agreement up to the time of termination, unless the funds are exhausted.

2.3. Nonwaiver. Failure of either party to insist on performance of any terms or condition of this Agreement or to exercise any right or privilege hereunder shall not be construed as a continuing or future waiver of such term, condition, right or privilege.

2.4 Inability to Perform. Failure by either party to perform its duties and obligations will be excused by unforeseeable circumstances beyond its reasonable control, including acts of nature, acts of the public enemy, riots, labor or material shortage, labor disputes, fire, fold, explosion, legislation, and governmental regulation.

Article 3. Vendor Responsibilities

3.1 Vendor Shall:

A. Accept payment from the Department for sewer assistance on behalf of eligible households.

B. Post or credit the account of the customer within 30 days of receipt of the payment from the Department.

C. Inform the Department of all clients' rejections and the reason(s) for rejection within 14 days of the date of rejection.

D. Not charge the Department for late payment penalties, returned check charges, carting charges, or any other miscellaneous fees.

E. Not treat households receiving assistance under this program adversely, under any circumstance, because of such assistance and not discriminate in cost of services provided, against the eligible household on whose behalf payment is made.

F. Not voluntarily terminate or cause to be terminated the supply of sewer services to LISAP-eligible households during the term of this agreement, under the following conditions:

1. Vendor accepts the eligible household that meets normal credit Practices of the Vendor for program enrollment;

2. The eligible household meets or exceeds all minimum payment responsibilities as required by LISAP program guidelines; and

3. Vendor receives payment of or promise to pay program benefits from the Department.

G. Refund any duplicate or erroneous payment to the Department within thirty (30) days of the required payment date

H. Notify the Department of any lack of information, inappropriate information and past due payments owed to the Vendor by the Department no later than thirty (30) days of the required payment date.

I. Notify the eligible household of the amount of payment received in the name of the household.

J. Give requested information to the Department for the purposes of determining eligibility for the program, upon receiving a written release from a LISAP applicant authorizing the Vendor to release customer account information to the Department.

3.2 Vendor shall retain the right to:

A. Reject or refuse service under this agreement to a program participant who fails to comply with the Vendor's normal and proper credit practices.

B. Collect, subject to the Vendor's responsibilities under this agreement, amounts incurred by a customer prior to enrollment in the LISAP

program, any additional amount owed by a customer to the Vendor above the allowable benefits under their normal credit practices.

Article 4. Department Responsibilities.

4.1 The Department shall:

A. Provide the Vendor with the necessary and correct information for the Vendor to directly credit a LISAP client's Vendor account.

B. Administer the District's LISAP program to facilitate Department's obligations imposed under Section 4.2 of this Agreement.

4.2 Department's Responsibilities. The Department shall:

A. Determine eligibility of households and notify the Department and Vendor (written or Electronically) within (30) working days after documentation is completed for each eligible applicant.

B. Provide the Vendor with the necessary and correct information for the Vendor to directly Credit LISAP client's Vendor account.

C. Notify the Vendor of the amount of assistance the household is eligible to receive within 30 days of the household's application

D. Pay a predetermined Direct Vendor Payment on behalf of the households.

E. Provide to the Department and Vendor client information including any addition, deletions, or changes to an existing eligible client's status.

F. Handle all documentation and payment for water/sewer utility providers with regard to all LISAP clients.

G. Notify the Department of lack of information, inappropriate information or violation of this Agreement on the part of a Vendor, whether intentional or not, within thirty (30) days of discovery.

H. Obtain a written release from each LISAP applicant authorizing the Vendor to release customer account information to Department(s) for purposes of determining eligibility for the program.

I. Monitor the Vendor's compliance with the terms of this Agreement.

J. Provide Vendor with a list of eligible applicant households and total benefits available for each household that is a customer of the Vendor.

4.3 Responsibility for Payment. The Department shall make payment directly to Vendor under the terms of this of this Agreement.

Article 5. General Terms.

5.1 Agreement to Obey All Laws. Vendor shall at all times observe, comply with, and perform all obligations hereunder in accordance with, all laws, ordinances, codes and regulations of federal, State county and local governmental agencies which in any manner affect the terms of this Agreement

5.2 Amendments. This Agreement may be amended or modified by the mutual consent of the parties at any time during its term. Amendments to this Agreement must be in writing and signed by the parties. No change in, addition to, or waiver of any term or condition of this Agreement shall be binding on the Department unless approved in writing by an authorized representative of the Department.

5.3 Choice of Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois. Any claim against the Department arising out of this Agreement must be filed exclusively with the appropriate State of federal court located in Sangamon County, Illinois.

5.4 Confidentiality. Each party shall protect the confidentiality of information provided by the other party, or to which the receiving party obtains access by virtue of its performance under this Agreement and shall not disclose it to anyone except those of its employees who need to know the information. These nondisclosure obligations shall not apply to information that is or becomes public through no breach of this Agreement, that is received from a third party free to disclose it, that is independently developed by the receiving party, or that is required by law to be disclosed. Confidential information shall be returned to the disclosing party upon request.

5.5 Fraud and Abuse. Vendor shall report to the Department any suspected financial fraud and abuse in the administration of LISAP as soon as Vendor learns of the suspected fraud and abuse of misconduct. Vendor shall not conduct any investigation of the suspected fraud and abuse or misconduct without being specifically directed to do so by the Department. Vendor shall cooperate will all investigations of suspected fraud and abuse or misconduct by the Department.

5.6 Media Relations and Public Information. Subject to any disclosure obligations of Vendor under applicable law, rule, or regulation, news releases pertaining to this Agreement or the services or project to which it relates shall only be made with prior approval by, and in coordination with, the Department and the District.

Vendor shall not disseminate any publication, presentation, technical paper, or other information related to Vendor's duties and obligations under this Agreement unless such dissemination has been previously approved in writing by the Department and the District.

5.7 Rules of Construction. Unless the context otherwise requires or unless otherwise specified, the following rules of construction apply to this Contract:

A. Provisions apply to successive events and transactions;

B. "Or" is not exclusive;

C. References to statutes and rules include subsequent amendments and successors thereto;

D. The various headings of this Contract are provided for convenience only and shall not affect the meaning or interpretation of this Contract or any provision hereof;

E. If any payment or delivery hereunder shall be due on any day that is not a business day, such payment or delivery shall be made on the next succeeding business day;

F. "Days" shall mean calendar days; "Business day" shall mean a weekday (Monday through Friday), excepting County holidays, between the hours of 8:30 a.m. Central Time and 5:00 p.m. Central Time;

G. Use of the male gender (e.g., "he", "him", "his") shall be construed to include the female gender (e.g., "she", "her"), and vice versa;

H. Words in the plural which should be singular by context shall be so read, and vice versa; and

I. References to "Department" shall include any successor Department or agencies thereto.

5.8 Severability. In the event that any provision, term or condition of this Agreement is declared void, unenforceable, or against public policy, then said provisions, term or conditions of this Agreement, and this Agreement shall be interpreted as far as possible to give effect to the parties' intent.

5.9 Survival of Obligations. Those obligations under this Agreement which by their nature are intended to continue beyond the termination or expiration of this Agreement shall survive the termination or expiration of this Agreement, including, but not limited to, provisions relating to confidentiality.

IN WITNESS WHEREOF, the Department and Vendor have caused this Agreement to be executed on the dates shown below by representatives authorized to bind the respective parties.

[Vendor]
Springfield Metro Sanitary District

By: Gregg Humphrey

Signature

Title: Director / Engineer

Date: 5-24-11

LISAP Administrative Department
Sangamon County Community Resources

By: Sharmin Doering

Signature

Title: Executive Director

Date: May 20, 2011

SANGAMON COUNTY DEPARTMENT OF COMMUNITY RESOURCES
LOW INCOME SEWER ASSISTANCE PROGRAM

2011 VENDOR AGREEMENT

County of Sangamon, Illinois

Agreement Between
Sangamon County Department of Community Resources
(Department)
and
City, Water, Light and Power

The County of Sangamon, Illinois, acting by and through the Department, 2833 South Grand Ave. East, Suite C100, Springfield, IL 62703 and City, Water Light and Power (Vendor), located at 201 E. Lake Shore, 62701 hereby enter the following Agreement, effective June 1, 2011.

WHEREAS, the Department administers the Low Income Sewer Assistance Program (LISAP) on behalf of the Springfield Metro Sanitary District (District) to users of District services as authorized by an Intergovernmental Agreement between the Department and the District; and

WHEREAS, the Department requires the cooperation of Vendor to provide for the most efficient delivery of benefits, in the form of billing credits, to eligible LISAP participants; and

WHEREAS, Vendor desires to provide its cooperation under the terms and conditions of this Agreement.

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties agree as follows:

Article 1. Term and Scope of Agreement.

1.1 Term. The term of this Agreement shall be from June 1, 2010, through May 31, 2011 unless the Agreement is otherwise terminated as set forth herein.

1.2 Renewal. At the sole option of the Department, this Agreement may be renewed upon the same terms and conditions for a period of two additional one year terms. The total terms of the Agreement, including and renewal thereof, shall not exceed three years.

1.3 Entirety of Agreement. The terms and conditions of this Agreement along with applicable Administrative Rules of the Department and any documents expressly incorporated herein shall constitute the entire preset agreement between the parties. This Agreement constitutes a total integration of all rights, benefits and obligations of the parties. This Agreement constitutes a total integration of all rights, benefits and obligations of the parties, and there exist no other agreements or understandings, oral or otherwise, that bind any of the parties regarding the subject matter of this Agreement. This Agreement supersedes and revokes any prior Agreement between the parities as to the subject matter of this Agreement.

Article 2. Termination.

2.1. Availability of Funds. This Agreement is subject to the availability of Department appropriation from the District or the availability of such District funds for the purpose outlined in the Agreement. The Department's obligations hereunder shall cease immediately, without penalty or further payment being required, in any year for which the District chooses not to or fails to make an appropriation of funds for the LISAP, or when the funds are exhausted.

2.2. Termination Without Cause. Notwithstanding any contrary provision in this Agreement, this Agreement may be terminated at the option of either party upon thirty (30) days' written notice to the other party. The terminating party shall be entitled to performance by the other party under the terms of this Agreement up to the time of termination, unless the funds are exhausted.

2.3. Nonwaiver. Failure of either party to insist on performance of any terms or condition of this Agreement or to exercise any right or privilege hereunder shall not be construed as a continuing or future waiver of such term, condition, right or privilege.

2.4 Inability to Perform. Failure by either party to perform its duties and obligations will be excused by unforeseeable circumstances beyond its reasonable control, including acts of nature, acts of the public enemy, riots, labor or material shortage, labor disputes, fire, fold, explosion, legislation, and governmental regulation.

Article 3. Vendor Responsibilities

3.1 Vendor Shall:

A. Accept payment from the Department for sewer assistance on behalf of eligible households.

B. Post or credit the account of the customer within 30 days of receipt of the payment from the Department.

C. Inform the Department of all clients' rejections and the reason(s) for rejection within 14 days of the date of rejection.

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IN WITNESS WHEREOF, the Department and Vendor have caused this Agreement to be executed on the dates shown below by representatives authorized to bind the respective parties.

[Vendor] City, Water, Light and Power	LISAP Administrative Department **Sangamon County Community Resources**
By: _____	By: Sharmin Doering
_____ Signature	_____ Signature
Title: _____	Title: Executive Director
Date:_____	Date: _____

Village CORNER

e Between Tradition and Progress"

SAVE THE DATE

Coffee with the Council - February 13, 2016
10:00 a.m., Main Street Train Station

Downtown Downers Grove Ice Fest - February 12-14, 2016
Visit www.downtowndg.org for more information.

Stormwater Utility Discussion - February 16, 2016
7:00 p.m., Village Hall
The *Stormwater Utility Report* is available at www.downers.us.

Sustainable Saturday Recycling Event - March 19, 2016
9:00 a.m. - noon, Benedictine University, Lisle
For more information call 630-271-4100 or
visit www.villageoflisle.org

DG Police Department Shredding Event - April 16, 2016
8:00 a.m. - noon, Village Hall east parking lot
for residents of Downers Grove

COOKING OIL COLLECTION

Due to the overwhelming turnout at the post-Thanksgiving cooking oil collection, the Downers Grove Sanitary District has decided to become a permanent collection site for used cooking oil. Cooking oil can be dropped off at the following location during business hours:

Downers Grove Sanitary District
2710 Curtiss Street
Monday-Friday
8:00 a.m. - 4:30 p.m.

There are now six locations in DuPage County that are open regularly for recycling cooking oil. For a list of all of the locations visit www.scarce.org.

mySuburbanLife.com

Downers Grove Village Council waives tax rebate agreement with Lemon Tree

Published: Tuesday, Jan. 26, 2016 11:00 a.m. CST

DOWNERS GROVE – The Downers Grove Village Council voted 5-2 to terminate a sales tax rebate agreement with Lemon Tree Grocer during its Jan. 19 meeting.

By terminating the agreement, the village is waiving its right to retrieve $25,169 in rebate revenue from the business, dependent on a few conditions.

The agreement was made between the village and Lemon Tree in 2012 and stated the village would rebate the sales tax on all of the business's grocery sales as long as it remains primarily a grocery store.

Lemon Tree is currently closed, with plans to reopen with a larger restaurant and smaller grocery area.

In the agreement, Lemon Tree is required to pay back 75 percent of the rebate it has received because its new business model no longer fits the conditions of being primarily a grocery store.

Lemon Tree co-owner Shaun Black requested the village instead terminate the agreement.

Mayor Martin Tully proposed that the village waive the payback as long as Lemon Tree reopens no later than Oct. 1 and has a minimum 1,000 square-foot grocery space.

Commissioners Bob Barnett and Bill Waldack voted against terminating the agreement, saying letting Lemon Tree off the hook for paying back the rebate revenue would set a bad precedent.

"The proposal leaves open a lot of questions about how we operate with our tax agreements," Barnett said.

Waldack was more critical with his comments, saying the village was giving preferential treatment to a failed business.

Tully said the situation was unique because it was the village that proposed the sales tax rebate in order to attract a grocery to the downtown.

"The agreement did work for five years," he said. "For five years, there was a grocery store in the downtown."