

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda
September 13, 2018
8:00 a.m.
Meeting will be held at the Glenbard Wastewater Plant
945 Bemis Rd, Glen Ellyn, IL

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Public Comment
5. Consent Agenda – The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for the Month of June, July, and August 2018 totaling \$3,7836,008.32 (Trustee Enright).

- 5.1 Executive Oversight Committee Meeting Minutes:
June 14, 2018 EOC Meeting
- 5.2 Vouchers Previously Reviewed by:
June, July, and August 2018 – Trustee Enright
- 5.3 Approval of Purchase of Biogas Media

As part of the new CHP system, the biogas being used to fuel the generators needs to be cleaned of hydrogen sulfides and siloxanes, which would cause damage to the internal CHP engine parts that are essential to the system. The scrubbing of the gas in key to increasing the overall life of the engines.

The current media has reached its useful life and needs to be replaced. Calls were made to 3 other local plants in the area that have the same equipment, and they all go with Unison for the media, so we were unable to find more suppliers of the media to attempt to get prices than what we have listed in the memo. Also, the gas scrubbing system itself is manufactured by Unison, so ideally their media is the best to use – however it is possible to use 3rd party sources, if available.

In the 2018 GWA budget, staff allocated \$75,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40 580150. This purchase is

well below this budgeted amount. The Authority recommends approving the purchase from Unison Solutions in the not-to-exceed amount of \$24,675.75 that would come out of account 40-580150.

5.4 Roof Contract Award

On Tuesday, August 28, 2018, eight (8) bids were opened for the Roof Replacement at Buildings P and T. The low Base Bid of \$142,270.00 was submitted by Adler Roofing and Sheet Metal, Inc. of Joliet, Illinois. The highest bid received was \$249,550. See attached Bid Tabulation Sheet for a complete summary of the bids.

The budgeted amount for CY2018 for this project was \$84,723, putting this projection \$57,547 above the budgeted amount. However, prior to going to bid, the Authority's new roofing consultant had advised us that the budgeted amount for the work was low, which is demonstrated by the good range of bids received. The Consultant has been working with the Authority to revise future budget amounts. Also attached is a spreadsheet showing the over/under total for Fund 40 projects, which includes this projected amount above budget, but does not include any overages from the FIP project. As demonstrated, excluding the FIP project, overall the Authority is under budget on Fund 40 projects, therefore this overage does not affect the budget significantly.

Based on the recommendation of the Authority's roofing consultant, it is recommended that the Authority award the contract to Adler Roofing and Sheet Metal for the Roof Replacement at Buildings P and T in the amount of \$142,270, which would come out of Fund 40-580145.

6. CY2019 Draft Budget Review

Enclosed in the agenda is a memo highlighting the significant budgetary impacts for CY2019 and how they compare to CY2018. Also enclosed are pertinent sheets from the Draft CY2019 budget, and the full detail will be able to be discussed at the meeting.

7. Facility Improvement Project Change Order No. 005

The Technical Advisory Committee (TAC) has previously reviewed the change order documents and is aware of the proposed changes. Based on the review of the items included in the change order by the TAC committee, at the time the Authority recommends approval of the proposed Facility Improvements Project Change Order No. 005 in the amount of \$6,425.98, increasing the overall contract cost from \$17,694,832.84 to \$17,701,258.82. This change order involves two credits and one additional cost item that is non-negotiable, as explained in further detail in the enclosed memo.

8. Discussion

8.1 Facility Improvement Project Update

- 8.2 Pretreatment Ordinance Status Update
- 8.3 CHP Updates
- 8.4 Personnel Updates – Assistant Director Introduction
- 9. Other Business
 - 9.1 Technical Advisory Committee Minutes
 - 9.2 Pending Agenda Items
 - 9.3 GWA Annual Full Board Meeting Date – The Full Board Meeting with both Village’s full boards in attendance to approve the Glenbard Wastewater Authority’s CY2019 Budget, is set for **Thursday, November 15, 2018 at 6:00 pm** in the Community Room of the Village of Lombard Village Hall, 255 E Wilson Avenue, Lombard, IL 60148.
- 10. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, October 11, 2018 at 8:00 a.m. in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, IL 60137.***
- 11. Executive Session – Materials to be Provided Under Separate Cover

Motion the EOC to adjourn to Executive Session for the purposes of discussing the purchase of real estate property for the use of the public body. The EOC will not be returning to open session after adjournment of the Executive Session.

Executive Session Materials to be provided under separate cover!

April 2018 Directors Report

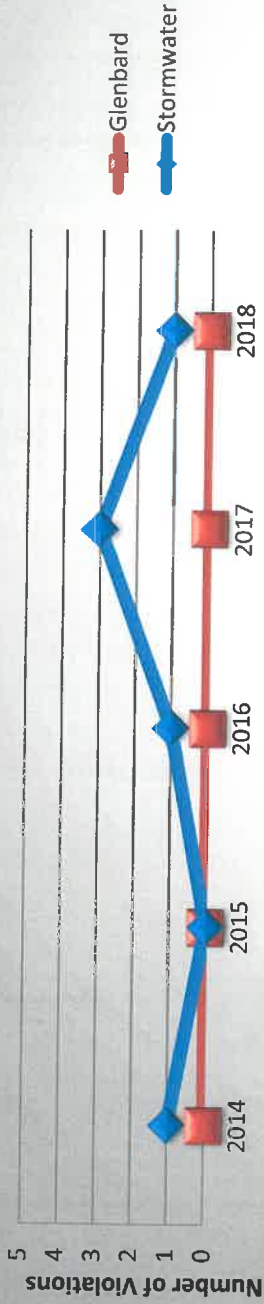


Table of Contents

- Process Review
- Key Performance Indicators
- O&M Expense Reporting – Not available this month
- Capital Project Updates
- Environmental Resources Coordinator Report
- Annual Review of O&M Work Orders
- Combined Heat & Power Production & Return On Investment Report



NPDES Permit Violations



Glenbard Plant: *Current Record

2004 Days February 4, 2013 through July 31, 2018

Previous excursion free operating record:

1058 Days September 8, 2007 – April 10, 2010

Stormwater Facility:

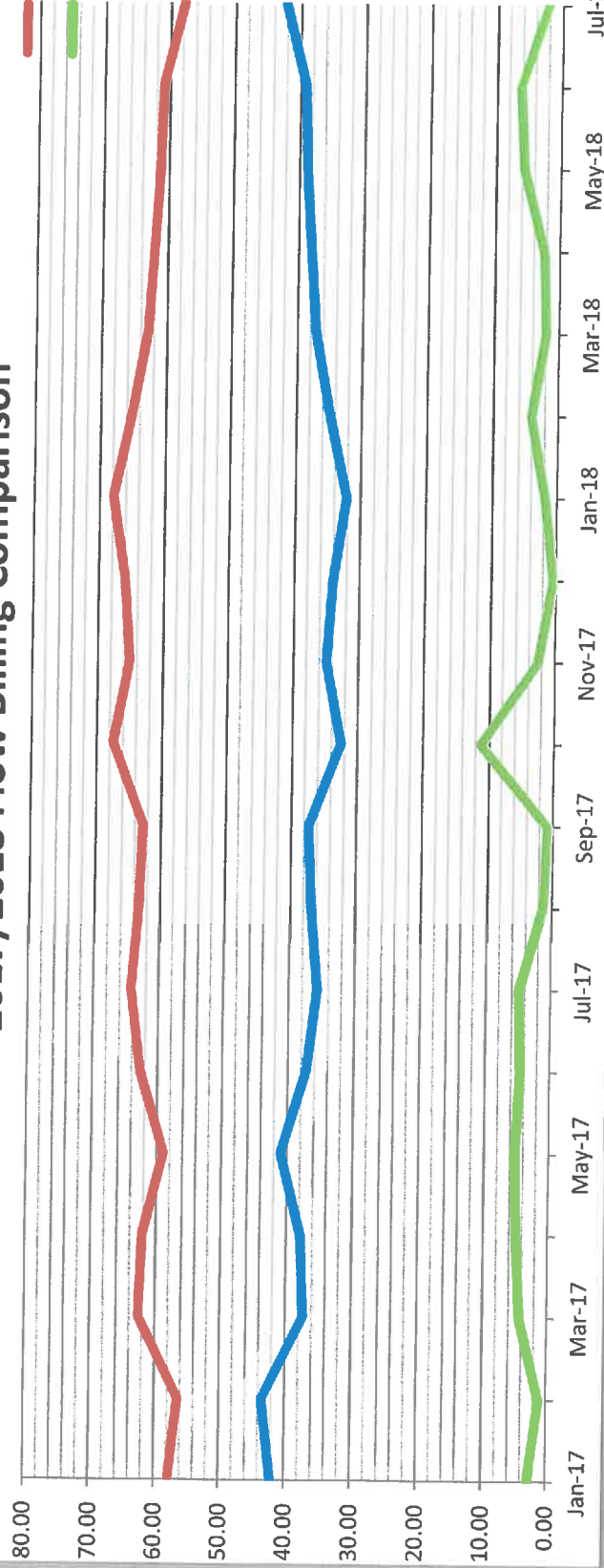
108 Days April 15, 2018 through July 31, 2018

Current excursion free operating record:

1140 Days July 11, 2009 through August 27, 2012

2017/2018 Flow Billing Comparison

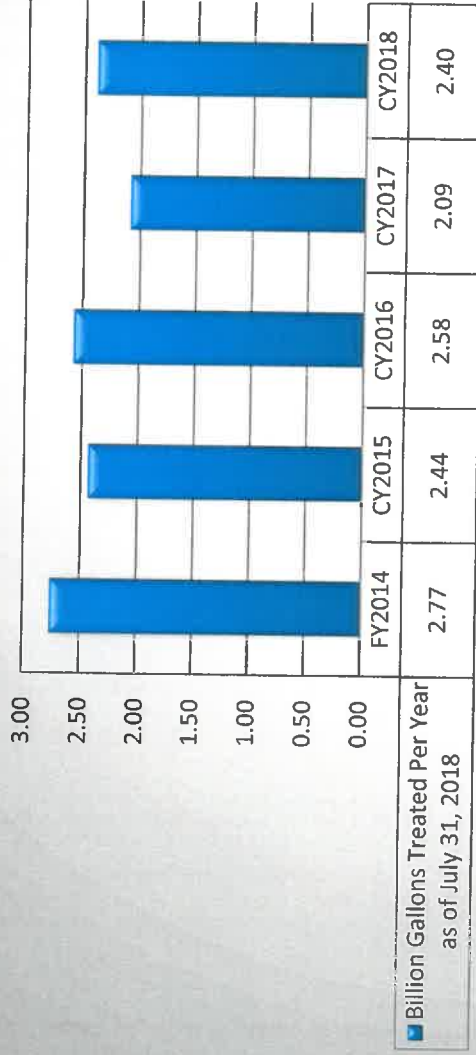
— Glen Ellyn %
 — Lombard %
 — Rain Amt



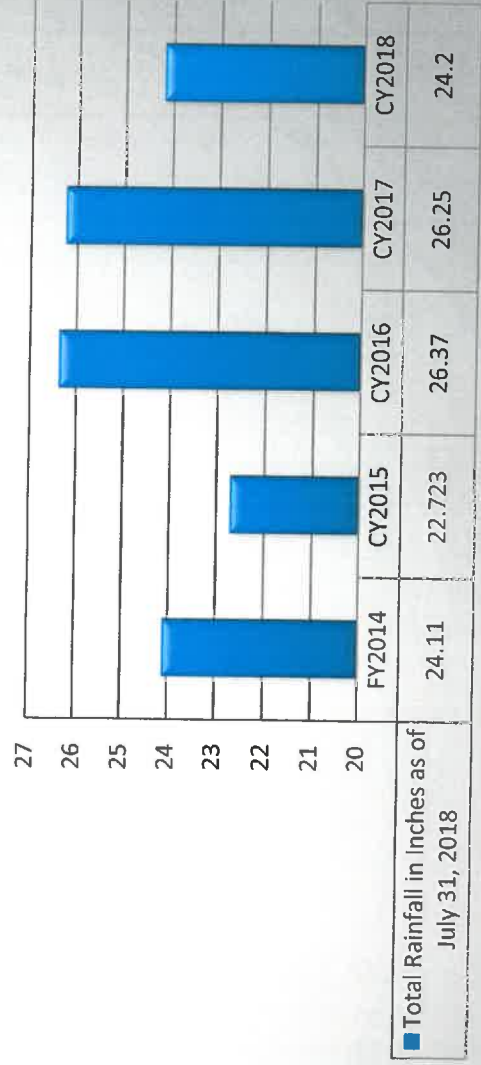
Glen Ellyn %	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18
Lombard %	57.91	56.51	62.69	62.14	59.03	62.77	64.29	63.229	62.74	67.48	65.11	65.9641	67.8625	65.1904	62.901	62.0747	61.2896	60.9583	57.8202
Rain Amt	2.93	1.24	4.31	4.91	5.21	4.61	4.92	1.385	0.72	11.21	2.61	0.345	1.82	4.07	1.945	2.35	5.6	6.265	2.135



Billion Gallons Treated Per Year as of July 31, 2018



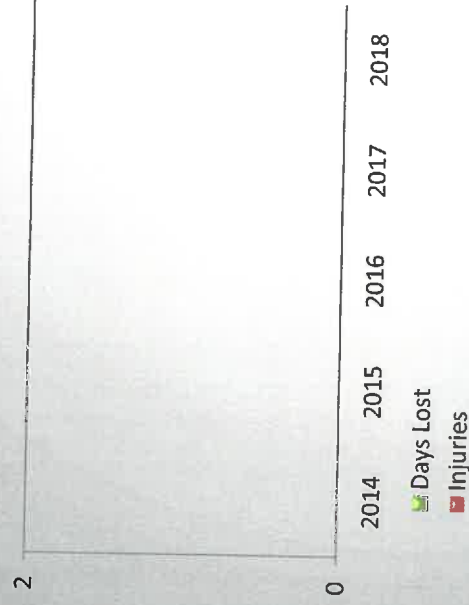
Total Rainfall in Inches as of July 31, 2018



The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts



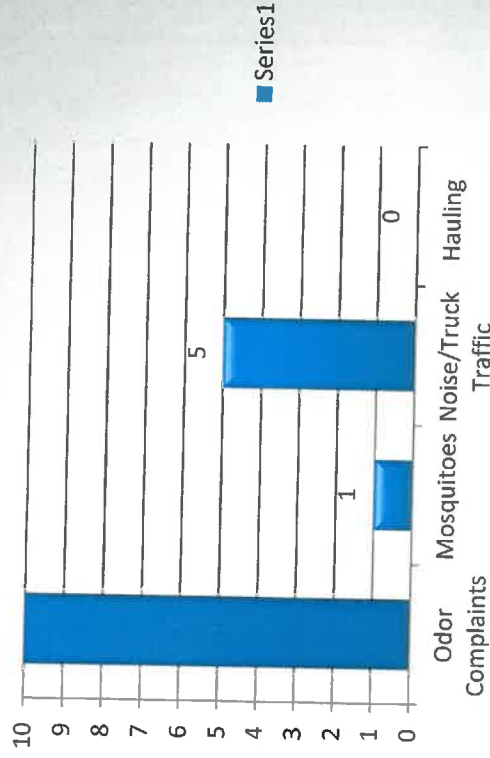
Injuries + Lost Time



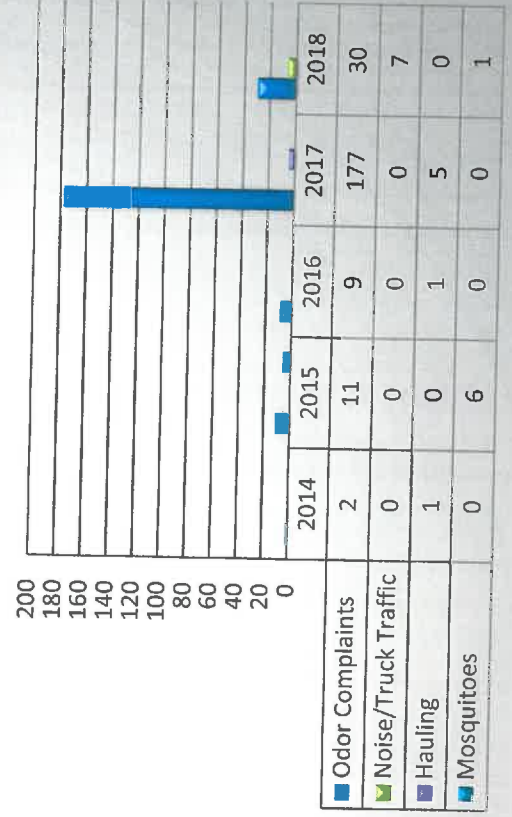
Years	2014	2015	2016	2017	2018
Injuries	0	0	0	0	0
Days Lost	0	0	0	0	0



July 2018 Complaints



Annual Complaint Comparison



July O&M Expense \$ Reporting

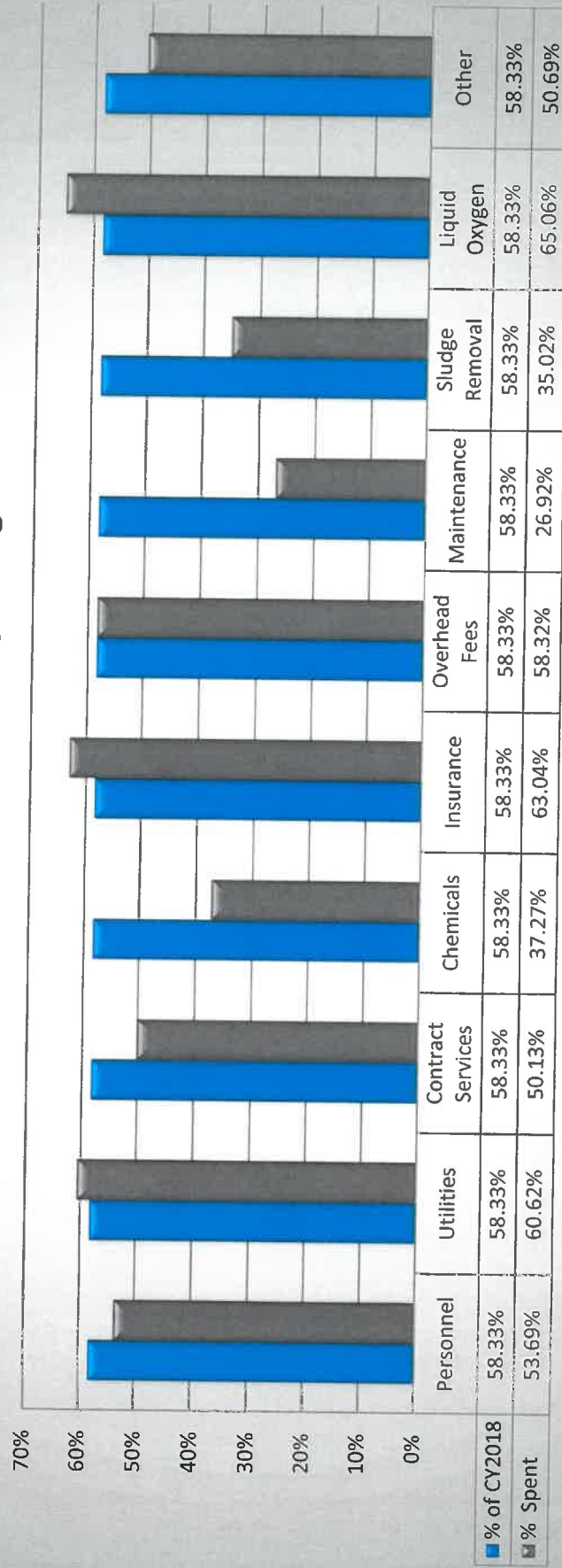


CY2018 Budget Spent Year to Date	Personnel \$1,612,000	Utilities \$623,400	Contract Services \$344,900	Chemicals \$115,000	Insurance \$411,400	Overhead Fees \$129,300	Maintenance \$279,900	Sludge Removal \$220,000	Liquid Oxygen \$325,000	Other \$325,500
% of CY2018	\$865,554	\$377,894	\$172,907	\$42,863	\$259,341	\$75,408	\$75,351	\$77,045	\$211,434	\$164,982
% Spent	53.69%	60.62%	50.13%	37.27%	63.04%	58.32%	26.92%	35.02%	65.06%	50.69%

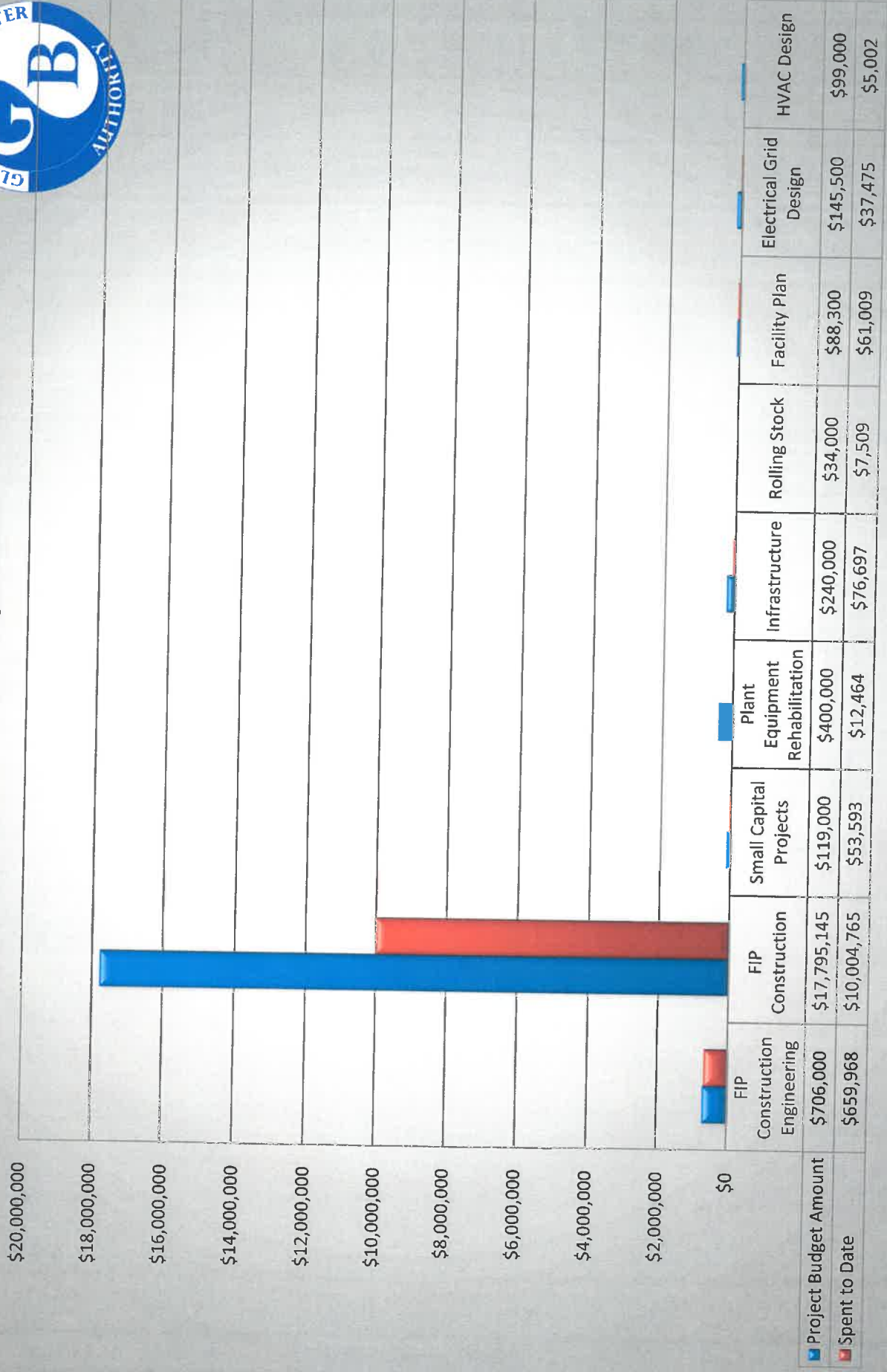




July O&M Expense % Reporting



May 2018 Project Updates



Description	Project Budget Amount	Spent to Date	April Updates
FIP Construction Engineering	\$706,000	\$659,968	See Updated FIP Project Report in the EOC Packet
FIP Construction	\$17,795,145	\$10,004,765	
Small Capital Projects	\$119,000	\$53,593	* Not all Paid Out*
Plant Equipment Rehabilitation	\$400,000	\$12,464	Through July 31, 2016
Infrastructure	\$240,000	\$76,697	Through July 31, 2017
Rolling Stock	\$34,000	\$7,509	Through July 31, 2018
Facility Plan	\$88,300	\$61,009	Through July 31, 2019
Electrical Grid Design	\$145,500	\$37,475	Through July 31, 2018 (\$150K budgeted)
HVAC Design	\$99,000	\$5,002	Through July 31, 2018 (\$250K budgeted)
			Through June 30, 2018 (\$75K budgeted)

SECTION 5.0

CONSENT AGENDA

SECTION 5.1

MINUTES FROM THE JUNE 14, 2018 MEETING

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Minutes
June 14, 2018
Meeting held at the Glenbard Wastewater Plant
945 Bemis Road, Glen Ellyn, IL

Members Present:

Keith Giagnorio	President, Village of Lombard
Mike Fugiel	Trustee, Village of Lombard
Bill Enright	Trustee, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Brian Jack	Utilities Superintendent, Village of Lombard
Julius Hansen	Public Works Director, Village of Glen Ellyn

Others Present:

Matthew Streicher	Executive Director, GWA
Rick Freeman	Electrical Superintendent, GWA
David Goodalis	Operations Superintendent, GWA
Jon Braga	Interim Maintenance Superintendent, GWA
Christina Coyle	Finance Director, Village of Glen Ellyn
Gayle Lendabarker	Administrative Secretary, GWA

1. Call to Order at 8:00 a.m.
2. Roll Call: President Giagnorio, Trustee Fugiel, Trustee Enright, Mr. Franz, Mr. Jack and Mr. Hansen answered "Present". President McGinley was excused.
3. Pledge of Allegiance
4. Public Comment
5. Consent Agenda - The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for the Month of April and May 2018 totaling \$396,184.08 (Trustee Enright).

Mr. Franz motioned and Mr. Goldsmith seconded the MOTION that the following items on the Consent Agenda be approved. President Giagnorio, President McGinley, Trustee Enright, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded "Aye" during a roll vote. The motion carried.

- 5.1 Executive Oversight Committee Meeting Minutes:
 - March 8, 2018 EOC Meeting
 - 5.2 Vouchers previously reviewed by Trustee Enright
 - March 2018
6. Approval 2018 Facility Plan Agreement

In November 2017 Authority staff developed and sent out a request for qualifications and technical proposals to our six shortlisted professional consulting firms for the 2018 Facility Plan. The due date for the proposals was February 28, 2018. The development of a new 10-year Facility Plan provides the opportunity to take a comprehensive look at the current and future needs of the Authority's treatment facilities.

The Authority received five sets of qualifications and technical proposals in response to the RFQ/RFP that was sent out, at which point staff performed an initial review, and narrowed it down to two firms to invite for formal interviews. A member of the TAC, as well as Authority staff, participated in the interviews, and after a process of evaluation and elimination selected Trotter & Associates, Inc. to perform the work. It is recommended the EOC award Trotter & Associates, Inc. the 2018 Facility Plan Services in the amount not to exceed \$88,300. This amount will be taken out of the designated amount in CY2018 Approved Budget, Fund 40 Capital, for the Facility Plan, which is currently budgeted at \$150,000.

President McGinley motioned and Mr. Goldsmith seconded the motion to award the 2018 Facility Plan Services contract to Trotter & Associates, Inc. of St. Charles Illinois, in the amount not to exceed \$88,300 to be charged to the approved CY2018 Approved Budget 40-580180. President Giagnorio, President McGinley, Trustee Enright, Mr. Franz, Mr. Goldsmith and Mr. Hansen responded "Aye" during a roll vote. The motion carried.

Mr. Streicher summarized the process used to request proposals for the 2018 Facility Plan which is an evaluation done to help GWA plan for future capital projects. Mr. Franz asked what the time frame for completion was. Mr. Streicher advised that the report should be completed by the end of 2018 and will need to be submitted to the IEPA for review, place in a file and reference back to in the event GWA decides to pursue SRF funding through them for any projects, they will be able to see that it was something that had been highlighted as a future project.

Trustee Enright asked if this facility plan would become a document for future equipment/process planning. Mr. Streicher confirmed that the plan will be used to develop future capital projects, especially at the CSO plant since the equipment is outdated and help prioritize them.

Trustee Enright asked if the CSO facility operates in the same manner as the main plant. Mr. Streicher advised that the process is somewhat similar but not nearly as involved and that chemicals are only used for disinfection purposes.

Mr. Goldsmith asked if there were any factors that would preclude Trotter & Associates from submitting engineering proposals on any projects that may result from the facility plan. Mr. Streicher advised there were not and in fact it puts them in a better position since they would have more knowledge.

Mr. Franz asked of odor reductions would be something that Trotter looked as well. Mr. Streicher indicated that they would be evaluating odor control projects and not eliminating odors from the process and do to these more as of an overview of options as some odor control projects can be millions of dollars just for the benefit of a small number of residents. Mr. Streicher added that they will be looking at a range of small scale to large scale projects that would help in controlling or eliminating the odors.

Mr. Hansen reminded the Committee that Trotter & Associates was the firm that stepped quickly to assist with the air quality testing during the odor issues last August.

7. Approval of Facility Improvement Project Change Order No. 004

The Technical Advisory Committee (TAC) reviewed the documents and along with the Authority's legal consul, recommends approval of the proposed Facility Improvements Project Change Order No. 004 in the not to exceed amount of a **\$294,571.47** being presented to the EOC. Due to the higher cost of this proposed change order, the Authority performed due diligence in vetting the costs, and ensuring they are accurate and justified. In addition to the Authority and its consultants investigating the costs, additional layers of support were utilized for this review, including a contract negotiator (Roger McCarron) and the Authority's legal consul. This change order is a request in which the majority of the equipment substantially affects the critical path of the project as identified in comments in the attached memo. The FIP project change order request is addressing a multitude of issues relative to mostly electrical aspects of the project. The change order will increase the overall project cost from \$17,500,573.66 to **\$17,795,145.13**.

President McGinley motioned and Mr. Franz seconded the motion to approve Change Order 004 to the Facilities Improvement Project for an amount not to exceed \$294,571.47 increasing the overall contract price from \$17,500,573.66 to \$17,795,145.13. President Giagnorio, President McGinley, Trustee Enright, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded "Aye" during a roll vote. The motion carried.

Mr. Streicher indicated that the amount of the change order is the worse-case scenario and has already been reduced by approximately \$40,000 since the EOC Packet was distributed and negotiations are ongoing by all parties to reduce the amount as much as possible. Mr. Streicher indicated that bullet points number two (2) and three (3) are still being negotiated as well as some of the items are time sensitive and require decisions before May 1st in order to avoid any additional price escalations.

Mr. Franz asked Mr. Streicher if he confident this was going to be the last change order for the project. Mr. Streicher advised there he was confident that there would be more since the contractor had not even started work on the other part of the project. Mr. Streicher also reminded the EOC Committee that other than the large \$1.3 million change order that was approved, this change order was actually their first change asking for an increase as change orders #1 and #2 were both reductions in costs.

Trustee Enright asked which bullet points saw reductions. Mr. Streicher indicated that bullet points #2 and #3 were reduced as the contractor agreed to pay half of the costs associated with those items. Mr. Streicher indicated that he had countered offered that Boller pay 100% of the costs on item #2 and GWA pay 100% of the costs for item #3, but he is waiting for a response on this offer which would reduce the change order by approximately another \$20,000. Mr. Enright asked why the price increases from 2016 to 2018. Mr. Streicher indicated that the on some the items cannot be pre-made and therefore as a result of various project delays, the material and labor costs have increased from the time of the original proposal to the time of the planned actual production. Mr. Streicher indicated that all parties are making an effort to keep things from escalating like the ERS system did which resulted in a third-party coming in to help negotiate.

Mr. Goldsmith indicated that some of the items appears to be oversights or errors by the design engineering firm and asked if any thought had been given to going back to them and asking them to help offset or cover some of the costs. Mr. Streicher indicated that he had thought about, but the mentality became if these had been designed properly to begin with, we would be paying these costs anyway minus all of the price escalations. Mr. Goldsmith indicated these issues certainly needs to be kept in the back of everyone's mind if and when Black & Veatch comes back with a change order for construction oversight services. Mr. Streicher indicated that he fully anticipates a change order from them and has highlighted these issues to them.

Mr. Goldsmith asked if the IPEA loan will cover the change orders. Mr. Streicher indicated that the loan only covers \$16,725,000. Mr. Goldsmith asked if GWA's budget can handle the current anticipated overage. Mr. Streicher indicated it could and that GWA could seek an increase on the loan amount from the IEPA; however, the process would involve repeating all of the loan application steps that GWA did when applying for the loan originally. Mr. Streicher indicated that while the capital plan can absorb the additional costs, the plan will need to be reviewed and re-evaluate to determine which

projects can be moved to later years and not have a negative impact on the plant operations.

8. Discussion

8.1 Facility Improvement Project Update

Mr. Streicher advised that the last of the new disc filters were installed and the April 1st operation date was met; however, there are some loose ends that need to be wrapped up but they are installed and operating. Mr. Streicher indicated that the ERS was supposed to have broken ground the previous week but he is optimistic that by the next EOC Committee progress will be visible.

Mr. Streicher added that the Boller has been aggressive in submitting proposals as per the terms of Change order 003, and as an act of good faith agreed to authorize payment for several changes orders equal to approximately 50% of nearly the \$1 million dollars currently being held, so they could pay their contractors and not have to worry about a work stoppage by their sub-contractors.

Mr. Hansen asked Mr. Streicher to elaborate on the what was found in the digester when it was cleaned. Mr. Streicher advised that the old sand filter beds would need to be backwashed to help keep them cleaned as a result a large of the sand would be washed out of the beds, dumped back into the head of the plant process and would eventually settle in the digesters and in 2016 when digester number one was cleaned there was six feet of sand ringing the inside perimeter of the digester and the number which was just cleaned at six to eight feet of sand on the inside perimeter and in the future as a result of the new disc filters, sand will no longer be getting into the digester which will free up operational volume in all of the digesters and enhance the performance of the process and less wear and tear on equipment.

Mr. Franz encouraged Mr. Streicher to keep the contractor moving in the right direction and get the disc filter system closed out.

8.2 Pretreatment Ordinance Status Update

Mr. Streicher advised that the US EPA is still reviewing the Village of Lombard's Pretreatment ordinance and GWA has not received the Village of Glen Ellyn's entire Pretreatment ordinance but the goal and hope is that it is a mirror of the one submitted by the Village of Lombard; therefore, any comments, recommendations

or changes needed would be applied to the Village of Glen Ellyn's as well and once revised they would need to be adopted by each village and the submitted to the US EPA.

Mr. Goldsmith advised that Wheaton Sanitary District will need to comply with the ordinance as well since part of Glen Ellyn is serviced by them. Mr. Franz indicated he will need to have discussions with DuPage County

8.3 Project Engineer Status Update

Mr. Streicher indicated that there had been two candidates interviewed however there was one last minute submission and as the person has acceptable experience and credentials the decision was made to bring him in for a combination first and second interview later in the day and was hopeful that by the next EOC Committee meeting the would be able to announce that who the new hire is.

Mr. Franz asked how the intake of FOG was going. Mr. Streicher indicated that with the digester cleaning, it was not feasible to bring in trucks. Ms. Frieders indicated that she is still pursuing vendors. Mr. Hansen asked if May 1st was a more feasible date. Ms. Frieders advised that she was hoping at least that date if not before.

9. Other Business

9.1 Technical Advisory Committee Updates

9.2 Pending Agenda Items

10. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, May 10, 2018 at 8:00 a.m. in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, Illinois.***

Mr. Franz asked a May meeting would be necessary. Mr. Streicher indicated that the proposals for the Administration Building HVAC system were due to be received and will most likely exceed the \$20,000 limit as well as the results of the line televising bids that GWA was having done in conjunction with the Village of Lombard. Mr. Goldsmith advised that the bid opening was early May thereby unlikely it would be included on the May EOC Committee agenda.

Trustee Enright highlighted GWA's non-permit violation record and was impressed that the count was 1,882 days. Mr. Streicher advised that each NACWA awards bronze, Silver, Gold and Platinum Awards for plant performance and that GWA is closing in on it's fifth (5th) year and fifth Gold Award, without any violations and should be eligible for the Platinum Award in 2019.

President McGinley moved to adjourn the April 12, 2018 EOC Meeting and Mr. Goldsmith seconded the MOTION. *President Giagnorio, President McGinley, Mr. Enright, Mr. Franz, Mr. Goldsmith, and Mr. Hansen responded “Aye” during a roll vote. The motion carried. The meeting adjourned at 8:45 a.m.*

Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary

SECTION 5.2

VOUCHERS

JUNE, JULY AND

AGUSUT 2018

GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
For the meeting in Sept 2018

<u>EXPENDITURES:</u>	<u>Check Date</u>	<u>Paid Amount</u>
Accounts Payable Warrant 0618-1	6/15/2018	\$865,530.44
Accounts Payable Warrant 0618-2	6/29/2018	\$176,960.87
Accounts Payable Warrant 0718-1	7/17/2018	\$483,604.15
Accounts Payable Warrant 0718-2	7/31/2018	\$75,614.54
Accounts Payable Warrant 0818-1	8/17/2018	\$107,095.41
Accounts Payable Warrant 0818-2	8/30/2018	\$1,664,293.05
	Warrant Total	<u>\$3,373,098.46</u>
		<u>\$3,373,098.46</u>

<u>PAYROLL EXPENDITURES:</u>	<u>June 8, 2018</u>	<u>June 22, 2018</u>	<u>July 6, 2018</u>	<u>July 20, 2018</u>	<u>August 3, 2018</u>	<u>August 17, 2018</u>	<u>August 31, 2018</u>
Net Employee Payroll Checks	<u>\$33,943.96</u>	<u>\$</u>	<u>32,748.63</u>	<u>\$</u>	<u>33,840.03</u>	<u>\$33,205.89</u>	<u>\$ 33,124.94</u>
Employee & Employer Payroll Deductions:							
Employee Deductions*	\$16,751.45	\$16,371.32	\$17,534.54	\$16,288.48	\$17,298.23	\$17,029.89	\$17,206.14
IMRF - Employer contribution	\$4,580.52	\$4,510.84	\$4,748.25	\$4,368.46	\$4,647.72	\$4,663.00	\$4,641.90
Social Security/Medicare Tax Withheld - Employer portion	\$3,714.65	\$3,601.77	\$3,829.01	\$3,547.87	\$3,742.20	\$3,680.81	\$3,670.40
Total Payroll	<u>\$ 58,990.58</u>	<u>\$ 57,232.56</u>	<u>\$ 60,685.66</u>	<u>\$ 56,249.91</u>	<u>\$ 59,528.18</u>	<u>\$ 58,579.59</u>	<u>\$ 58,643.38</u>
							<u>\$ 409,909.86</u>

GRAND TOTAL

\$3,783,008.32

* Employee deductions include contributions for pensions, health insurance, union dues and other employee directed deductions such as tax withholdings, 457 & 125 plan contributions and

09/04/2018 10:57
maryr

GWA Live
PAID WARRANT REPORT

P 3
appdwarr

WARRANT: 0618-1

TO FISCAL 2018/08 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
1269 FIRST FENCE, INC. 18992 05/25/18 INVOICE: 32425				957422	P	06/15/18	270-1 520970	MAINTENANCE-BUILDING & GR	4,265.00
VENDOR TOTALS				4,265.00	YTD INVOICED		4,265.00	YTD PAID	4,265.00
293 VILLAGE OF GLEN ELLYN 19022 06/01/18 INVOICE: 19022				957423	P	06/15/18	270 521203	WATER	19.86
19023 06/01/18 INVOICE: 19023				957423	P	06/15/18	270 521203	WATER	2,529.17
VENDOR TOTALS				129,102.91	YTD INVOICED		129,102.91	YTD PAID	2,549.03
1072 GOLDSTINE, SKRODZKI, RUSSIAN, NEMEC AND HOFF LTD. 18993 06/06/18 INVOICE: 141278				957424	P	06/15/18	270 520700	LEGAL-GENERAL COUNSEL	479.40
18994 06/06/18 INVOICE: 141279				957424	P	06/15/18	270 520700	LEGAL-GENERAL COUNSEL	510.00
VENDOR TOTALS				14,953.20	YTD INVOICED		14,953.20	YTD PAID	989.40
297 W.W. GRAINGER, INC. 18995 05/29/18 INVOICE: 9800315120				957425	P	06/15/18	270 520980	MAINTENANCE-ELECTRONICS	63.36
18996 05/31/18 INVOICE: 9803864348				957425	P	06/15/18	270 520980	MAINTENANCE-ELECTRONICS	58.71
18997 06/06/18 INVOICE: 9810284167				957425	P	06/15/18	270 530225	SAFETY RELATED EQUIPMNT/S	88.08
18998 06/08/18 INVOICE: 9812666122				957425	P	06/15/18	270 530225	SAFETY RELATED EQUIPMNT/S	-88.08
18999 06/07/18 INVOICE: 9811735951				957425	P	06/15/18	270 530225	SAFETY RELATED EQUIPMNT/S	83.39
VENDOR TOTALS				7,654.73	YTD INVOICED		7,654.73	YTD PAID	205.46
743 GROOT, INC 19001 06/01/18 INVOICE: 1858666				957426	P	06/15/18	270 520991	OPERATIONS - CONTRACTUAL	374.80
VENDOR TOTALS				2,445.87	YTD INVOICED		2,445.87	YTD PAID	374.80
1166 IDEA MARKETING GROUP, INC 19002 06/01/18 INVOICE: 3637				957427	P	06/15/18	270 520981	ELECTRONICS CONTRACTUAL	350.00
VENDOR TOTALS				350.00	YTD INVOICED		350.00	YTD PAID	350.00
185 KONICA MINOLTA BUSINESS SOLUTIONS INC 19005 05/25/18 INVOICE: 9004622287				957428	P	06/15/18	270 530100	OFFICE EXPENSES	30.20

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TO FISCAL 2018/08 01/01/2018 TO 12/31/2018

VENDOR NAME

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GL ACCOUNT DESCRIPTION

VENDOR TOTALS

5,967.52 YTD INVOICED

5,967.52 YTD PAID

1,799.00

REPORT TOTALS

865,530.44

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	33	135,284.87
TOTAL WIRE TRANSFERS	4	730,245.57

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VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
19077 INVOICE:	06/05/18								
19078 INVOICE:	06/05/18			2367	W	06/28/18	270	SAFETY RELATED EQUIPMNT/S	87.49
19079 INVOICE:	06/05/18			2368	W	06/28/18	270	OFFICE EXPENSES	109.59
19081 INVOICE:	06/05/18			2369	W	06/28/18	270	TELECOMMUNICATIONS	165.93
19082 INVOICE:	06/05/18			2370	W	06/28/18	270	EMPLOYEE EDUCATION	463.30
19083 INVOICE:	06/05/18			2371	W	06/28/18	270	EMPLOYEE EDUCATION	68.42
19083 INVOICE:	06/05/18			2372	W	06/28/18	270	MAINTENANCE-BUILDING & GR	2,512.69
19083 INVOICE:	06/05/18								
VENDOR TOTALS				9,116.67	YTD			9,116.67 YTD PAID	4,405.36
47 CINTAS CORPORATION #769									
19038 INVOICE:	06/19/18			957449	P	06/29/18	270	BUILDING & GROUNDS CONTRA	207.78
19038 INVOICE:	769444582								
VENDOR TOTALS				1,765.68	YTD			1,765.68 YTD PAID	207.78
1218 COLLEY ELEVATOR CO.									
19039 INVOICE:	06/15/18			957450	P	06/29/18	270	BUILDING & GROUNDS CONTRA	192.00
19039 INVOICE:	173729								
VENDOR TOTALS				1,945.00	YTD			1,945.00 YTD PAID	192.00
1248 B&W CONTROL SYSTEMS INTEGRATION LLC									
19040 INVOICE:	06/22/18			957451	P	06/29/18	270	ELECTRONICS CONTRACTUAL	495.42
19040 INVOICE:	200018								
VENDOR TOTALS				43,847.22	YTD			43,847.22 YTD PAID	495.42
1138 CONSTELLATION ENERGY SERVICES INC									
19041 INVOICE:	06/12/18			957452	P	06/29/18	270	NATURAL GAS	853.32
19041 INVOICE:	2338821								
19041 INVOICE:	06/12/18			957452	P	06/29/18	270-1	NATURAL GAS	171.03
19041 INVOICE:	2338821								
19041 INVOICE:	06/12/18			957452	P	06/29/18	270	SELF-GEN GAS	372.13
19041 INVOICE:	2338821								
VENDOR TOTALS				45,692.50	YTD			45,692.50 YTD PAID	1,396.48
994 DIRECT ENERGY MARKETING, INC.									
19042 INVOICE:	06/25/18			957453	P	06/29/18	270	ELECTRIC POWER	76,318.58
19042 INVOICE:	181760035122966								
19042 INVOICE:	06/25/18			957453	P	06/29/18	270-1	ELECTRIC POWER	4,443.93
19042 INVOICE:	181760035122966								
19042 INVOICE:	06/25/18			957453	P	06/29/18	270-2	ELECTRIC POWER	2,564.83
19042 INVOICE:	181760035122966								
19042 INVOICE:	06/25/18			957453	P	06/29/18	270-3	ELECTRIC POWER	1,162.26
19042 INVOICE:	181760035122966								

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VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
19048	INVOICE: 3060504	05/25/18			957457	P	06/29/18	270	520980	MAINTENANCE-ELECTRONICS
VENDOR TOTALS			4,552.51	YTD INVOICED					4,552.51	YTD PAID
1147 ILLINOIS AMERICAN WATER COMPANY										
19049	INVOICE: 19049	06/06/18			957458	P	06/29/18	270-3	521203	WATER
VENDOR TOTALS			999.09	YTD INVOICED					999.09	YTD PAID
434 LAI, LTD.										
19050	INVOICE: 18-15630	06/18/18			957459	P	06/29/18	270	520980	MAINTENANCE-ELECTRONICS
VENDOR TOTALS			4,980.84	YTD INVOICED					4,980.84	YTD PAID
157 LEN'S ACE HARDWARE, INC.										
19051	INVOICE: 85038	06/06/18			957460	P	06/29/18	270	520975	MAINTENANCE-EQUIPMENT
VENDOR TOTALS			419.41	YTD INVOICED					419.41	YTD PAID
295 VILLAGE OF LOMBARD										
19064	INVOICE: 19064	06/11/18			957461	P	06/29/18	270-1	521203	WATER
19065	INVOICE: 19065	06/11/18			957461	P	06/29/18	270	521203	WATER
VENDOR TOTALS			29,007.24	YTD INVOICED					29,007.24	YTD PAID
171 MCMASTER-CARR SUPPLY CO.										
19052	INVOICE: 65583618	06/15/18			957462	P	06/29/18	270-1	520970	MAINTENANCE-BUILDING & GR
VENDOR TOTALS			5,343.34	YTD INVOICED					5,343.34	YTD PAID
209 NCL OF WISCONSIN INC										
19053	INVOICE: 407889	06/07/18			957463	P	06/29/18	270	530106	OPERATING SUPPLIES - LAB
VENDOR TOTALS			4,583.52	YTD INVOICED					4,583.52	YTD PAID
226 PORTER PIPE AND SUPPLY CO										
19054	INVOICE: 11758753-00	06/20/18			957464	P	06/29/18	270	520975	MAINTENANCE-EQUIPMENT
VENDOR TOTALS			11,116.49	YTD INVOICED					11,116.49	YTD PAID
233 PVS MINIBULK, INC										
19055		06/08/18			957465	P	06/29/18	270-1	530440	CHEMICALS

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VENDOR NAME

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GL ACCOUNT DESCRIPTION

VENDOR TOTALS

5,967.52 YTD INVOICED

5,967.52 YTD PAID

1,359.00

REPORT TOTALS

176,960.87

COUNT AMOUNT

30

TOTAL PRINTED CHECKS

157,471.28

16

TOTAL WIRE TRANSFERS

19,489.59

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VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	

VENDOR TOTALS		45,692.50	YTD INVOICED				45,692.50	YTD PAID	1,066.37
981 CROSS RHODES REPROGRAPHICS INC.									
19095 06/13/18				957480	P	07/17/18	270	OFFICE EXPENSES	71.60
INVOICE: 32282									
19096 06/28/18				957480	P	07/17/18	270	OFFICE EXPENSES	241.55
INVOICE: 32472									
VENDOR TOTALS		858.84	YTD INVOICED				858.84	YTD PAID	313.15
293 VILLAGE OF GLEN ELLYN									
19123 07/01/18				957481	P	07/17/18	270	WATER	19.86
INVOICE: 19123									
19124 07/01/18				957481	P	07/17/18	270	WATER	3,933.27
INVOICE: 19124									
VENDOR TOTALS		129,102.91	YTD INVOICED				129,102.91	YTD PAID	3,953.13
1072 GOLDSTINE, SKRODZKI, RUSSIAN, NEMEC AND HOFF LTD.									
19098 07/06/18				957482	P	07/17/18	270	LEGAL-GENERAL COUNSEL	346.80
INVOICE: 141783									
VENDOR TOTALS		14,953.20	YTD INVOICED				14,953.20	YTD PAID	346.80
743 GROOT, INC									
19099 07/01/18				957483	P	07/17/18	270	OPERATIONS - CONTRACTUAL	194.80
INVOICE: 1966656									
VENDOR TOTALS		2,445.87	YTD INVOICED				2,445.87	YTD PAID	194.80
1274 GSM FILTRATION, INC.									
19100 06/29/18				957484	P	07/17/18	270	OPERATIONS - SUPPLIES	4,483.00
INVOICE: 2598									
VENDOR TOTALS		4,483.00	YTD INVOICED				4,483.00	YTD PAID	4,483.00
119 HACH COMPANY									
19101 06/28/18				957485	P	07/17/18	270	OPERATING SUPPLIES - LAB	145.79
INVOICE: 11023542									
19102 06/29/18				957485	P	07/17/18	40	SMALL CAPITAL PROJECTS	4,197.40
INVOICE: 11026992									
VENDOR TOTALS		10,959.13	YTD INVOICED				10,959.13	YTD PAID	4,343.19
122 HOTSY OF CHICAGO, INC									
19103 06/25/18				957486	P	07/17/18	40	ROLLING STOCK - VEHICLES	7,509.30
INVOICE: 59918									
VENDOR TOTALS		7,509.30	YTD INVOICED				7,509.30	YTD PAID	7,509.30

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985 HOLSTEINS GARAGE 19104 06/30/18 INVOICE: 470				957487	P	07/17/18	270 520975	MAINTENANCE-EQUIPMENT	35.00
VENDOR TOTALS			367.00 YTD INVOICED					367.00 YTD PAID	35.00
538 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY 19127 05/14/18 INVOICE: 17				2374	W	07/16/18	40 550960	IEPA DIGESTER INTEREST	267,657.77
19127 05/14/18 INVOICE: 17				2374	W	07/16/18	40 550110	IEPA DIGESTER PRINCIPAL	50,842.87
VENDOR TOTALS			637,001.28 YTD INVOICED					637,001.28 YTD PAID	318,500.64
1147 ILLINOIS AMERICAN WATER COMPANY 19105 06/26/18 INVOICE: 19105				957488	P	07/17/18	270-3 521203	WATER	124.12
VENDOR TOTALS			999.09 YTD INVOICED					999.09 YTD PAID	124.12
430 ILLINOIS EPA FISCAL SERVICES SEC. 19106 06/28/18 INVOICE: 19106				957489	P	07/17/18	270 520775	REGULATORY FEES	52,500.00
19107 06/28/18 INVOICE: 19107				957489	P	07/17/18	270-1 520775	REGULATORY FEES	20,000.00
VENDOR TOTALS			72,500.00 YTD INVOICED					72,500.00 YTD PAID	72,500.00
185 KONICA MINOLTA BUSINESS SOLUTIONS INC 19109 06/25/18 INVOICE: 9004712302				957490	P	07/17/18	270 530100	OFFICE EXPENSES	82.01
VENDOR TOTALS			488.38 YTD INVOICED					488.38 YTD PAID	82.01
1133 LAUTERBACH & AMEN, LLP 19126 06/18/18 INVOICE: 29073				957491	P	07/17/18	270 520825	AUDIT FEES - PROF SERVICE	2,000.00
VENDOR TOTALS			11,100.00 YTD INVOICED					11,100.00 YTD PAID	2,000.00
1264 LAWSON PRODUCTS INC 19110 07/06/18 INVOICE: 9305950795				957492	P	07/17/18	270 520975	MAINTENANCE-EQUIPMENT	908.75
VENDOR TOTALS			2,213.06 YTD INVOICED					2,213.06 YTD PAID	908.75
171 MCMASTER-CARR SUPPLY CO. 19111 07/06/18 INVOICE: 67194640				957493	P	07/17/18	270 520975	MAINTENANCE-EQUIPMENT	170.57
19112 06/27/18 INVOICE: 66569506				957493	P	07/17/18	270 520975	MAINTENANCE-EQUIPMENT	96.27

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VENDOR NAME

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INVOICE: 604458

VENDOR TOTALS

2,678.13 YTD PAID

68.05

1190 VIKING CHEMICAL COMPANY

19122 06/25/18

957502 P 07/17/18 270

530440

CHEMICALS

674.03

INVOICE:

VENDOR TOTALS

674.03 YTD PAID

674.03

483,604.15

REPORT TOTALS

COUNT

AMOUNT

TOTAL PRINTED CHECKS
TOTAL WIRE TRANSFERS

30

152,807.76

2

330,796.39

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VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	19175	07/05/18			2382	W	07/30/18	270	530106	OPERATING SUPPLIES - LAB
	INVOICE:	CHASE-17								245.00
	19176	07/05/18			2383	W	07/30/18	270	530225	SAFETY RELATED EQUIPMNT/S
	INVOICE:	CHASE-18								5.79
	19177	07/05/18			2384	W	07/30/18	270	530106	OPERATING SUPPLIES - LAB
	INVOICE:	CHASE-19								38.25
	19178	07/05/18			2385	W	07/30/18	270	530100	OFFICE EXPENSES
	INVOICE:	CHASE-20								83.95
	19179	07/05/18			2386	W	07/30/18	270	520620	EMPLOYEE EDUCATION
	INVOICE:	CHASE-21								60.00
	19180	07/05/18			2387	W	07/30/18	270	530100	OFFICE EXPENSES
	INVOICE:	CHASE-22								52.94
	19181	07/05/18			2388	W	07/30/18	270	521195	TELECOMMUNICATIONS
	INVOICE:	CHASE-23								165.93
	VENDOR TOTALS			9,116.67	YTD	INVOICED			9,116.67	YTD PAID
										1,648.28
1160	CHICAGO METROPOLITAN FIRE PREVENTION CO.									
	19134	07/09/18			957508	P	07/31/18	270	520981	ELECTRONICS CONTRACTUAL
	INVOICE:	IN00189347								171.00
	VENDOR TOTALS			893.00	YTD	INVOICED			893.00	YTD PAID
										171.00
47	CINTAS CORPORATION #769									
	19156	07/17/18			957509	P	07/31/18	270	520971	BUILDING & GROUNDS CONTRA
	INVOICE:	769459433								207.78
	VENDOR TOTALS			1,765.68	YTD	INVOICED			1,765.68	YTD PAID
										207.78
490	COMCAST CABLE COMMUNICATIONS, LLC									
	19135	06/25/18			957510	P	07/31/18	270	521195	TELECOMMUNICATIONS
	INVOICE:	19135								202.59
	VENDOR TOTALS			1,620.72	YTD	INVOICED			1,620.72	YTD PAID
										202.59
994	DIRECT ENERGY MARKETING, INC.									
	19152	07/20/18			957511	P	07/31/18	270	521201	ELECTRIC POWER
	INVOICE:	182010035393232								26.18
	19152	07/20/18			957511	P	07/31/18	270-1	521201	ELECTRIC POWER
	INVOICE:	182010035393232								4,573.30
	19152	07/20/18			957511	P	07/31/18	270-2	521201	ELECTRIC POWER
	INVOICE:	182010035393232								2,577.32
	19152	07/20/18			957511	P	07/31/18	270-3	521201	ELECTRIC POWER
	INVOICE:	182010035393232								1,254.61
	VENDOR TOTALS			276,901.76	YTD	INVOICED			276,901.76	YTD PAID
										8,431.41
727	FIFTH THIRD BANK									
	GWA-136	06/27/18			2376	W	07/30/18	270	521195	TELECOMMUNICATIONS
	INVOICE:	GWA-1839								92.53

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VENDOR NAME DOCUMENT	INV DATE VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	

INVOICE: 11767646-00							
VENDOR TOTALS	11,116.49	YTD INVOICED			11,116.49	YTD PAID	107.57
952 PROGRAM ONE PROFESSIONAL BUILDING SERVICES INC. 19166 07/20/18 INVOICE: 114022		957525	P	07/31/18	270	BUILDING & GROUNDS CONTRA	210.00
VENDOR TOTALS	630.00	YTD INVOICED			630.00	YTD PAID	210.00
412 NESTLE WATERS NORTH AMERICA 19147 07/06/18 INVOICE: 18G8100616302		957526	P	07/31/18	270	OFFICE EXPENSES	115.84
VENDOR TOTALS	705.86	YTD INVOICED			705.86	YTD PAID	115.84
464 STRAND ASSOCIATES, INC. 19136 06/14/18 INVOICE: 139163	20180005	957527	P	07/31/18	40	ELECTRIC SVC DISTRIB SYS	7,877.55
VENDOR TOTALS	53,416.95	YTD INVOICED			53,416.95	YTD PAID	7,877.55
1271 SYNAGRO-WWT 19169 06/30/18 INVOICE: 20-132345		957528	P	07/31/18	270	SLUDGE DISPOSAL - LAND	9,044.00
VENDOR TOTALS	39,444.00	YTD INVOICED			39,444.00	YTD PAID	9,044.00
1240 TWIN OAKS LANDSCAPING, INC 19167 04/01/18 INVOICE: MN880801-0001	20180001	957529	P	07/31/18	270	BUILDING & GROUNDS CONTRA	2,650.00
19167 04/01/18 INVOICE: MN880801-0001	20180001	957529	P	07/31/18	270-1	MAINTENANCE-BUILDING & GR	835.00
VENDOR TOTALS	17,425.00	YTD INVOICED			17,425.00	YTD PAID	3,485.00
988 VERIZON WIRELESS SERVICES LLC 19148 07/01/18 INVOICE: 9810116487		957530	P	07/31/18	270	TELECOMMUNICATIONS	225.19
VENDOR TOTALS	5,128.47	YTD INVOICED			5,128.47	YTD PAID	225.19
REPORT TOTALS							75,614.54

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	28	60,084.56
TOTAL WIRE TRANSFERS	14	15,529.98

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VENDOR NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
293 VILLAGE OF GLEN ELLYN 19250 INVOICE: 19250 19251 INVOICE: 19251	08/01/18 19250 08/01/18 19251			957545 957545	P P	08/17/18 08/17/18	270 270	521203 521203	WATER WATER 2,922.40 19.86
VENDOR TOTALS			129,102.91	YTD INVOICED				129,102.91	YTD PAID 2,942.26
297 W.W. GRAINGER, INC. 19218 INVOICE: 9864724654 19219 INVOICE: 9865300777 19220 INVOICE: 9855878048 19221 INVOICE: 9869497876 19222 INVOICE: 9862585305	08/02/18 9864724654 08/02/18 9865300777 07/24/18 9855878048 08/07/18 9869497876 07/31/18 9862585305			957546 957546 957546 957546 957546 957546	P P P P P P	08/17/18 08/17/18 08/17/18 08/17/18 08/17/18 08/17/18	270 270 270 270 270 270	520970 520980 520980 530225 520990	MAINTENANCE-BUILDING & GR MAINTENANCE-ELECTRONICS MAINTENANCE-ELECTRONICS SAFETY RELATED EQUIPMNT/S OPERATIONS - SUPPLIES 320.53 253.56 99.12 228.26 77.20
VENDOR TOTALS			7,654.73	YTD INVOICED				7,654.73	YTD PAID 978.67
116 GRAYBAR ELECTRIC COMPANY INC 19223 INVOICE: 9305160394 19224 INVOICE: 9305184360	07/19/18 9305160394 07/20/18 9305184360			957547 957547	P P	08/17/18 08/17/18	270 270	520980 520980	MAINTENANCE-ELECTRONICS MAINTENANCE-ELECTRONICS 347.16 730.84
VENDOR TOTALS			1,251.58	YTD INVOICED				1,251.58	YTD PAID 1,078.00
985 HOLSTEINS GARAGE 19225 INVOICE: 504	07/31/18 504			957548	P	08/17/18	270	520976	MAINTENANCE-CONTRACTUAL 35.00
VENDOR TOTALS			367.00	YTD INVOICED				367.00	YTD PAID 35.00
1147 ILLINOIS AMERICAN WATER COMPANY 19188 INVOICE: 19188	07/25/18 19188			957549	P	08/17/18	270-3	521203	WATER 126.04
VENDOR TOTALS			999.09	YTD INVOICED				999.09	YTD PAID 126.04
1279 JOHNSON THERMAL SYSTEMS INC. 19226 INVOICE: 817	07/19/18 817			957550	P	08/17/18	270	520980	MAINTENANCE-ELECTRONICS 1,494.15
VENDOR TOTALS			1,494.15	YTD INVOICED				1,494.15	YTD PAID 1,494.15
185 KONICA MINOLTA BUSINESS SOLUTIONS INC 19189 INVOICE: 9004805423	07/25/18 9004805423			957551	P	08/17/18	270	530100	OFFICE EXPENSES 56.49

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VENDOR TOTALS			488.38	YTD INVOICED			488.38	YTD PAID	56.49
1145 LAURIE FRIEDERS 19186 INVOICE: 19186	07/19/18			957552	P	08/17/18	270	520620	EMPLOYEE EDUCATION 10.00
VENDOR TOTALS			95.00	YTD INVOICED			95.00	YTD PAID	10.00
1264 LAWSON PRODUCTS INC 19227 INVOICE: 9306000249	07/26/18			957553	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT 23.50
VENDOR TOTALS			2,213.06	YTD INVOICED			2,213.06	YTD PAID	23.50
1189 LEAHY-WOLF COMPANY 19190 INVOICE: 373042	07/24/18			957554	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT 895.00
VENDOR TOTALS			1,790.00	YTD INVOICED			1,790.00	YTD PAID	895.00
157 LEN'S ACE HARDWARE, INC. 19191 INVOICE: 85767	07/25/18			957555	P	08/17/18	270	520990	OPERATIONS - SUPPLIES 12.78
19192 INVOICE: 85704	07/20/18			957555	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT 2.50
19193 INVOICE: 85538	07/10/18			957555	P	08/17/18	270	530106	OPERATING SUPPLIES - LAB 47.16
19194 INVOICE: 85677	07/18/18			957555	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT 1.91
19195 INVOICE: 85734	07/23/18			957555	P	08/17/18	270	520990	OPERATIONS - SUPPLIES 15.97
VENDOR TOTALS			419.41	YTD INVOICED			419.41	YTD PAID	80.32
1135 LIBERTY PROCESS EQUIPMENT, INC. 19228 INVOICE: 73890-IN	07/31/18			957556	P	08/17/18	40	580150	PLANT EQUIPMENT REHABILIT 6,591.00
VENDOR TOTALS			7,462.00	YTD INVOICED			7,462.00	YTD PAID	6,591.00
171 MCMASTER-CARR SUPPLY CO. 19196 INVOICE: 68601160	07/24/18			957557	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT 54.24
19231 INVOICE: 69425807	08/02/18			957557	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT 147.03
VENDOR TOTALS			5,343.34	YTD INVOICED			5,343.34	YTD PAID	201.27
188 MOTION INDUSTRIES INC 19203	08/01/18			957558	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT 987.96

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19238 INVOICE: 3386203514	08/01/18			957566	P	08/17/18	270	530100	OFFICE EXPENSES
VENDOR TOTALS			2,348.47	YTD INVOICED				2,348.47	YTD PAID
464 STRAND ASSOCIATES, INC.									
19239 INVOICE: 139807	07/14/18		20180012	957567	P	08/17/18	40	580150	PLANT EQUIPMENT REHABILIT
19240 INVOICE: 139806	07/14/18		20180005	957567	P	08/17/18	40	580180	18001 ELECTRIC SVC DISTRIB SYS
VENDOR TOTALS			53,416.95	YTD INVOICED				53,416.95	YTD PAID
738 SUBURBAN LABORATORIES, INC.									
19200 INVOICE: 157284	07/30/18			957568	P	08/17/18	270	520806	PROFESSIONAL SERVICES-LAB
19201 INVOICE: 156868	07/06/18			957568	P	08/17/18	270	520806	PROFESSIONAL SERVICES-LAB
19202 INVOICE: 156867	07/06/18			957568	P	08/17/18	270	520806	PROFESSIONAL SERVICES-LAB
19241 INVOICE: 157188	07/25/18			957568	P	08/17/18	270	520806	PROFESSIONAL SERVICES-LAB
19242 INVOICE: 157190	07/25/18			957568	P	08/17/18	270	520806	PROFESSIONAL SERVICES-LAB
19243 INVOICE: 157189	07/25/18			957568	P	08/17/18	270	520806	PROFESSIONAL SERVICES-LAB
19244 INVOICE: 153762	03/29/18			957568	P	08/17/18	270	520806	PROFESSIONAL SERVICES-LAB
VENDOR TOTALS			19,082.30	YTD INVOICED				19,082.30	YTD PAID
271 TERRACE SUPPLY COMPANY									
19245 INVOICE: 990557	07/31/18			957569	P	08/17/18	270	520976	MAINTENANCE-CONTRACTUAL
VENDOR TOTALS			895.66	YTD INVOICED				895.66	YTD PAID
477 UNITED PARCEL SERVICE, INC									
19246 INVOICE: 9YF103308-1	07/28/18			957570	P	08/17/18	270	530100	OFFICE EXPENSES
19246 INVOICE: 9YF103308-1	07/28/18			957570	P	08/17/18	270	520975	MAINTENANCE-EQUIPMENT
VENDOR TOTALS			41.84	YTD INVOICED				41.84	YTD PAID
988 VERIZON WIRELESS SERVICES LLC									
19247 INVOICE: 9811165829	07/18/18			957571	P	08/17/18	270	521195	TELECOMMUNICATIONS
19248 INVOICE: 9811976811	08/01/18			957571	P	08/17/18	270	521195	TELECOMMUNICATIONS

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VENDOR TOTALS

5,128.47 YTD INVOICED

5,128.47 YTD PAID

666.00

REPORT TOTALS

107,095.41

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	41	99,139.11
TOTAL WIRE TRANSFERS	1	7,956.30

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881 AIRGAS, INC 19254 INVOICE: 9079129671 19255 INVOICE: 9076693560 19257 INVOICE: 9500481381	08/08/18 06/09/18 08/11/18			957572 957572 957572	P P P	08/30/18 08/30/18 08/30/18	530443 530443 530443	LIQUID OXYGEN LIQUID OXYGEN LIQUID OXYGEN	1,404.65 1,354.32 2,524.53
VENDOR TOTALS			245,050.66	YTD INVOICED			245,050.66	YTD PAID	5,283.50
942 POWER UP BATTERIES LLC 19316 INVOICE: P4968561	08/22/18			957573	P	08/30/18	520980	MAINTENANCE-ELECTRONICS	62.90
VENDOR TOTALS			82.85	YTD INVOICED			82.85	YTD PAID	62.90
24 BERLAND'S INC 19259 INVOICE: 359707	08/08/18			957574	P	08/30/18	520975	MAINTENANCE-EQUIPMENT	130.98
VENDOR TOTALS			413.42	YTD INVOICED			413.42	YTD PAID	130.98
1221 BOLLER CONSTRUCTION CO, INC 19311 INVOICE: 03/31/18 19312 INVOICE: 04/30/18 19313 INVOICE: 05/31/18	03/31/18 04/30/18 05/31/18		20170007 20170007 20170007	2404 2405 2406	W W W	08/28/18 08/28/18 08/28/18	580180 580180 580180	14007 FACILITY IMPROVEMENT PROJ 14007 FACILITY IMPROVEMENT PROJ 14007 FACILITY IMPROVEMENT PROJ	455,664.00 271,045.22 726,461.00
VENDOR TOTALS			2,974,996.08	YTD INVOICED			2,974,996.08	YTD PAID	1,453,170.22
33 CALCO, LTD. 19317 INVOICE: AU43565	08/09/18			957575	P	08/30/18	530440	CHEMICALS	276.00
VENDOR TOTALS			882.00	YTD INVOICED			882.00	YTD PAID	276.00
1268 JF MORGAN CHASE NA 190693 INVOICE: 08/06/18 19332 INVOICE: 08/06/18 19333 INVOICE: 08/06/18 19334 INVOICE: 08/06/18 19335 INVOICE: 08/06/18 19336 INVOICE: 08/06/18	08/06/18 08/06/18 08/06/18 08/06/18 08/06/18 08/06/18			2392 2393 2394 2395 2396 2397	W W W W W W	08/28/18 08/28/18 08/28/18 08/28/18 08/28/18 08/28/18	520620 520620 530445 520620 520600 530100	EMPLOYEE EDUCATION EMPLOYEE EDUCATION UNIFORMS EMPLOYEE EDUCATION DUES-SUBSCRIPTIONS-REG FE OFFICE EXPENSES	1,141.98 29.01 95.20 480.00 58.00 81.00

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19337 INVOICE:	08/06/18			2398	W	08/28/18	270	530106 OPERATING SUPPLIES - LAB	-2.25
19338 INVOICE:	08/06/18			2399	W	08/28/18	270	521195 TELECOMMUNICATIONS	258.46
19339 INVOICE:	08/06/18			2400	W	08/28/18	270	530100 OFFICE EXPENSES	47.79
19340 INVOICE:	08/06/18			2401	W	08/28/18	270	520980 MAINTENANCE-ELECTRONICS	12.85
19341 INVOICE:	08/06/18			2402	W	08/28/18	270	520980 MAINTENANCE-ELECTRONICS	161.99
19342 INVOICE:	08/06/18			2403	W	08/28/18	270	520981 ELECTRONICS CONTRACTUAL	204.00
VENDOR TOTALS				9,116.67	YTD	INVOICED		9,116.67	YTD PAID
47 CINTAS CORPORATION #769									2,568.03
19318 INVOICE:	08/14/18			957576	P	08/30/18	270	520971 BUILDING & GROUNDS CONTRA	207.78
VENDOR TOTALS				1,765.68	YTD	INVOICED		1,765.68	YTD PAID
1248 B&W CONTROL SYSTEMS INTEGRATION LLC									207.78
19319 INVOICE:	08/17/18			957577	P	08/30/18	40	580140 INFRASTRUCTURE UPGRADES	18,676.80
VENDOR TOTALS				43,847.22	YTD	INVOICED		43,847.22	YTD PAID
1138 CONSTELLATION ENERGY SERVICES INC									18,676.80
19260 INVOICE:	08/07/18			957578	P	08/30/18	270	521202 NATURAL GAS	494.25
19260 INVOICE:	08/07/18			957578	P	08/30/18	270-1	521202 NATURAL GAS	134.04
19260 INVOICE:	08/07/18			957578	P	08/30/18	270	521204 SELF-GEN GAS	248.36
VENDOR TOTALS				45,692.50	YTD	INVOICED		45,692.50	YTD PAID
62 PADDOCK PUBLICATIONS, INC									876.65
19261 INVOICE:	08/08/18			957579	P	08/30/18	270	520750 LEGAL NOTICES	154.10
VENDOR TOTALS				470.35	YTD	INVOICED		470.35	YTD PAID
994 DIRECT ENERGY MARKETING, INC.									154.10
19320 INVOICE:	08/21/18			957580	P	08/30/18	270	521201 ELECTRIC POWER	80,105.60
19320 INVOICE:	08/21/18			957580	P	08/30/18	270-1	521201 ELECTRIC POWER	3,093.92
19320 INVOICE:	08/21/18			957580	P	08/30/18	270-2	521201 ELECTRIC POWER	937.72
19320 INVOICE:	08/21/18			957580	P	08/30/18	270-3	521201 ELECTRIC POWER	497.65

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INVOICE: 182330035711832							
VENDOR TOTALS	276,901.76	YTD INVOICED			276,901.76	YTD PAID	84,634.89
78 DUPAGE SECURITY SOLUTIONS, INC.							
19262 08/09/18		957581	P	08/30/18	270-1	520970	MAINTENANCE-BUILDING & GR
INVOICE: 83756							571.50
19321 08/22/18		957581	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT
INVOICE: 43846							9.78
VENDOR TOTALS	665.50	YTD INVOICED			665.50	YTD PAID	581.28
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC							
19304 08/13/18		957582	P	08/30/18	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 184595							538.00
19305 08/07/18		957582	P	08/30/18	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 172443							971.29
19306 08/13/18		957582	P	08/30/18	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 184081							-305.00
VENDOR TOTALS	2,801.57	YTD INVOICED			2,801.57	YTD PAID	1,204.29
1283 FERGUSON ENTERPRISES, INC.							
19343 08/23/18		957583	P	08/30/18	270	520981	ELECTRONICS CONTRACTUAL
INVOICE: X018580							500.00
VENDOR TOTALS	500.00	YTD INVOICED			500.00	YTD PAID	500.00
727 FIFTH THIRD BANK							
GWA-137 08/21/18		2391	W	08/28/18	270	521195	TELECOMMUNICATIONS
INVOICE: GWA-1840							123.53
VENDOR TOTALS	14,420.57	YTD INVOICED			14,420.57	YTD PAID	123.53
1250 FREDRIKSEN FIRE EQUIPMENT COMPANY							
19322 08/17/18		957584	P	08/30/18	270	520971	BUILDING & GROUNDS CONTRA
INVOICE: 185760							1,511.65
VENDOR TOTALS	2,007.65	YTD INVOICED			2,007.65	YTD PAID	1,511.65
293 VILLAGE OF GLEN ELLYN							
1013157 08/28/18		2390	W	08/28/18	270	521130	OVERHEAD FEES
INVOICE: IFT-166							10,772.50
1013157 08/28/18		2390	W	08/28/18	270	520976	MAINTENANCE-CONTRACTUAL
INVOICE: IFT-166							3,016.67
VENDOR TOTALS	129,102.91	YTD INVOICED			129,102.91	YTD PAID	13,789.17
297 W.W. GRAINGER, INC.							
19263 08/10/18		957585	P	08/30/18	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9873180385							142.72

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19264	INVOICE:	08/15/18			957585	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT
19265	INVOICE:	08/15/18			957585	P	08/30/18	270	530225	SAFETY RELATED EQUIPMNT/S
19267	INVOICE:	08/06/18								
19270	INVOICE:	08/07/18								
19271	INVOICE:	08/03/18								
19277	INVOICE:	08/16/18								
VENDOR TOTALS					7,654.73	YTD INVOICED			7,654.73	YTD PAID
119 HACH COMPANY										
19266	INVOICE:	07/31/18			957586	P	08/30/18	270	530106	OPERATING SUPPLIES - LAB
19267	INVOICE:	08/06/18			957586	P	08/30/18	270	530106	OPERATING SUPPLIES - LAB
19270	INVOICE:	08/07/18								
19271	INVOICE:	08/03/18								
19277	INVOICE:	08/16/18								
VENDOR TOTALS					10,959.13	YTD INVOICED			10,959.13	YTD PAID
124 HOME DEPOT USA, INC										
19268	INVOICE:	07/18/18			957587	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT
19269	INVOICE:	08/10/18			957587	P	08/30/18	270	520990	OPERATIONS - SUPPLIES
19270	INVOICE:	08/07/18			957587	P	08/30/18	270	520990	OPERATIONS - SUPPLIES
19271	INVOICE:	08/03/18			957587	P	08/30/18	270	520980	MAINTENANCE-ELECTRONICS
19277	INVOICE:	08/16/18								
VENDOR TOTALS					4,552.51	YTD INVOICED			4,552.51	YTD PAID
666 LABSOURCE, INC.										
19272	INVOICE:	08/16/18			957588	P	08/30/18	270	530225	SAFETY RELATED EQUIPMNT/S
19277	INVOICE:	08/16/18								
VENDOR TOTALS					750.48	YTD INVOICED			750.48	YTD PAID
295 VILLAGE OF LOMBARD										
19330	INVOICE:	08/13/18			957589	P	08/30/18	270	521203	WATER
19331	INVOICE:	08/13/18			957589	P	08/30/18	270-1	521203	WATER
19331	INVOICE:	08/13/18								
VENDOR TOTALS					29,007.24	YTD INVOICED			29,007.24	YTD PAID
171 MCMASTER-CARR SUPPLY CO.										
19273	INVOICE:	08/13/18			957590	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT
19274	INVOICE:	08/09/18			957590	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT
19275	INVOICE:	08/09/18			957590	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT
19276	INVOICE:	08/08/18			957590	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT
19277	INVOICE:	08/16/18			957590	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT

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VENDOR TOTALS		23.74	YTD INVOICED			23.74	YTD PAID	18.35
702 NATIONAL LIFT TRUCK, INC. 19286 08/09/18 INVOICE: IV180810205			957597	P	08/30/18	270 520980	MAINTENANCE-ELECTRONICS	75.62
VENDOR TOTALS		271.80	YTD INVOICED			271.80	YTD PAID	75.62
199 NEUCO, INC. 19287 08/08/18 INVOICE: 3184513			957598	P	08/30/18	270 520620	EMPLOYEE EDUCATION	150.00
VENDOR TOTALS		2,849.57	YTD INVOICED			2,849.57	YTD PAID	150.00
1234 NISSEN ENERGY INC 19327 08/23/18 INVOICE: 136			2407	W	08/28/18	270 520980	MAINTENANCE-ELECTRONICS	227.50
VENDOR TOTALS		227.50	YTD INVOICED			227.50	YTD PAID	227.50
209 NCL OF WISCONSIN INC 19288 08/10/18 INVOICE: 410880			957599	P	08/30/18	270 530106	OPERATING SUPPLIES - LAB	602.01
VENDOR TOTALS		4,583.52	YTD INVOICED			4,583.52	YTD PAID	602.01
211 OMI INDUSTRIES 19290 08/03/18 INVOICE: 492854			957600	P	08/30/18	270 530440	CHEMICALS	2,112.13
VENDOR TOTALS		4,224.25	YTD INVOICED			4,224.25	YTD PAID	2,112.13
226 PORTER PIPE AND SUPPLY CO 19291 08/09/18 INVOICE: 11780615-00			957601	P	08/30/18	270 520975	MAINTENANCE-EQUIPMENT	307.84
VENDOR TOTALS		11,116.49	YTD INVOICED			11,116.49	YTD PAID	307.84
412 NESTLE WATERS NORTH AMERICA 19292 08/06/18 INVOICE: 18H100616302			957602	P	08/30/18	270 530100	OFFICE EXPENSES	105.85
VENDOR TOTALS		705.86	YTD INVOICED			705.86	YTD PAID	105.85
180 RELADYNE -MID-TOWN PETROLEUM INC. 19293 08/08/18 INVOICE: 1145008-IN			957603	P	08/30/18	270 520975	MAINTENANCE-EQUIPMENT	601.95
VENDOR TOTALS		4,017.40	YTD INVOICED			4,017.40	YTD PAID	601.95

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939 STAPLES CONTRACT & COMMERCIAL INC.										
19294	INVOICE: 3386793585	08/09/18			957604	P	08/30/18	270	530100	OFFICE EXPENSES 61.66
19295	INVOICE: 3386793582	08/09/18			957604	P	08/30/18	270	530100	OFFICE EXPENSES -23.78
VENDOR TOTALS				2,348.47	YTD INVOICED				2,348.47	YTD PAID 37.88
464 STRAND ASSOCIATES, INC.										
19297	INVOICE: 140623	08/13/18		20180012	957605	P	08/30/18	40	580150	PLANT EQUIPMENT REHABILIT 2,514.35
19310	INVOICE: 140622	08/13/18			957605	P	08/30/18	270	520816	DESIGN ENGINEERING 924.59
19328	INVOICE: 140948	08/13/18		20180005	957605	P	08/30/18	40	580180	18001 ELECTRIC SVC DISTBIB SYS 7,501.25
VENDOR TOTALS				53,416.95	YTD INVOICED				53,416.95	YTD PAID 10,940.19
1271 SYNAGRO-WWT										
19298	INVOICE: 20-132587	07/31/18			957606	P	08/30/18	270	521150	SLUDGE DISPOSAL - LAND 12,236.00
VENDOR TOTALS				39,444.00	YTD INVOICED				39,444.00	YTD PAID 12,236.00
1282 TALLGRASS RESTORATION, LLC										
19299	INVOICE: 2020613	08/07/18			957607	P	08/30/18	270-1	520970	MAINTENANCE-BUILDING & GR 540.00
VENDOR TOTALS				540.00	YTD INVOICED				540.00	YTD PAID 540.00
271 TERRACE SUPPLY COMPANY										
19300	INVOICE: 70412583	08/15/18			957608	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT 228.90
19329	INVOICE: 70413666	08/23/18			957608	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT 18.00
VENDOR TOTALS				895.66	YTD INVOICED				895.66	YTD PAID 246.90
1001 TROTTER AND ASSOCIATES, INC.										
19301	INVOICE: 14750	07/29/18		20180010	957609	P	08/30/18	40	580180	18003 FACILITY PLANNING 2018 9,289.00
VENDOR TOTALS				38,333.50	YTD INVOICED				38,333.50	YTD PAID 9,289.00
1240 TWIN OAKS LANDSCAPING, INC										
19302	INVOICE: MN80801-0005	08/01/18		20180001	957610	P	08/30/18	270	520971	BUILDING & GROUNDS CONTRA 2,650.00
19302	INVOICE: MN80801-0005	08/01/18		20180001	957610	P	08/30/18	270-1	520970	MAINTENANCE-BUILDING & GR 835.00

09/04/2018 10:57
maryr

GWA Live
PAID WARRANT REPORT

P 37
appdwarr

WARRANT: 0818-2

TO FISCAL 2018/08 01/01/2018 TO 12/31/2018

VENDOR NAME DOCUMENT	INV DATE VOUCHER PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION
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VENDOR TOTALS	17,425.00	YTD INVOICED			17,425.00	YTD PAID	3,485.00
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309 WILKENS-ANDERSON CO. 19303 08/10/18 INVOICE: S1178827.001	957611	P	08/30/18	270	530106	OPERATING SUPPLIES - LAB	145.73
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VENDOR TOTALS	500.53	YTD INVOICED			500.53	YTD PAID	145.73
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980 XYLEM WATER SOLUTIONS USA, INC. 19308 08/01/18 INVOICE: 3556A24819	957612	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT	155.00
19309 07/31/18 INVOICE: 3556A24595	957612	P	08/30/18	270	520975	MAINTENANCE-EQUIPMENT	355.00

VENDOR TOTALS	5,967.52	YTD INVOICED			5,967.52	YTD PAID	510.00
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REPORT TOTALS 1,664,293.05

COUNT	AMOUNT
TOTAL PRINTED CHECKS 41	194,414.60
TOTAL WIRE TRANSFERS 18	1,469,878.45

** END OF REPORT - Generated by Mary Romanelli **

SECTION 5.3

PURCHASE APPROVAL OF BIOGAS MEDIA

MEMORANDUM

TO: Matt Streicher, Executive Director

FROM: David Goodalis, Operations Superintendent

DATE: August 1, 2018

RE: Media



The Operations Department performed a cost comparison for current pricing on media for our Bio-fuel Gas engines. Up to today we had to only use Unison Solutions for the media because of the warranty agreement but now our warranty is over we are seeking out competitive pricing for the media. The other company's would only quote going through Unison.

Company	Cost for Media
Connelly-GPM	Would not quote
Unison Solutions	\$24,675.75
Marcab	Not Responding

As the current media has reached its useful life, and as to not cause any damage to the C.H.P. engines, it is requested the rule of 3 be waived, per the purchasing policy section C.1.e., which states *"Single Source purchases, defined as material or services that are available from only one vendor but are deemed necessary to Village operations may be exempted from bidding requirements."*

As Unison Solutions has the media sitting in a warehouse, they are able to facilitate immediate deliver to avoid any shutdown of the C.H.P.

The media is used to reduce H₂S and siloxanes which cause damage to the internal CHP engine parts which makes this an essential part of being able to keep the engines running.

In the 2018 GWA budget, staff allocated \$75,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40 580150. This purchase is well below this budgeted amount. The Authority recommends approving the purchase from Unison Solutions in the not-to-exceed amount of \$24,675.75 that would come out of account 40-580150.

SECTION 5.4

ROOFING CONTRACT AWARD

MEMORANDUM

TO: Matt Streicher, Executive Director
FROM: Jon Braga, Maintenance Superintendent
DATE: September 5, 2018
RE: Building P & T Roof Replacements



GWA owns and maintains 29 different roofs. As these roofs age year to year periodic replacement is necessary. Records of dates and type of service (including costs) are compiled to create a schedule of replacement. This schedule is seen as part of GWA's capital budget.

On Tuesday, August 28, 2018, eight (8) bids were opened for the Roof Replacement at Buildings P and T. The low Base Bid of \$142,270.00 was submitted by Adler Roofing and Sheet Metal, Inc. of Joliet, Illinois. The highest bid received was \$249,550.00. See attached Bid Tabulation Sheet for a complete summary of the bids.

The budgeted amount for CY2018 for this project was \$84,723.00, putting this projection \$57,547.00 above the budgeted amount. However, prior to going to bid, the Authority's new roofing consultant had advised us that the budgeted amount for the work was low, which is demonstrated by the good range of bids received. The Consultant has been working with the Authority to revise future budget amounts. Also attached is a spreadsheet showing the over/under total for Fund 40 projects, which includes this projected amount above budget, but does not include any overages from the FIP project. As demonstrated, excluding the FIP project, overall the Authority is under budget on Fund 40 projects, therefore this overage does not affect the budget significantly.

Based on the recommendation of the Authority's roofing consultant, it is recommended that the Authority award the contract to Adler Roofing and Sheet Metal for the Roof Replacement at Buildings P and T in the amount of \$142,270.00, which would come out of Fund 40-580145.

Please advise and thank you
Attachments



September 3, 2018

Mr. Jon Braga
Maintenance Superintendent
Glenbard Wastewater Authority
945 Bemis Road
Glen Ellyn, Illinois 60137

RE: Letter of Recommendation
Roof Replacement at Buildings P and T
Project No. 18052

Dear Mr. Braga:

On Tuesday, August 28, 2018, eight (8) bids were opened for the Roof Replacement at Buildings P and T. The low Base Bid of \$142,270.00 was submitted by Adler Roofing and Sheet Metal, Inc. of Joliet, Illinois. See attached Bid Tabulation Sheet for a complete summary of the bids.

On Thursday, August 30, 2018, I conducted a scope review meeting with Matt Adler of Adler Roofing and Sheet Metal, Inc. I reviewed the construction documents with Matt Adler and he has confirmed their bid in writing (see attached), including the Scope of the Project, allowances and the unit costs. Additionally, they have previously and successfully completed other roofing related projects with ARCON Associates, Inc.

Our office recommends that Glenbard Wastewater Authority extend a contract to Adler Roofing and Sheet Metal, Inc. of Joliet, Illinois for the Roof Replacement at Buildings P and T in the amount of \$142,270.00.

Please feel free to contact me if you have any questions regarding this letter.

Sincerely,
ARCON Associates, Inc.

Brian E. McElmeel, RRC, RCI
Director of Building Envelope Services

c: Matt Streicher, Glenbard Wastewater Authority
VP Trinh, ARCON Associates, Inc.
Donna Demarakis, ARCON Associates, Inc.

attachments

BEM

J:\Glenbard Wastewater Authority\18052 Roof Replacement @ Buildings P & T\1 Docs\Corr\18052L001.wpd



Project: ROOF REPLACEMENT AT BUILDINGS P & T

Owner: Glenbard Wastewater Authority

Project No.: 18052

Bid Date/Time: Tuesday, August 28, 2018 at 2:00 PM

CONTRACTOR		BASE BID	COMMENTS
1	Adler Roofing and Sheet Metal, Inc.	\$142,270.00	
2	Bennett & Brosseau Roofing Inc.	\$215,800.00	
3	Combined Roofing Services LLC	\$249,550.00	
4	Crowther Roofing & Sheet Metal Inc.	\$165,000.00	
5	Elens & Maichin Roofing & Sheet Metal Inc.	\$164,400.00	
6	G.E. Riddiford Roofing Company	\$195,396.00	
7	Knickerbocker Roofing and Paving Co. Inc.	\$185,400.00	
8	L. Marshall Inc.	\$213,150.00	

CY2018 Capital Budget Items Snapshot

Project/Item	Budget Amount	Actual Amount	Over/(Under) Budget	Notes
Engineer/Assistant Director 80% Capital - 20% O&M	\$94,000	\$27,000	(\$67,000)	Estimated, not including health/FICA/IMRF
Property Acquisition	\$150,000	\$169,000	\$19,000	
Cryo Maintenance/Atmospheric Vaporizer Lease	\$20,000	\$20,000	\$0	
Facility Plan/Odor Control Study	\$150,000	\$88,300	(\$61,700)	
DuPage River Salt Creek Work Group Assessment Cost for Watershed Projects	\$160,000	\$159,478	(\$522)	
Electric Service Distribution System Rehabilitation Project Design	\$250,000	\$145,500	(\$104,500)	
Miscellaneous Office Furniture Upgrades	\$4,000	\$500	(\$3,500)	
Health & Wellness- Exercise Equipment Upgrades	\$2,000	\$0	(\$2,000)	Postponed
Workstation Replacements SCADA & LAN	\$5,000	\$2,500	(\$2,500)	
Hot Tank - Tool/Parts Cleaning System	\$5,000	\$3,847	(\$1,153)	
Fltgt Pump Replacements - Total of 2	\$10,000	\$7,546	(\$2,454)	
Grinder Exchange Program	\$20,000	\$9,392	(\$10,608)	
CSO Grit Chain Rehabilitation	\$30,000	\$10,979	(\$19,021)	
Monyo Pump Spare Parts	\$25,000	\$20,000	(\$5,000)	
BFP Screw Conveyors & Liner Parts	\$10,000	\$0	(\$10,000)	Redundant item
New Fecal Water Bath	\$5,000	\$2,443	(\$2,557)	
Final Clarifier Sampler Replacement	\$9,000	\$4,197	(\$4,803)	
UV Building AHU Replacement	\$40,000	\$18,372	(\$21,628)	
Co-Gen Rooftop AC/Heater Replacement	\$20,000	\$8,600	(\$11,400)	
SCADA & LAN Server, Firewall Replacement	\$80,000	\$58,585	(\$21,415)	Project Being Postponed
Plant Fiber Testing/Repairs & Patch Panel Replacement at PP-U (3 rows of 8)	\$30,000	\$0	(\$30,000)	Due to slowness of startup this is being postponed
HSW Improvements/Modifications	\$25,000	\$0	(\$25,000)	
Admin. Chiller, Coil, Air Handler, & Duct Heater Design	\$75,000	\$99,000	\$24,000	
Digester Cleaning	\$65,000	\$80,503	\$15,503	
Televising & Cleaning of NRI & SRI	\$100,000	\$188,590	\$88,590	
Siloxane and Hydrogen Sulfide Media Replacement	\$75,000	\$24,675.75	(\$50,324)	
Clarifier Mechanism and Bridge Painting	\$40,000	\$0	(\$40,000)	Project Being Postponed
Roof Replacements	\$84,723	\$142,270	\$57,547	
SRI Pump Station Concrete Lining System	\$50,000	\$0	(\$50,000)	Project Being Postponed
Godwin 4" Trailer Mounted Pump	\$23,962	\$32,730	\$8,768	
Alladin Hot Water Pressure Washer	\$10,000	\$7,359	(\$2,641)	
Install Glen Oak Lift Station Flow Meter	\$0	\$30,000	\$30,000	Unbudgeted/unexpected item
Total Expenses	\$1,667,685	\$1,361,367	(\$306,318)	

SECTION 6.0

CY2019 DRAFT BUDGET REVIEW

MEMORANDUM

TO: Executive Oversight Committee
FROM: Matt Streicher, P.E. BCEE, Executive Director
DATE: September 13, 2018
RE: Draft CY2019 Budget Highlights



As a means to help convey the significant budgetary impacts for CY2019 I am providing you with an outline of revenue and expenses that have the largest impacts on the budget.

Capital Fund 40

Revenues:

- * Proceeds from Borrowing
 - Funding for FIP extended out into CY2019 due to project complications.
 - Removed proceeds for borrowing in CY2021 for the biosolids project, as it was determined the estimated project costs could be covered by capital funds, and no borrowing was necessary.
- * Waste Receiving Tipping Fees – \$50k
 - At \$0.05 per gallon delivered the Authority is being conservative with the annual figure budgeted, if we can get the volume we are shooting for. Increased revenue to \$75k for future years beyond 2020 anticipating that as we regain a reputation for being a reliable receiver more high strength waste will come in.
- * Expected revenue from participation in the demand load response program with NRG over the next 6 years; CY2018 = \$36k, CY2019 = \$25k, CY2020 = \$26k, CY2021 = \$26k, CY2022 = \$27k, CY2023 = \$27k.

Expenses:

- * All FIP overpayments and operating surpluses are no longer being subtracted out. Originally these anticipated overpayments, and the operating surpluses, were to be specifically dedicated to paying off the FIP loan quicker, however due to increased project costs, Finance Directors decided we no longer should deduct those overages from the capital fund.
- * Removed Assistant Director/Engineer salary from Capital and moved it to O&M
- * Infrastructure Improvements – \$112k (down 52.3% from CY2018)
 - Plant fiber testing/repairs – \$30k

- Dewatering building air handling unit – \$50k
- HSW receiving station improvements – \$25k
- Roof replacement consulting – \$7k
- * Plant Equipment Rehabilitation – \$310k (down 22.5% from CY2018)
 - Televiser remaining interceptors – \$100k
 - Screw pump rehab – \$45k
 - Concrete lining system at SRI pump station – \$65k
 - Siloxane & hydrogen sulfide media replacement – \$50k
 - Clarifier mechanism and bridge painting – \$40k
- * Electrical Service Distribution System Construction/Construction Engineering – \$2.5M
 - Design engineering for rehabilitation of the underground electrical service throughout the Bemis Rd. facility is occurring in CY2018. The design from this study will be utilized for bidding and construction in CY2019
- * Administration Building HVAC Rehabilitation Construction/Construction Engineering – \$1M
 - In CY2018 an evaluation and design for the HVAC system in the Administration Building is being performed. The design from this study will be utilized for bidding and construction in CY2019.
- * Facility Improvements Project - \$3.5M
 - The FIP project is expected to reach final completion in November, 2019. It is anticipated around \$2.5M of the remaining \$3.5M will be funded by the IEPA Loan.
- * Facility Improvements Project Construction Engineering - \$120k
 - Although the original construction engineering contract with Black & Veatch was to extend the entire duration of the project, due to delays and other complications, their budget is anticipated to be used up by the end of CY2018 and an amendment to their contract will be needed. This is a conservative number, as much construction engineering will be done in-house now with another Engineer on board, however the consultant will need to be utilized for specialty work and some contract documents.

Operations & Maintenance 270

Expenses:

- * Salaries Regular – 10.9% increase over CY2019 (\$1.25M to \$1.386M)
 - Estimated 2.25% merit increases.
 - Salaries now include 100% of the Assistant Director/Engineer's salary, instead of 20% of O&M and the other 80% out of capital.
 - We expect to be fully staffed for the first time since September 2017 in CY2019.

- Adjusted part time and seasonal salaries to reflect actual historical usage, and how funds are allocated.
- * Electrical Power – 8% decrease over CY2018 (\$435k to \$400k)
 - This line item will take a few years to stabilize with all the efforts being done to reduce energy and starting back up the High Strength Waste/CHP Program. We've also had some significant operational changes with the new disk filters, and upcoming new raw pumps, which will considerably affect electrical usage.
- * Natural Gas – 33.3% increase over CY2018 (\$45k to \$60k)
 - The number budgeted for natural gas in the past appeared to be significantly lower than what was historically used, therefore this number was adjusted to reflect historical usage. With the CHP system still being relatively new, historical information is still be gathered in order to better estimate this number, and we continue to make efforts to reduce gas consumption.
- * Water – 25% increase over CY2018 (\$20k to \$25k)
 - With the Cryo plant decommissioned we anticipated water reductions in CY2018 to be significant. Actual usages are anticipated to be about \$5k higher than the estimated \$20k. This number will continue to be refined as processes normalize and we gather more historical information. We continue to also find ways to reduce water consumption.
- * Liquid Oxygen – 6.2% increase of CY2018 (\$325k to \$345k)
 - This is only the third year of using liquid oxygen and we are continuing to gather historical data in order to budget better. The annual costs are still within the target range predicted before switching to using liquid oxygen, and we continue to adjust operational tactics to attempt to reduce consumption
- * Sludge Disposal Costs – 11.4% decrease over CY2018 (\$220k to \$195k)
 - The sludge contract was rebid in 2018 and we were able to obtain lower pricing. The budget number 2018 was also higher due to efforts to minimize odors.
- * Chemicals – 38.5% increase over CY2018 (\$65k to \$90k)
 - Chemical delivery costs for the two major chemicals we use, sodium hypochlorite and sodium bisulfate, have increased significantly. We have also added a new sodium hypochlorite system at the main plant as part of the FIP project, which will increase our need for the chemical.

The budget has an overall increase of 1.0% or \$77,353 over the CY2018 budget. Most of the reason for this change is due to the capital construction projects to occur next calendar year, as well as the adjustment of the Assistant Director/Engineer's salary being moved completely into the O&M budget.

Glenbard Wastewater Authority
 Budget CY2019
 All Funds
 Expense Allocation to Partners

APPROVED CY2018 EXPENSES ALLOCATED TO PARTNERS				
		LOMBARD	GLEN ELLYN	TOTAL
Fund 27 -- Operation & Maintenance Fund		2,433,868	1,947,532	4,381,400
TOTAL O&M BUDGET		2,433,868	1,947,532	4,381,400
CAPITAL EQUIPMENT REPLACEMENT FUND		1,847,125	1,652,875	3,500,000
TOTAL O&M AND CAPITAL BUDGETS		4,280,993	3,600,407	7,881,400
ESTIMATED ACTUAL CY2018 EXPENSES ALLOCATED TO PARTNERS				
		LOMBARD	GLEN ELLYN	TOTAL
Div. 270 -- Glenbard Plant / SRI L.S. / Sunnyside L.S.		2,032,979	1,680,225	3,713,205
270-1 -- Stormwater Plant / Hill Ave L.S.		78,628	64,985	143,612
270-2 -- North Reg. Int. / St. Charles Rd. L.S.		16,603	13,722	30,325
270-3 -- South Reg. Int. / Valley View L.S.		3,981	3,290	7,271
TOTAL O&M BUDGET		2,132,191	1,762,222	3,894,412
CAPITAL EQUIPMENT REPLACEMENT FUND		1,780,750	1,619,250	3,400,000
TOTAL O&M AND CAPITAL BUDGETS		3,912,941	3,381,472	7,294,412
CY2018 BUDGET OVER (UNDER)		(368,052)	(218,935)	(586,988)
PROPOSED CY2019 PARTNERS ALLOCATION				
		LOMBARD	GLEN ELLYN	TOTAL
Fund 27 -- Operation & Maintenance Fund		2,541,003	1,882,749	4,423,753
TOTAL O&M BUDGET		2,541,003	1,882,749	4,423,753
CAPITAL EQUIPMENT REPLACEMENT FUND		1,899,002	1,635,998	3,535,000
TOTAL O&M AND CAPITAL BUDGETS		4,440,005	3,518,747	7,958,753
Proposed CY2019 Partners Allocation Compared to Approved Expenses Allocated to Partners CY2018:				
Operation & Maintenance	\$	\$107,135	(\$64,783)	\$42,353
	%	4.4%	-3.3%	1.0%
Capital Improvements	\$	\$51,877	-\$16,877	\$35,000
	%	2.8%	-1.0%	1.0%
Total O&M and Capital Budgets	\$	159,012	-81,660	77,353
	%	3.7%	-2.3%	1.0%

Budget CY2019			Footnotes	EXPENSES				% Difference CY18-CY19	\$ Difference CY18-CY19
Operations and Maintenance				Actual CY2017	Budgeted CY2018	Estimated CY2018	Budgeting CY2019		
Division 270									
Expense Allocation to Partners									
Personnel Services									
510100	Salaries - Regular	4	1,243,772	1,250,000	1,173,200	1,386,000	10.9%	136,000	
510110	Salaries - Part-Time Ops.	5	54,704	45,000	57,041	60,000	33.3%	15,000	
510200	Salaries - Overtime	6	53,301	51,000	41,885	51,000	0.0%	0	
510300	Salaries - Temporary/Seasonal		1,578	25,000	1,830	7,000	-72.0%	(18,000)	
510400	FICA		100,172	108,000	94,077	115,056	6.5%	7,056	
510500	IMRF	7	129,700	133,000	115,772	102,746	-22.7%	(30,255)	
	Total		1,583,225	1,612,000	1,483,805	1,721,802	6.8%	109,802	
Contractual Services and Commodities									
520305	Employee Recognition		558	1,000	322	1,000	0.0%	0	
520605	Dues/Subs./Fees		15,362	15,900	3,943	15,750	-0.9%	(150)	
520615	Recruiting/Testing		1,501	1,000	5,427	1,000	0.0%	0	
520620	Employee Education	8	12,352	20,700	14,438	19,000	-8.2%	(1,700)	
520625	Travel (Mileage)		0	500	0	750	50.0%	250	
520700	Pro. Serv.-Legal Support	9	20,681	15,000	26,740	15,000	0.0%	0	
520750	Legal Notices		581	500	542	500	0.0%	0	
520775	Regulatory Fees		52,741	55,000	52,500	53,000	-3.6%	(2,000)	
520775	DuPage River Salt Creek Work Group Fee	:	25,278	31,300	31,300	33,600	7.3%	2,300	
520806	Pro. Serv.-Lab Support		23,594	30,000	13,942	27,500	-8.3%	(2,500)	
520815	External Consulting Fees	;	13,616	30,000	17,392	20,000	-33.3%	(10,000)	
520825	Audit Fees / Pro. Serv. - Acct.	<	10,800	14,300	19,029	11,400	-20.3%	(2,900)	
520835	Bank Charges		25	0	0	0			
520885	Insurance - Liability (MICA)	43	167,443	154,000	150,000	160,000	3.9%	6,000	
520895	Insurance - Health	44	233,495	257,400	197,699	213,100	-17.2%	(44,300)	
520970	Maint. - Bldg. & Grds.		4,557	11,000	17,948	12,000	9.1%	1,000	
520971	Bldg. & Grounds - Support		41,436	61,100	57,504	56,550	-7.4%	(4,550)	
520975	Maint. - Equipment		99,064	157,600	42,075	157,825	0.1%	225	
520976	Maint. - Support	45	46,216	61,900	39,415	62,500	1.0%	600	
520980	Maint. - Electronics		54,893	70,000	42,640	66,000	-5.7%	(4,000)	
520981	Elect. - Support	46	197,476	206,900	188,700	214,600	3.7%	7,700	
520990	Operations - Supplies		9,394	15,900	16,194	14,100	-11.3%	(1,800)	
520991	Operations - Support		4,567	15,000	4,193	7,000	-53.3%	(8,000)	
521055	Professional Services - Other Support		1,904	2,000	2,238	4,000	100.0%	2,000	
521150	Overhead Fees	47	128,372	129,300	129,270	131,726	1.9%	2,426	
521150	Sludge Disposal - Land Applied	48	179,218	220,000	132,077	195,000	-11.4%	(25,000)	
521195	Telecommunications		29,685	31,400	27,332	31,800	1.3%	400	
521201	Electric Power	49	427,921	435,000	438,896	400,000	-8.0%	(35,000)	
521202	Natural Gas	4:	66,567	45,000	66,815	60,000	33.3%	15,000	
521203	Water		50,009	20,000	27,278	25,000	25.0%	5,000	
521204	Self-Gen Gas		4,436	6,000	5,385	6,000	0.0%	0	
530100	Office Expenses		15,236.86	20,000	12,364	16,500	-17.5%	(3,500)	
530106	Operating Supplies - Lab		15,010.37	20,000	10,326	20,000	0.0%	0	
530107	Pretreatment Expenses		0.00	5,500	0	4,500	-18.2%	(1,000)	
530200	Administrative Purchases		182.20	3,500	0	500	-85.7%	(3,000)	
530225	Safety		17,951.59	16,900	13,744	17,500	3.6%	600	
530440	Chemicals	4;	90,653.36	65,000	56,479	90,000	38.5%	25,000	
530443	Liquid Oxygen	4<	236,854.77	325,000	362,458	345,000	6.2%	20,000	
530445	Uniforms		3,501.82	5,000	2,795	5,000	0.0%	0	
	Total		2,303,131	2,575,600	2,229,400	2,514,701	-2.4%	(60,899)	
TOTAL DIVISION 270			3,886,357	4,187,600	3,713,205	4,236,503	1.2%	48,903	

Budget CY2019

Operations & Maintenance

Division 270-1

Stormwater Plant & Hill Avenue Lift Station

EXPENSES

		Actual CY2017	Budgeted CY2018	Estimated CY2018	Budgeting CY2019	% Difference CY18-CY19	\$ Difference CY18-CY19
Operations & Maintenance							
520773	Regulatory Fees	20,000	21,000	20,000	20,000	-4.8%	(1,000)
520970	Maint. - Bldgs. & Grnds. / Support	10,009	12,000	22,254	12,200	1.7%	200
520975	Maint. - Equipment	4,437	5,200	407	5,400	3.8%	200
520980	Maint. - Electronics	0	4,000	3,855	4,000	0.0%	0
521201	Electric Power	33,664	40,000	36,879	40,000	0.0%	0
521202	Natural Gas	2,837	4,500	5,421	4,500	0.0%	0
521203	Water	3,246	5,500	3,514	5,500	0.0%	0
530105	Operations Supplies	435	500	400	500	0.0%	0
Commodities							0
530440	Chemicals	44,846	50,000	50,883	50,000	0.0%	0
Total 270-1		119,473	142,700	143,612	142,100	-0.4%	(600)

Budget CY2019

Operations & Maintenance

270-2

NRI / St. Charles Road L.S.

EXPENSES

		Actual CY2017	Budgeted CY2018	Estimated CY2018	Budgeting CY2019
St. Charles Rd. Lift Station					
520970 SC	Maint. - Bldg. & Grnds.	49	400	100	450
520975 SC	Maint - Equipment	1,261	9,000	3,668	9,000
520980 SC	Maint. - Electronics	2,824	3,000	6,316	3,000
521201 SC	Electric Power	16,513	21,000	20,241	20,000
Total		20,647	33,400	30,325	32,450
North Regional Interceptor					
520970 NRI	Maint. - Piping & Grnds.	0	500	0	500
Total		0	500	0	500
Total 270-2		20,647	33,900	30,325	32,950

Budget CY2019
Operations & Maintenance
270-3

EXPENSES

SRI / Valley View L.S.		Actual CY2017	Budgeted CY2018	Estimated CY2018	Budgeting CY2019
Valley View Lift Station					
520970 VV	Bldg. & Grnds. Support	49	700	500	700
520975 VV	Maint. - Equipment	697	5,000	554	5,000
520980 VV	Maint. - Electronics	1,128	1,000	0	1,000
521201 VV	Electric Power	9,322	13,000	5,467	13,000
521203 VV	Water	1,508	2,000	749	2,000
Total		12,703	21,700	7,271	21,700
South Regional Interceptor					
520970	Maint. - Piping & Grnds.	0	500	0	500
Total		0	500	0	500
Total 270-3		12,703	22,200	7,271	22,200

GLENBARD WASTEWATER AUTHORITY FUND 40 CAPITAL PLAN

REVENUE in Thousands \$	Footnotes	CY(2018)	CY(2018)	CY(2020)	CY(2021)	CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)
		Estimated	Budgeting	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Proceeds from Borrowing	1	7200	2500				6500	8000						0
Investment Income		12	15	10	10	10	10	10	10	10	10	10	10	20
Glen Ellyn Conn Fees		50	50	25	25	25	25	25	25	25	25	25	25	25
Lombard Conn Fees		34	40	25	25	25	25	25	25	25	25	25	25	25
Demand Response Program		36	25	26	26	27	27							
Leachate Revenue	2	126.7	120	117	117	117	117	117	117	117	117	117	117	117
Fats Oil & Grease (FOG) / Industrial Waste Tipping Fees		20	50	75	75	75	75	75	75	75	75	75	75	75
Cell Tower Revenue	3	53.73	53	55	58	60	62	65	67	70	73	76	79	79
Operating Surplus Transfers	4	159	0											
Pretreatment Fines		0	0											
Misc. Revenue		6	10	10	10	10	10	10	10	10	10	10	10	10
Capital Fund Contribution - Glen Ellyn		1653	1636	1607	1623	1639	1655	1672	1689	1705	1723	1740	1757	1775
Capital Fund Contribution - Lombard		1847	1899	1964	1983	2003	2023	2043	2064	2084	2105	2126	2148	2169
Total Capital Fund Contribution	5	3500	3535	3570	3606	3642	3679	3715	3752	3790	3828	3866	3905	3944
TOTAL REVENUE		11197	6398	3813	3952	3991	10530	12042	4081	4122	4163	4204	4246	4295
EXPENSES in Thousands \$														
Debt Service Payments:		CY(2018)	CY(2018)	CY(2020)	CY(2021)	CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)
Debt Service Payments:		Estimated	Budgeting	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Ana Digester Project Debt Payment (P&I)	6	637	637	637	637	637	637	637	319					
FIP Debt Payment Actual (P&I)				497	995	995	995	995	995	995	995	995	996	996
Bio P Debt Payment Scheduled (P&I)									969	969	969	969	969	969
Debt Service Payment Subtotal		637	637	1134	1632	1632	1632	1632	2283	1964	1964	1964	1965	1965
Debt Service Subtotal		637	637	1134	1632	1632	1632	1632	2283	1964	1964	1964	1965	1965
Capital Improvements														
Property Acquisition - DCFPD NRI Easement Purchase		169	150											
Capital Improvement Projects														
Vehicle and Equipment Replacement	9	40	0	64	126	71	184	248	137	141	130	130	130	130
Small Capital Projects	10	96,982	165	100	100	100	100	100	100	100	100	100	100	100
Infrastructure Improvements	11	108,557	112	300	300	300	300	300	300	300	300	300	300	300
Roof Replacements - Updated based on Repl. Schedule	12	84	128	222					126					0
Plant Equipment Rehabilitation	13	510,415	310	300	300	300	300	300	300	300	300	300	300	300
Cryo Maintenance/Atmospheric Vaporizer Lease		20	20	20	20	25	25	25						
Facility Plan	14	59						150					175	
Odor Control Study		29												
DuPage River Salt Creek Work Group	15													
Assessment Cost for Watershed Projects		159,478	265	273	281	289								
Facility Improvements Project	16													
Engineering		123	120											
Construction/(IEPA Loan)		7200	3500											
Sludge Lagoon Cleanout														
North Sludge Lagoon				200										
South Sludge Lagoon					400									
Bemis Road and Administrative Parking Lot Improvements														
Electric Service Distribution System Rehabilitation Project	17	145.5	100											
Engineering			2500											
Construction			1000											
Admin Building HVAC Construction														
Biological Phosphorus Removal				200										
Studies & Reports					750	750								
Engineering							6500	8000						
Construction														
Grit Building MCC Replacement						29								
Engineering						221								
Construction														
PLC Replacements - Campus Wide					1600									
Purchase & Installation														
Biosolids Dewatering Equipment Replacement / Covered Storage				603										
Engineering					2000									
Construction														
Stormwater Plant Barscreen & Grit Collection System Upgrade									532					
Engineering										2200				
Construction											2200			
Anticipated Future Projects per the 20 Year 2013 Facility Plan.														
O&M Manual Updates												380		
Primary Waste Activated Sludge Thickening											1600			
Liquid Biosolids Storage Improvements											1100			
Project Total		8576	8220	2282	5877	2085	7409	9123	963	1373	5110	3030	1005	830
IFT/DEBT SERVICES / PROJ TOTAL		9382	9007	3416	7508	3717	9041	10755	3246	3337	8074	4994	2970	2795
Cash on Hand 1/1		4130	5945	3337	3834	277	551	2040	3327	4162	4947	1036	247	1522
Cash on Hand FY		1816	(2609)	487	(3557)	274	1489	1287	835	785	(3911)	(780)	1278	1500
Cash on Hand 12/31		5945	3337	3834	277	551	2040	3327	4162	4947	1036	247	1522	3022

Improvements Removed Due to Planned Decommissioning of the Production Plant and eventual conversion to a Biological Phosphorus Removal Facility

~ UNOX Deck Control Improvements - \$395,000	\$395,000
~ Final Unox Stage Modifications - \$234,000	\$234,000
~ Cryo Building MCC and PLC Replacements - \$306,000	\$306,000
~ Intermediate Pump Station Modifications - Included in the BPR Project - \$1,500,000	\$1,500,000
~ Chemical Phosphorus Removal - Not needed due to the BPR Project - \$761,000	\$761,000
TOTAL REDUCTIONS OR OFFSETS IN CAPITAL SPENDING	\$3,196,000

SECTION 7.0

FACILITY IMPROVEMENT PROJECT – CHANGE ORDER NO. #005

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher P.E., BCEE, Executive Director

DATE: September 13, 2018

RE: Request for Approval
Facilities Improvements Project – Change Order No. 005



The Technical Advisory Committee (TAC) has previously reviewed the change order documents and is aware of the proposed changes. At the time the Authority recommends approval of the proposed Facility Improvements Project Change Order No. 005 in the amount of \$6,425.98. This change order involves two credits and one additional cost item that is non-negotiable, as explained in further detail below.

No.	Doc	Description	Proposed Cost
1	RFP 014	Credit for removal of valve	(\$4,390.08)
2	RFP 015	Credit for leaving existing bypass	(\$6,374.67)
3	COR 007	Buried Obstruction at Pump Station	\$17,190.73
		Total Cost Not to Exceed	\$6,425.98

Detailed Explanations:

No. 1: During review of the submittal for the new hypochlorite storage system and associated piping/valves, GWA staff noticed a redundant valve that was not necessary. Therefore, a credit was requested to include, but not limited to, labor for installation of the valve, actuator and controls; material for associated conduit and wiring; and any other equipment not yet purchased. The contractor came back with a **credit of \$4,390.08**, which GWA staff and its consultant have reviewed, and agree with.

No. 2: After having the new discfilters in operation for several months and evaluating their performance, GWA staff decided they would be more comfortable leaving the existing bypass channel in service, rather than abandoning it as specified in the plans. The hydraulic capacity of the new discfilters is calculated so that they should be able to handle our highest of flows, however many variables can affect their performance, and it was realized there may be very rare occurrences that the bypass channel around the new filters may need to be utilized. The channel was originally slated to be abandoned because of the potential of stagnant water sitting in it, but upon actual performance, it was realized that the backwash cycling of the filters caused water to be exchanged in the channel. At this time, the Authority is also attempting to realize every cost savings that is feasible, but that will not impact the project negatively. This is a desirable change

to GWA, and offers a cost savings. The contractor came back with a **credit of \$6,347.67**, which GWA staff and its consultant have reviewed, and agree with.

No. 3: During drilling operations to install the sheet pile walls for the Earth Retention System at the excavation for the new pump station a buried obstruction was hit. This is a non-negotiable item since it was clear and apparent that a physical object was hit, unlike the previous “sub-surface” negotiations where the underground conditions were not physically observed. After investigations, it was found that the contractor hit a portion of an old structure left underground from a previous iteration of the wastewater treatment plant. The additional cost is being requested for additional drilling time and equipment repairs beyond the original scope. The contractor has provided reasonable documentation, and GWA staff was present and concurs. The additional cost for the buried obstruction is **\$17,190.73**

Another item to note is that Change Order 004, which was formally approved at the April EOC meeting in a not to exceed amount of \$294,571.47, is formally being closed out at an amount of \$194,259.19, which brought the contract price to an amount of **\$17,694,832.85**. Below is a summary of the items from Change Order 004:

Item	EOC Approved Amount	Actual Amount
Modify Launder Covers (COR 003)	\$6,111.77	\$6,111.77
MCC Revisions Part A (RFP 011A)	\$27,508.73	\$17,813.11
MCC Revisions Part B (RFP 011B)	\$53,025.00	<i>Excluded</i>
Transformer Sequencing (RFP 010)	\$186,722.84	\$155,129.75
Makeup Air Units (RFP 012)	\$0	\$0
Additional Electrical Conduit (RFP 013)	\$21,203.13	\$15,204.56
Total	\$294,571.47	\$194,259.19

The amount for the MCC Revisions Part B (RFP 011B) was excluded because the cost will not be known until the work is complete. RFP11B is directly related to RFP11A and consists of additional revisions to the Motor Control Center (MCC). The additional revisions are mainly related to identifying different input/output characteristics of the MCC that were lacking in the original specifications that were bid out with the project. These revisions are necessary for proper function of the MCC. The estimated cost for this change is \$53,025 at this time, but it is being refined, and the will be known after the work on the MCC is complete. At this time, the contractor has been given notice that their approval will not exceed \$53,025, based on the EOC's approval in April 2018. However, in order to move forward with Change Order 005, Change Order 004 needed to be officially closed, hence the exclusion of RFP 011B. Note that the total of Change Order 004 (even if RFP 011B were included) **is less** than the Not to Exceed amount the EOC approved in April. The contractor has been advised that if they learn of any potential price increases due to delaying this formal approval, those costs will be at their expense.

Based on the review of the items included in the change order by the TAC committee, it is recommended to approve Change Order Number 5 for the Facilities Improvements Project in the amount of **\$6,425.98**, increasing the overall contract cost from \$17,694,832.85 to

\$17,701,258.83. This change order will be sent to IEPA to reflect our State Revolving Fund Loan.

CHANGE ORDER

Change Order No. 005

DATE OF ISSUANCE 9/14/18 EFFECTIVE DATE 9/14/18

Owner Glenbard Wastewater Authority
Contractor Boller Construction Company, Inc.
Contract Name: Glenbard Wastewater Authority - 2016 Facility Improvements Project
Project: 2016 Facility Improvements Project
Owner's Contract No. 5180

The Contract is modified as follows upon execution of this Change Order:

Description:

1. The Contractor requested a change order (COR 007) for an unforeseen buried obstruction at the Pump Station during installation of the Earth Retention System. (PCO #029)
Cost change requested is \$17,190.73.
2. The Contractor provided a response to RFP 014 which requested a credit for removing VDG-505 shown on Drawing A-G-18. (PCO #028)
Credit proposed is (\$4,390.08).
3. The Contractor provided a response to RFP 015 which requested a credit for removing VDG-505 shown on Drawing A-G-18. (PCO #032)
Credit proposed is (\$6,374.67).

Attachments:

- Proposals by Boller Construction Company, Inc. for COR 007, RFP 014 and RFP 015.

CHANGE IN CONTRACT PRICE:

Original Contract Price

\$16,725,000.00

[Increase] from previously approved Change Orders
No. 004.1 to 004.2:

\$15,204.56

Contract Price prior to this Change Order:

\$17,694,832.85

[Increase] of this Change Order:

\$6,425.98

Contract Price incorporating this Change Order:

\$17,701,258.83

CHANGE IN CONTRACT TIMES:

[note changes in Milestones if applicable]

Original Contract Times:

Substantial Completion: 11/17/17

Ready for final payment: 12/27/17

(days or dates)

[Increase] from previously approved Change Orders
No. 004.1 to No. 004.2:

Substantial Completion: 0

Ready for final payment: 0

(days)

Contract Times prior to this Change Order:

Substantial Completion: 10/10/19

Ready for final payment: 11/19/19

(days or dates)

[Increase] [decrease] of this Change Order:

Substantial Completion: NA

Ready for final payment: NA

(days)

Contract Times with all approved Change Orders:

Substantial Completion: 10/10/19

Ready for final payment: 11/19/19

(days or dates)

ACCEPTED:

By: _____
Owner (Authorized Signature)

Title: _____
Date: _____

ACCEPTED:

By: _____
Contractor (Authorized Signature)

Title: _____
Date: _____

COR 007

CHANGE ORDER REQUEST (COR)

Glenbard Wastewater Authority
2016 Facility Improvements Project
Project No. 185838

COR No.: 007
PCO No.: 029
Date: 7/24/18

To: Glenbard Wastewater Authority
Owner

Contract Name: GWA - 2016 Facility
Improvements Project

Prepared By: Boller Construction Company, Inc.

Owner's Contract No.: 5180

Authorized By: 
Signature

Owner is requested to review a change order request to perform the below described work.

WORK DESCRIPTION

Buried obstruction on the south side of the
pump station. Costs are for additional
drilling time and equipment repairs

CHANGE IN CONTRACT PRICE

We propose to perform the work as described in accordance with the contract specifications for the total price of
\$ 17,190.73

CHANGE IN CONTRACT TIMES

We propose to perform the work as described for a change in contract time of 0 days.

APPROVAL

(Section to be filled out by Owner)

To: _____

Date: _____

APPROVED BY:

Owner Representative

Title

Date

COR 007



PCO #029

Boller Construction Company
3045 Washington Street
Waukegan, Illinois 60085-4843
Phone: (847) 662-5586

Project: 16-157 - Glenbard WWA 2016 FIP
21W551 Bernis Rd
Glen Ellyn, Illinois 60137
Phone: 847-989-4539

Prime Contract Potential Change Order #029: Buried obstruction in south wall line

TO:	Glenbard Wastewater Authority 21W551 Bernis Rd Glen Ellyn Illinois, 60137	FROM:	Boller Construction Company 3045 W Washington St Waukegan Illinois, 60085
REQUEST RECEIVED FROM:		CREATED BY:	Shelley Morin (Boller Construction Company)
STATUS:	Pending - In Review	CREATED DATE:	7/12 /2018
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$17,190.73

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: (The Contract Is Changed As Follows)

CE #053 - Buried obstruction in south wall line

Buried obstruction in south wall line of sheeting operations. Cost includes additional drilling time and equipment repairs.

ATTACHMENTS:

#	Description	Amount
1	Sheeting	\$ 16,210.02
Subtotal:		\$16,210.02
Overhead & Profit (Sub): 6.00% Applies to Subcontract.		\$ 910.50
Bond: 1.00% Applies to all line item types.		\$ 170.21
Overhead & Profit (Boller): 15.00% Applies to Labor, Other, Administrative, Equipment, and Material.		\$ 0.00
Grand Total:		\$17,190.73

Approved By _____

Date _____

COR 007

June 27, 2018

BOLLER CONSTRUCTION COMPANY, INC.
3045 W. Washington Street
Waukegan, IL 60085-4843
Attn: Joe Henderson, Project Manager

Job #515.18
EW Billing #1

GLENBARD WASTEWATER 2016 Facility Improvement Project, Glen Ellyn, IL
Earth Retention System

NET 30

TO BILL YOU FOR: Work Complete per attached T&M Ticket #2082, dated June 27th, 2018
[See attached Ticket #2082]

Per terms of Contract Rider Item #3

Delay/Obstruction costs Pre-drilling Rate @ \$2,450/hr. x 5.5 hours = \$13,475.00

TOTAL AMOUNT REQUESTED THIS INVOICE = \$13,475.00



THATCHER FOUNDATIONS

COR 007

7100 Industrial Hwy. Gary, Indiana 46406
Phone: 773.721.9797
Fax: 773.721.1011
www.ThatcherFoundations.com

TO: Balle Construction
Alan Elmer
1400 East 10th Street

Date: 6-27 Wed 20 19
Ticket No. _____
Contract No. 77 915

LABOR:						EQUIPMENT:		
No. Men	Classification	SPECIAL RATE	ST T HOURS WORKED	T-1/2 HOURS WORKED	DBL T HOURS WORKED	Type Size	No. Hours	
1	General Pile Driver Foreman		1					Piling Rig
1	Pile Driver Foreman		5.5					Crane
	Welder Foreman							Backhoe
2	Pile Drivers		11					Hammer and Helmet
1	Crane Operator		5.5			3772	5.5	Leads FMR Rigging
1	Oiler		5.5			2272	5.5	Drill FMR
	Other Engineer							Grout Pump - Ready Mix
	Truck Driver					2511	5.5	Colloidal Mixer
	Laborer							Compressor/Power Pack
								Air/Grout Hose
								Tool Wagon and Small Tools
								Set of Small Tools
						4773	5.5	Welding Mach. -- Diesel
								Burning Equipment
						1053	5.5	Pick-Up Roadster
								Tractor
								Trailers
								Crane Mats
								Mesh Trunk

MATERIALS:
(27) FMR Rig Bullet Teeth
(12) Centric Chain Link Slings (Holder)

JOB DESCRIPTION: Obstruction on P18 (w/ 1 wall on even wall). Obstruction was
a 1' @ 9" and Piler through @ 300 psi - Total time today SHR 30 min changed
for P18 obstruction, which will have a ticket to changed at P18 obstruction for
days 3 more 1000' due to obstruction
Obstruction hit @ 24' 6" Down. Obstruction @ 2' 12" Thick

DISTRIBUTION 1. Customer 2. Billing Dept. 3. Superintendent
Correct: **THATCHER FOUNDATIONS INC**
BY: [Signature] APPROVED: [Signature]

FROM: THATCHER FOUNDATIONS, INC.
7100 INDUSTRIAL HIGHWAY
GARY, INDIANA 46406

COR 007

TFI Job #515.18

TO: BOLLER CONSTRUCTION COMPANY, INC.
3045 W. Washington Street
Waukegan, IL 60085

RE: 2016 Facility Improvement Project, Glenbard Wastewater Authority
Earth Retention

FORCE ACCOUNT BILLING FOR: Weld / Fix Auger Blinger due to obstruction on 6/27

LABOR:	JUNE 27 ST	TOTAL HOURS ST	RATE ST	TOTAL AMOUNT
General Pile Driver Foreman	1.0	1.0	\$127.93	\$127.93
Pile Driver Foreman	1.5	1.5	\$127.09	\$190.64
Piledriver	3.0	3.0	\$123.75	\$371.25
Ci 1 Crane Operator	1.5	1.5	\$138.44	\$207.66
Ci IV Oiler	1.5	1.5	\$129.07	\$193.61
Ci 1 Mechanic	1.5	1.5	\$138.44	\$207.66
				\$1,298.74

EQUIPMENT:	JUNE 27 ST	TOTAL HOURS ST	HOURLY RATE	TOTAL AMOUNT
FMR Rotary (Equip #3772)	1.5	1.5	\$136.63	\$204.95
Drill (Equip #2272)	1.5	1.5	\$605.88	\$908.82
Colloidal Mixer (Equip #2511)	1.5	1.5	\$76.76	\$115.13
Weld Machine (Equip #4373)	1.5	1.5	\$21.69	\$32.45
Pickup (Equip #1053)	1.5	1.5	\$44.88	\$67.32
Mechanic Truck (Equip #1055)	1.5	1.5	\$71.76	\$107.63
				\$1,436.28

TOTALS:	
Labor	\$1,298.74
Equip	\$1,436.28
	\$2,735.02



THATCHER
FOUNDATIONS

COR 007

7100 Industrial Hwy, Gary, Indiana 46406
Phone: 773.721.9797
Fax: 773.721.1011
www.ThatcherFoundations.com

TO:

Baker Construction
Chas. E. Baker
Greenwood NW 1st Street

Date:

4/28/11 20 *11*

Ticket No.

Contract No.

5515

LABOR:

No. Men	Classification	SPECIAL RATE	ST T HOURS WORKED	T-1/2 HOURS WORKED	DBL T HOURS WORKED
1	General Pile Driver Foreman		1		
1	Pile Driver Foreman		1.5		
	Welder Foreman				
2	Pile Drivers		3.0		
1	Crane Operator		1.5		
1	Oilier		1.5		
	Other Engineer				
	Truck Driver				
	Laborer				
1	Mechanics		1.5		

EQUIPMENT:

Type Size	No. Hours	
		Piling Rig
		Crane
		Backhoe
		Hammer and Helmet
3772	1.5	Leads FMR Rigging
2772	1.5	Drill
		Grout Pump -- Ready Mix
2511	1.5	Colloidal Mixer
		Compressor/Power Pack
		Air/Grout Hose
		Tool Wagon and Small Tools
		Set of Small Tools
4373	1.5	Welding Mach. -- Diesel
		Burning Equipment
1053	1.5	Pick-Up Rock Haul
		Tractor
		Trailers
		Crane Mats
1055	1.5	Truck Trunk

MATERIALS:

JOB DESCRIPTION:

Weld / Fix Hanger stringer due to P8 obstruction on 4/27/11 12062
From 7th Ave / 11 230th Ave. North to Weld / Hanger stringer

DISTRIBUTION: 1. Customer 2. Billing Dept. 3. Superintendent

Correct: THATCHER FOUNDATIONS INC

APPROVED:

BY:

[Signature]

BY:

[Signature]

RFP 014

REQUEST FOR PROPOSAL (RFP)

Glenbard Wastewater Authority
2016 Facility Improvements Project
Project No. 185838

RFP No.: 014

Date: 4/13/18

To: Boiler Construction Company, Inc.
Contractor Company

Contract Name: GWA – 2016 Facility Improvements Project

Prepared By: Black & Veatch

Owner's Contract No.: 5180

Authorized By: _____
Signature

You are hereby requested to submit a cost proposal to perform the below described work in accordance with the contract specifications. Backup data used to develop the below indicated modification proposal price shall be submitted with the proposal. Please execute and return this document by 4/27/18
Date

WORK DESCRIPTION

The Contractor is requested to provide a credit for removing installation of VDG-505 shown on Drawing A-G-18 from the project. Credit shall include, but not limited to, labor for installation of the valve, actuator and controls; material for associated conduit and wiring; and any equipment not yet purchased.

PROPOSAL

(Section to be filled out by Contractor)

To: Glenbard Wastewater Authority

Date: 5/1/18

Contractor Proposal No.: _____

We propose to perform the work as described in the above request for modification proposal in accordance with the contract specifications for the total price of < 4,390.08 >.

This proposal is valid until 6/1/18
Date

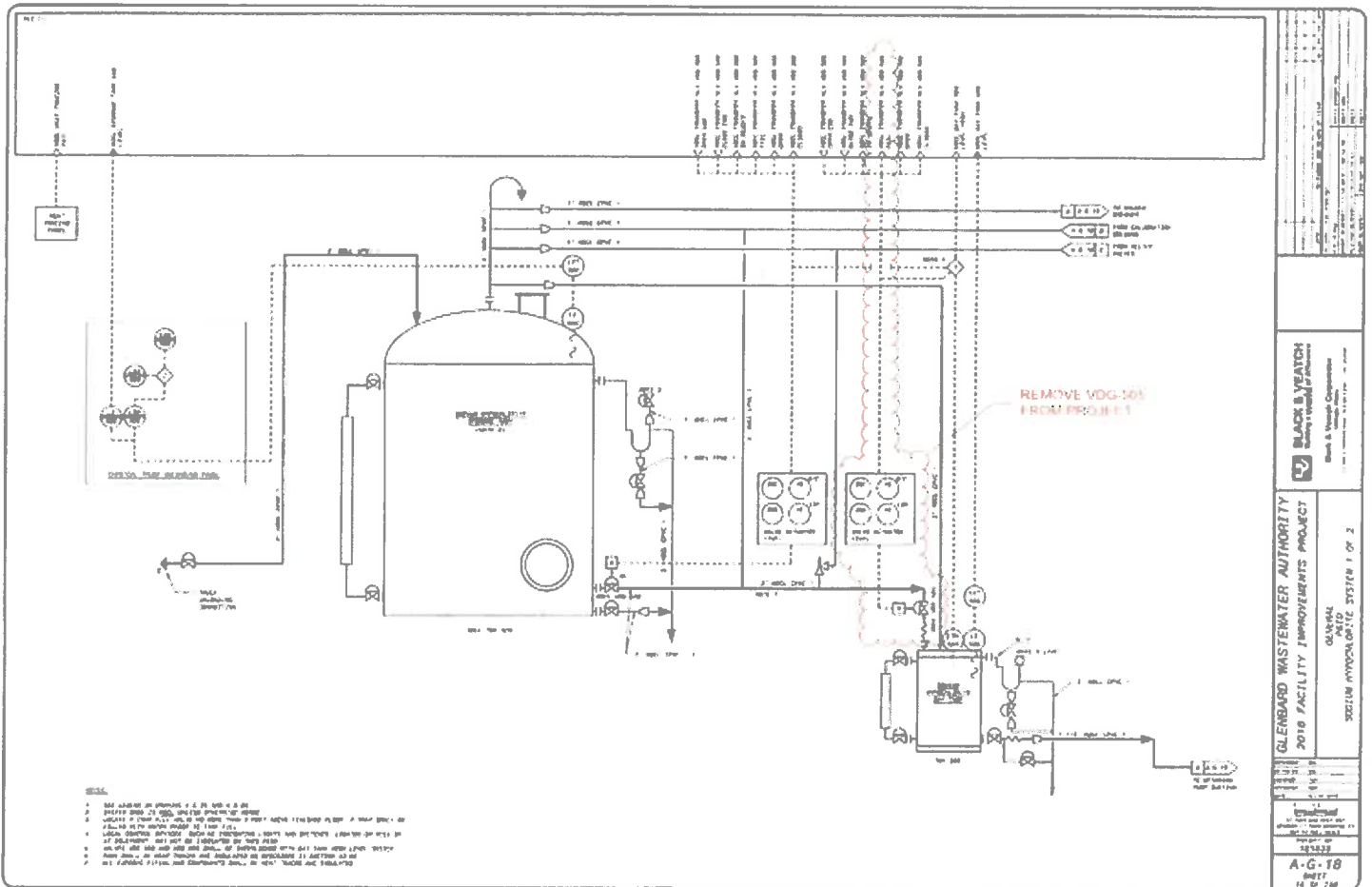
SUBMITTED BY:

[Signature]
Contractor Representative

Project Manager
Title

5/1/18
Date

RFP 014





Boller Construction Company
3045 Washington Street
Waukegan, Illinois 60085-4843
Phone: (847) 662-5566

Project: 16-157 - Glenbard WWA 2018 RFP
21W551 Bemis Rd
Glen Ellyn, Illinois 60137
Phone: 647-989-4539

Prime Contract Potential Change Order #028: RFP 014-Delete Valve VDG - 505

TO:	Glenbard Wastewater Authority 21W551 Bemis Rd Glen Ellyn Illinois, 60137	FROM:	Boller Construction Company 3045 W Washington St Waukegan Illinois, 60085
REQUEST RECEIVED FROM:		CREATED BY:	Shelley Morn (Boller Construction Company)
STATUS:	Pending - In Review	CREATED DATE:	5/1 /2018
SCHEDULE IMPACT:		TOTAL AMOUNT:	(\$4,390.00)

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #015 - RFP 014-Delete Valve VDG - 505
RFP 014-Delete Valve VDG - 505

ATTACHMENTS:

#	Description	Amount
1	Mechanical	(\$2,544.00)
2	Electrical	(\$1,837.00)
Subtotal:		(\$4,381.00)
Overhead & Profit (Subs): 6.00% Applies to Subcontract		(\$268.00)
Bond: 0.00% Applies to all line item types.		\$ 0.00
Overhead & Profit (Boller): 15.00% Applies to Labor, Other, Administrative, Equipment, and Material.		\$ 0.00
Grand Total:		(\$4,390.00)

Approved By _____

Date _____



4155 N. KNOX AVENUE
CHICAGO, IL 60641 - 1915

PH: (773) 282-4500

FX: (773) 282-2046

WEB: WWW.INDEPENDENTMECH.COM
EMAIL: INFO@INDEPENDENTMECH.COM

May 1, 2018

Mr. Joe Henderson
Boller Construction Company, Inc.
3045 W. Washington St.
Waukegan, IL 60085

**Subject: Glenbard Wastewater Authority - 2016 Facility Improvements
RFP - 014 VGD 05 Valve Credit**

Dear Sir,

INDEPENDENT MECHANICAL INDUSTRIES, Inc. is pleased to quote the following proposal per RFP 014 for the Glenbard Wastewater Authority Project.

Scope

1. Provide a credit to not install and return one Actuator. The PVC valve can not be returned and the Actuator that is already on-site needs to be removed from the valve and returned to the supplier.

Total Credit price: (\$2,544.00)

Thank you for the opportunity to provide you with our value engineering ideas. Please call me at 773-908-5343 or e-mail me at colson@independentmech.com if you have any questions.

Sincerely,

INDEPENDENT MECHANICAL INDUSTRIES, Inc.

Chris W. Olson
Project Manager

CWO/mg

RFP 014

Glenbard Water Authority - 2016 Facility Improvements Project																
RFP 014 - VDG-995 Valve Credit																
INDEPENDENT MECHANICAL INDUSTRIES, INC																
ITEM #	QTY	SIZE	DESCRIPTION	LABOR	MATERIAL	SUBS	EQUIP	OTHER	TOTAL	LABOR				MATERIAL		
										QTY	UNIT	HRS	Rate 1 Aug. 1 Per	QTY	UNIT	MAT \$
1																
2			Adjuster Credit	\$0	-32,500				-32,500	0	0.00	0		1	-32,500.00	-32,500.00
3			Labor to install Adjusted Valve	-1179	\$0				-1179	1	3.00	3		0	\$0.00	\$0.00
4			Time the return Adjuster	\$354	\$0				\$354	1	4.00	4		0	\$0.00	\$0.00
5				\$0	\$0				\$0	0	0.00	0		0	\$0.00	\$0.00
6				\$0	\$0				\$0	0	0.00	0		0	\$0.00	\$0.00
SUB TOTAL - (\$)				975	-32,500				-31,525	TOTAL HOURS						
SUBTOTAL - (%)				14.00%	14.00%	14.00%	0.00%	0.00%								
SUBTOTAL - (\$)				197	-32,500				-32,303							
GRAND TOTAL - (\$)				\$294	-32,750	\$0	\$0	\$0	-32,456							

RFP 014



SWANSON FLO

775 W. Beiden Ave. (Unit 1) Addison, IL 60101 630.543.7400 WWW.SWANSONFLO.COM

4-30-18

Independent Mechanical

Re: Glenbard CPS: RFP 014 - VDG-505 Valve Credit

Chris,

The credit will be \$2502.00/unit.

This number deducts the labor that was already involved with original assembly, labor involved with disassembly, and no credit back for adaption. Also the valve will be returned to you since we did not provide it.

If you have any questions please do not hesitate to contact me.

Best regards,

Paul Galdun
Swanson Flo

RFP 014

RFP 014 - Valve Credit 18.04.24.xlsx

	Buyout Extended	Material Extended	Labor Extended
X-E-08	0.00	-312.00	-12
Labor Hours Subtotal			-12
Labor Rate			95
Subtotal	0.00	-312.00	-1,111.50
Markup	15%	15%	15%
Subtotal With Markup	0.00	-358.80	-1,278.23
Estimate Total	(1,637.03)		
Overhead	-	0.0%	
Bond	-	0.0%	
Contingency	-	0.0%	
Price	(1,637.03)		

RFP 014

X-E-08

	Qty	per	Buyout	Buyout	Material	Material	Labor	Labor
			Unit	Extended	Unit	Extended	Unit	Extended
Total				0.00		-312.00		-11.70
#14 XHHW	-1560	m			150.00	(234.00)	6	-9.36
#12 XHHW	-390	m			200.00	(78.00)	6	-2.34

Total			0.00	-312.00	-11.70
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RFP 015

REQUEST FOR PROPOSAL (RFP)

Glenbard Wastewater Authority
2016 Facility Improvements Project
Project No. 185838

RFP No.: 015

Date: 6/1/18

To: Boller Construction Company, Inc.
Contractor Company

Contract Name: GWA – 2016 Facility
Improvements Project

Prepared By: Black & Veatch

Owner's Contract No.: 5180

Authorized By: _____
Signature

You are hereby requested to submit a cost proposal to perform the below described work in accordance with the contract specifications. Backup data used to develop the below indicated modification proposal price shall be submitted with the proposal. Please execute and return this document by 6/15/18
Date

WORK DESCRIPTION

The Contractor is requested to provide a proposal to keep the existing bypass channel gate in operation. The proposal shall include installing a new circuit breaker in the new MCC-L at the Filter Building. Preference on controls for the gate shall be coordinated with GWA. Contractor shall reflect the installation in the as-built drawings. In addition, the proposal shall include a credit for the following items:

Items for credit

- Leave the existing stop gates, frames, actuator and conduit in place (L-D-02 – Keynote 2).
- Do not install cover plate in bypass channel (L-AS-03 – Detail B).
- Do not install watertight plug at south wall of Filter Effluent Box (L-M-01 – Keynote 1).

In addition, provide a separate line item that includes a credit and associated cost for the following:

- Instead of removing existing Effluent Structure in place and capping at floor (L-D-01 – Keynote 2), modify existing structure as shown in attached, install cover plates to seal the structure and paint to match, and leave in place.

PROPOSAL

(Section to be filled out by Contractor)

To: Glenbard Wastewater Authority

Date: 7/24/18

Contractor Proposal No.: 032/033

We propose to perform the work as described in the above request for modification proposal in accordance with the contract specifications for the total price of \$6,374,677
12,347,40

This proposal is valid until 8/24/18
Date

SUBMITTED BY:

Contractor Representative

Project Manager

Title

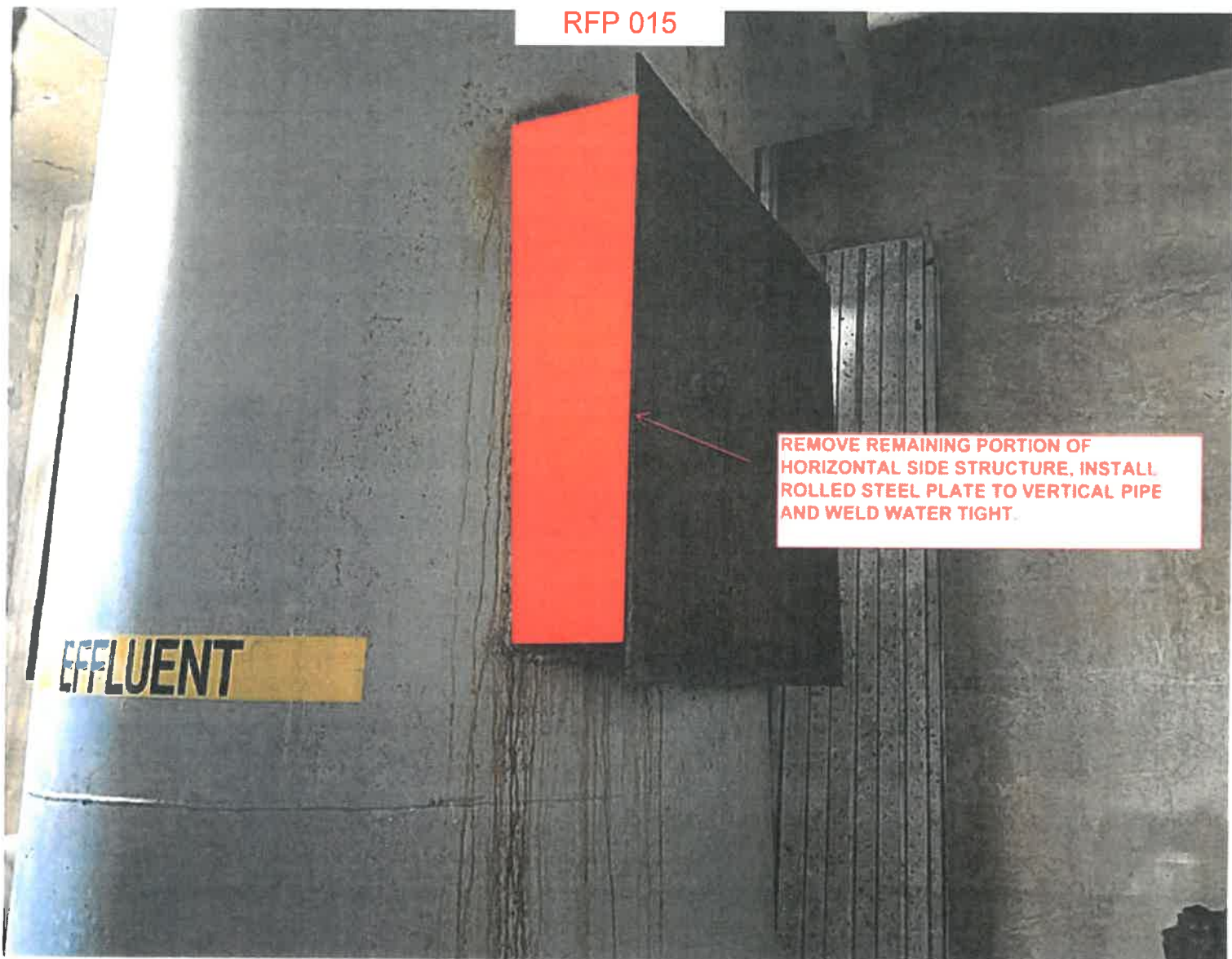
7/24/18

Date

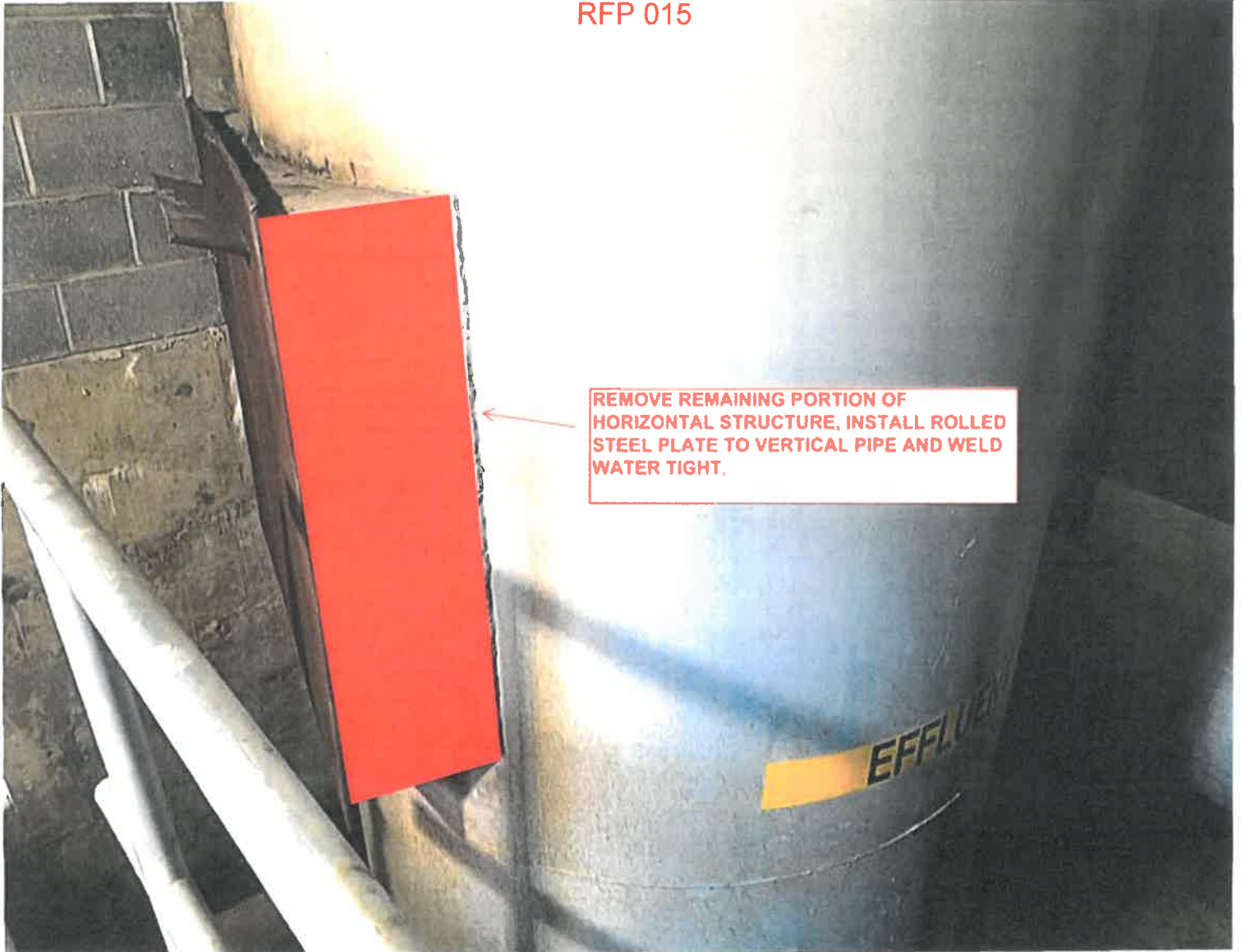
RFP 015

REMOVE REMAINING PORTION OF
HORIZONTAL SIDE STRUCTURE, INSTALL
ROLLED STEEL PLATE TO VERTICAL PIPE
AND WELD WATER TIGHT.

EFFLUENT



RFP 015





Boller Construction Company
3045 Washington Street
Waukegan, Illinois 60085-4843
Phone: (847) 662-5566

Project: 16-157 - Glenbard WWA 2016 FIP
21W551 Bemis Rd
Glen Ellyn, Illinois 60137
Phone: 847-989-4539

Prime Contract Potential Change Order #032: A - Bypass Channel Gate

TO:	Glenbard Wastewater Authority 21W551 Bemis Rd Glen Ellyn Illinois, 60137	FROM:	Boller Construction Company 3045 W Washington St Waukegan Illinois, 60085
REQUEST RECEIVED FROM:	Joe Henderson (Boller Construction Company)	CREATED BY:	Shelley Morin (Boller Construction Company)
STATUS:	Pending - In Review	CREATED DATE:	7/24 /2018
SCHEDULE IMPACT:		TOTAL AMOUNT:	(\$6,374.67)

CHANGE REASON: Client Request

POTENTIAL CHANGE ORDER DESCRIPTION: (The Contract Is Changed As Follows)

CE #056 A - Bypass Channel Gate
Bypass Channel Gate

ATTACHMENTS:

RFP 015 - Effluent Bypass.pdf

#	Description	Amount
1	Demolition	(\$650.00)
2	Electric	\$ 2,967.00
3	Concrete Pump Rental	(\$1,500.00)
4	12 hrs @ 107.00	(\$1,284.00)
5	Concrete material	(\$2,000.00)
6	Midwright	(\$1,000.00)
7	24 Hours @ 106.00	(\$2,544.00)
8	OVERHEAD & PROFIT @ 5%	(\$300.66)
9	BOND @ 1%	(\$63.12)
Subtotal:		(\$6,374.67)
Grand Total:		(\$6,374.67)

Approved By

Date



PCO #033

Boiler Construction Company
3045 Washington Street
Waukegan, Illinois 60085-4843
Phone: (847) 862-5566

Project: 16-157 - Glenbard WWA 2016 FIP
21W551 Bemis Rd
Glen Ellyn, Illinois 60137
Phone: 847-989-4539

Prime Contract Potential Change Order #033: B - Bypass Channel Gate Effluent Structure Adder

TO:	Glenbard Wastewater Authority 21W551 Bemis Rd Glen Ellyn Illinois, 60137	FROM:	Boiler Construction Company 3045 W Washington St Waukegan Illinois, 60085
REQUEST RECEIVED FROM:	Joe Henderson (Boiler Construction Company)	CREATED BY:	Shelley Morin (Boiler Construction Company)
STATUS:	Pending - In Review	CREATED DATE:	7/24 /2018
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$12,347.40

CHANGE REASON: Client Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #056 B - Bypass Channel Gate Effluent Structure Adder
Bypass Channel Gate Effluent Structure Adder

ATTACHMENTS:

RFP 015 - Effluent Bypass.pdf

#	Description	Amount
1	Mechanical	\$ 8,403.00
2	painting	\$ 2,240.00
Subtotal:		\$11,643.00
Overhead & Profit (Subs): 5.00% Applies to Subcontract.		\$ 582.15
Bond: 1.00% Applies to all line item types.		\$ 122.25
Overhead & Profit (Boiler): 15.00% Applies to Labor, Other, Administrative, Equipment, and Material.		\$ 0.00
Grand Total:		\$12,347.40

Approved By _____

Date _____

RFP 015

CEC Environmental
8128 W 47th Street
Lyons, IL 60534

Credit Memo

Date	Credit No.
7/13/2018	CEC138-3

Customer
BOLLER CONSTRUCTION 3045 W. Washington St. Waukegan, IL 60085

P.O. No.	Project
	GLENBARD WAST...

Description	Qty	Rate	Amount
CREDIT FOR EFFLUENT DISCHARGE TANK NOT REMOVED AT LEONARD WASTE		650.00	-650.00
		Total	-\$650.00

Invoices	\$0.00
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Balance Credit	-\$650.00
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4155 N. KNOX AVENUE
CHICAGO, IL 60641 - 1915

PH: (773) 282-4500

FX (773) 282-2046

WEB: WWW.INDEPENDENTMECH.COM
EMAIL: INFO@INDEPENDENTMECH.COM

June 15, 2018

Mr. Joe Henderson
Boller Construction Company, Inc.
3045 W. Washington St.
Waukegan, IL 60085

**Subject: Glenbard Wastewater Authority - 2016 Facility Improvements
RFP-015 Bypass Channel**

Dear Sir,

INDEPENDENT MECHANICAL INDUSTRIES, Inc. is pleased to quote the following proposal per RFP 015 for the Glenbard Wastewater Authority Project.

Scope

1. Remove the remaining portion of the horizontal side structure on both sides of the horizontal effluent pipe.
2. Install A36 1/2in thick oversized plates over the openings on both sides the effluent pipe and seal weld. Painting is by others.

Total ADD price: \$9,403.00

Thank you for the opportunity to provide you with our value engineering ideas. Please call me at 773-908-5343 or e-mail me at colson@independentmech.com if you have any questions.

Sincerely,

INDEPENDENT MECHANICAL INDUSTRIES, Inc.

Chris W. Olson
Project Manager

CWO/mg

RFP 015

Glenbard Water Authority - 2016 Facility Improvements Project																
Request for Proposal No. 015																
INDEPENDENT MECHANICAL INDUSTRIES, INC.																
ITEM #	QTY	SIZE	DESCRIPTION	LABOR	MATERIAL	SUBS	EQUIP	OTHER	TOTAL	LABOR				MATERIAL		
										QTY	UNIT	HRS	Each 1 Amp, 1 Foot	QTY	UNIT	MAT \$
1																
2			Remove Remaining portion of Horizontal Structure (2 locations)	\$3,084	\$0				\$3,084	2	16.00	32	\$96.37	0	\$0.00	\$0.00
3				\$0	\$0				\$0	0	0.00	0	\$96.37	0	\$0.00	\$0.00
4			Install A36 1/2in thick rolled plate over opening and seal weld (2 Location)	\$3,084	\$2,100				\$5,184	2	16.00	32	\$96.37	11	\$2,100.00	\$2,500.00
5				\$0	\$0				\$0	0	0.00	0	\$96.37	0	\$0.00	\$0.00
6				\$0	\$0				\$0	0	0.00	0	\$96.37	0	\$0.00	\$0.00
7				\$0	\$0				\$0	0	0.00	0	\$0.00	0	\$0.00	\$0.00
SUB TOTAL - (\$)				\$6,168	\$2,100	\$0	\$0	\$0	\$8,268	64			TOTAL HOURS			
MARKUP - (%)				15.00%	15.00%	15.00%	6.00%	6.00%								
MARKUP - (\$)				\$925	\$315	\$0	\$0	\$0	\$1,140							
GRAND TOTAL - (\$)				\$7,093	\$2,415	\$0	\$0	\$0	\$9,403							

RFP 015

RFP 000 Overflow Gate Repipe and Wire back to MCC L

	Buyout Extended	Material Extended	Labor Extended
Filter Upper	0.00	1,225.80	25.80
Labor Total			25.80
Labor Rate			100
Subtotal	0.00	1,225.80	2580
Markup	15%	15%	15%
Subtotal With Markup	0.00	1,409.67	2,967.00
Estimate Total	4,376.67		
Overhead	-	0.0%	
Bond	-	0.0%	
Contingency	-	0.0%	
Price	4,376.67		

RFP 015

RFP 000 Overflow Gate Repipe and Wire back to MCC L

	Qty	per	Buyout Unit	Buyout Extended	Material Unit	Material Extended	Labor Unit	Labor Extended
Total				0.00		1,225.80		25.80
SS Rack	1				500.00	500.00	4	4.00
1" GRS	0.4	c			325.00	1.30	10	0.04
3/4" GRS	2	c			225.00	4.50	8	0.16
#12 XHHW	3600	m.			200.00	720.00	6	21.60
Total				0.00		1,225.80		25.80

SECTION 8.0

DISCUSSION

SECTION 8.1

FACILITY IMPROVEMENT PROJECT - UPDATE

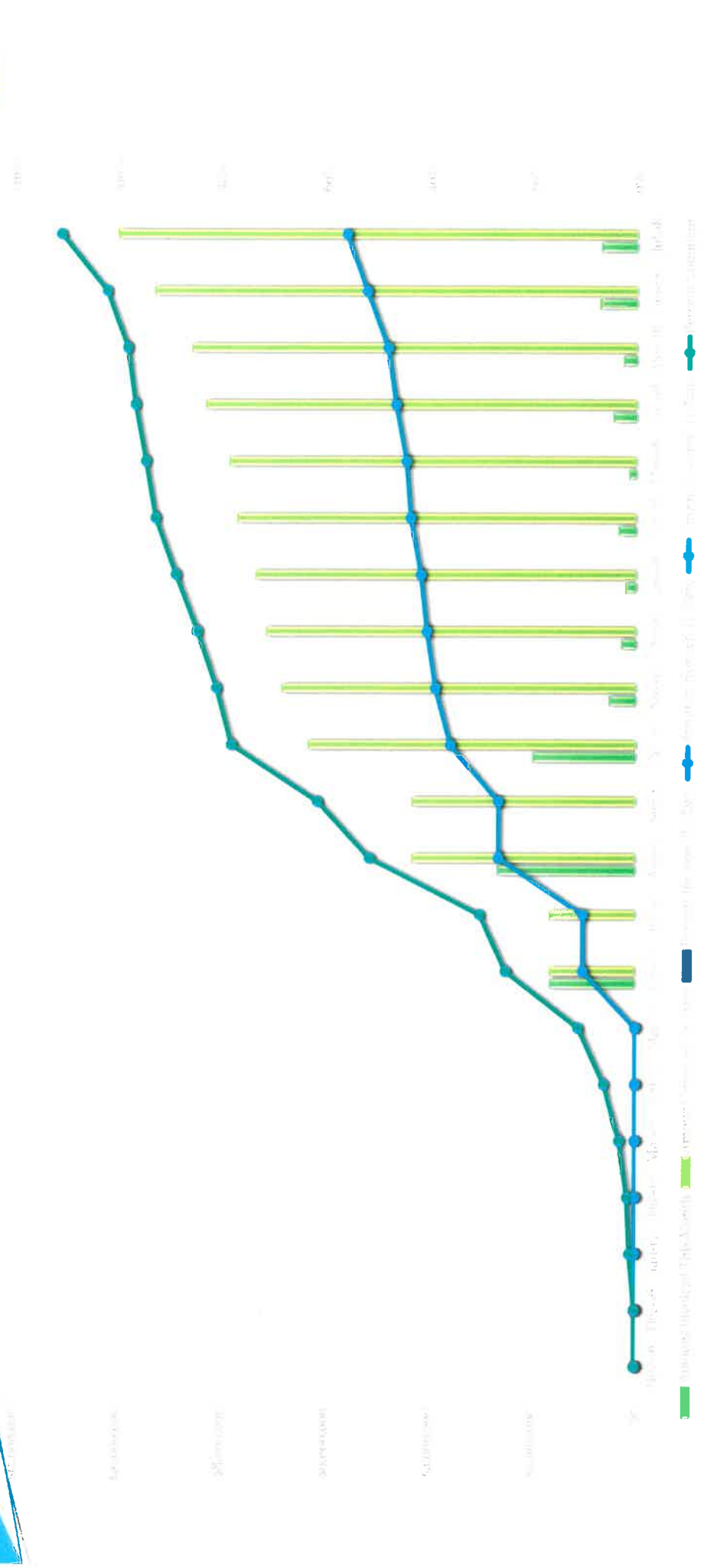


FIP Project Update

- Work Completed Since Last EOC Meeting
 - Filter Building Cleanup/Loose Ends Continues
 - Installation of Filter Building Influent/Effluent Lids
 - ERS System Installed
 - HVAC Work
 - 277 Submittals
 - 46 Requests for Information
 - Released Payments Through #11 (of 12)
 - Still holding \$701,353.33 (+ \$875,028.68 Retention)
- Work Anticipated Prior to Next EOC Meeting
 - Filter Building Finishing Continuation
 - Pump Station Excavation Starting





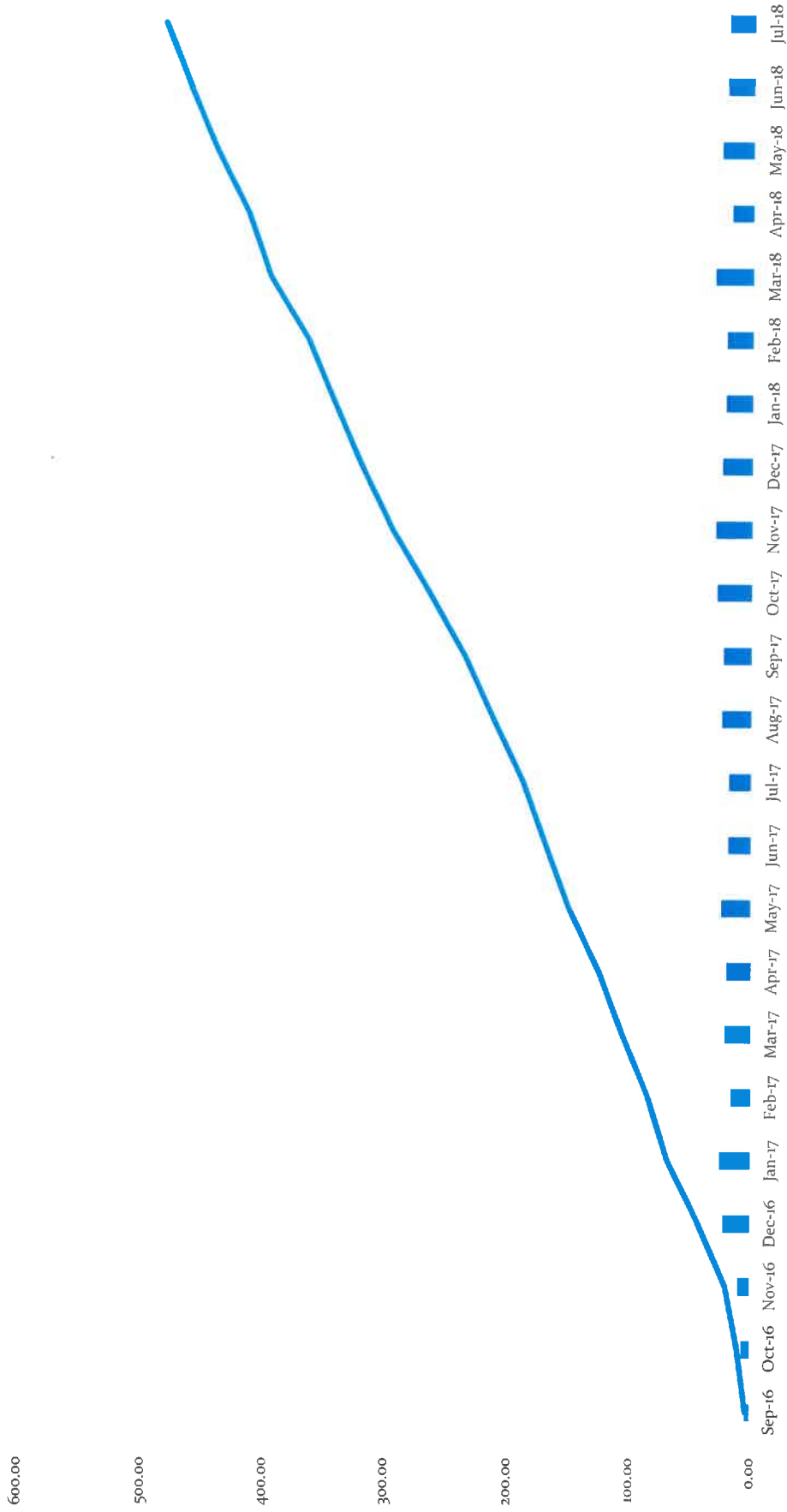


Days Remaining Until Final Completion (11/19/2019): 433



FIP-GWA RE Tracking

■ GWA RE Hours — GWA RE Hours To Date



SECTION 8.2

PRETREATMENT ORDINANCE - STATUS

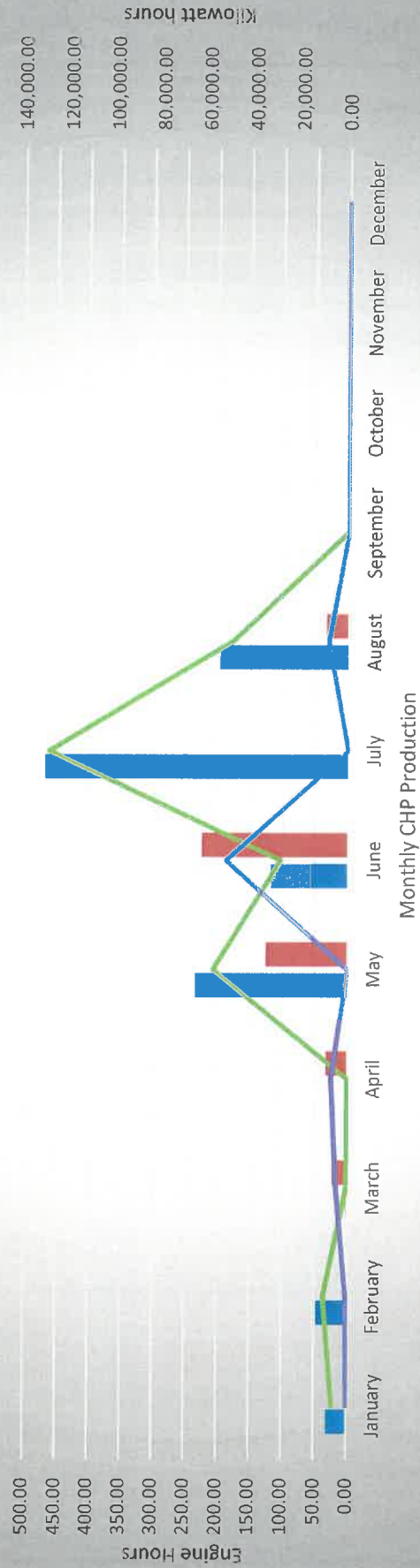
SECTION 8.3

CHP UPDATES



Combined Heat & Power Production Report

Road to Net Zero



Monthly CHP Production 2018 = \$0.07/kWh

	Engine #1 Hrs	Engine #1 Avail Hrs	Engine #2 Hrs	Engine #2 Avail Hrs	Engine #1 kWh	Engine #1 Avail kWh	Engine #2 kWh	Engine #2 Avail kWh	\$ Saved
January	30.80	744	0.00	744	6,252.00	279,000	10.00	279,000	\$438.34
February	46.40	672	2.20	672	10,038.00	252,000	391.00	252,000	\$730.03
March	1.30	744	22.30	744	224.00	279,000	4,632.00	279,000	\$339.92
April	0.20	720	32.80	720	0.00	270,000	6,854.00	270,000	\$479.78
May	234.40	744	125.40	744	57,834.00	279,000	125.40	279,000	\$4,057.16
June	118.70	720	224.40	720	28,690.00	270,000	52,309.00	270,000	\$5,669.93
July	467.80	744	0.00	744	129,134.00	279,000	0.00	279,000	\$9,039.38
August	197.40	744	33.70	744	49,870.00	279,000	8,477.00	279,000	\$4,084.29



Return on Investment Monetary Breakdown

Calendar Year 2017		Grant Funding DXEO/CECF	HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.09/kWh	Additional MG Costs; Comp Previous Years Month	Maintenance Costs	Total + or -	Hit + or Miss- Year Repayment Schedule
January			270,253	\$13,512.65	\$35,121.96	(\$7,458.26)	(\$1,283.15)	\$39,893.20	\$37,061.44
February			319,906	\$15,995.30	\$25,186.50	(\$875.65)	(\$16,353.56)	\$23,952.59	\$37,061.44
March			306,330	\$15,316.50	\$23,849.37	(\$2,493.50)	(\$7,015.48)	\$29,716.89	\$37,061.44
April			353,953	\$17,697.65	\$32,190.75	(\$3,031.14)	(\$995.00)	\$45,862.26	\$37,061.44
May			471,371	\$23,568.55	\$22,998.42	(\$3,542.00)	(\$710.44)	\$42,314.53	\$37,061.44
June		\$129,348.00	572,038	\$28,601.90	\$30,523.32	\$0.00	(\$1,444.40)	\$37,680.82	\$37,061.44
July		\$388,042.50	589,748	\$29,487.40	\$27,406.26	\$0.00	(\$19,703.00)	\$37,190.66	\$37,061.44
August			479,644	\$23,982.20	\$20,794.32	\$0.00	(\$31,500.00)	\$13,276.52	\$37,061.44
September			0	\$0.00	\$7,274.88	\$0.00	(\$895.00)	\$6,379.88	\$37,061.44
October			0	\$0.00	\$7,268.13	\$0.00	(\$1,950.43)	\$5,317.70	\$37,061.44
November			0	\$0.00	\$5,630.60	\$0.00	\$0.00	\$3,630.60	\$37,061.44
December			0	\$0.00	\$1,046.97	\$0.00	\$895.00	\$1,941.97	\$37,061.44
Annual Totals		\$517,390.50	3,363,243	\$168,162.15	\$237,291.48	(\$17,340.55)	(\$80,955.46)	\$307,157.62	
Repayment Balance		\$3,913,688.51							
Annual Payback on Investment		\$307,157.62							
Current Return on Investment in Years		12.7							

Sum of 2017

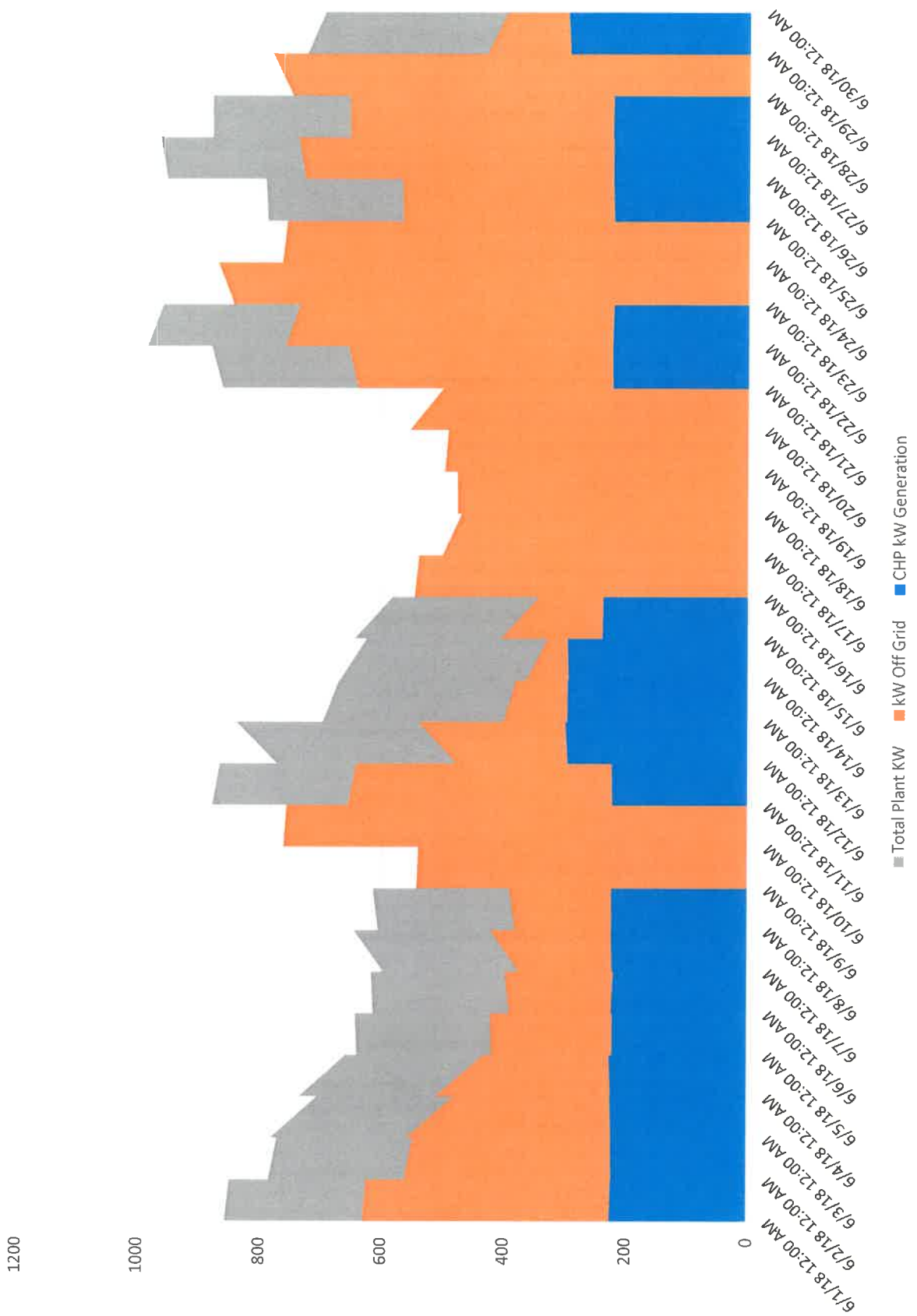
Calendar Year 2018		Grant Funding DXEO/CECF	HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.09/kWh	Maintenance Costs	Total + or -	Hit + or Miss- Year Repayment Schedule
January			0	\$0.00	\$438.34	\$0.00	\$438.34	\$33,846.66
February			0	\$0.00	\$730.03	\$0.00	\$730.03	\$33,846.66
March			0	\$0.00	\$339.92	\$0.00	\$339.92	\$33,846.66
April			0	\$0.00	\$479.78	\$0.00	\$479.78	\$33,846.66
May			63,882	\$3,244.10	\$4,057.16	\$0.00	\$7,301.26	\$33,846.66
June			44,500	\$2,250.00	\$5,669.93	(\$774.09)	\$7,145.84	\$33,846.66
July			50,500	\$2,525.00	\$9,039.38	(\$1,431.64)	\$10,132.74	\$33,846.66
August			38,000	\$1,900.00	\$4,084.29	(\$228.90)	\$5,755.39	\$33,846.66
September			0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,846.66
October			0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,846.66
November			0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,846.66
December			0	\$0.00	\$0.00	\$0.00	\$0.00	\$33,846.66
Annual Totals			196,882	\$9,919.10	\$24,838.83	(\$2,434.63)	\$32,323.30	
Repayment Balance			\$3,574,207.59					
Annual Payback on Investment			\$214,357.91					
Current Return on Investment in Years			16.7					

Average Since Inception

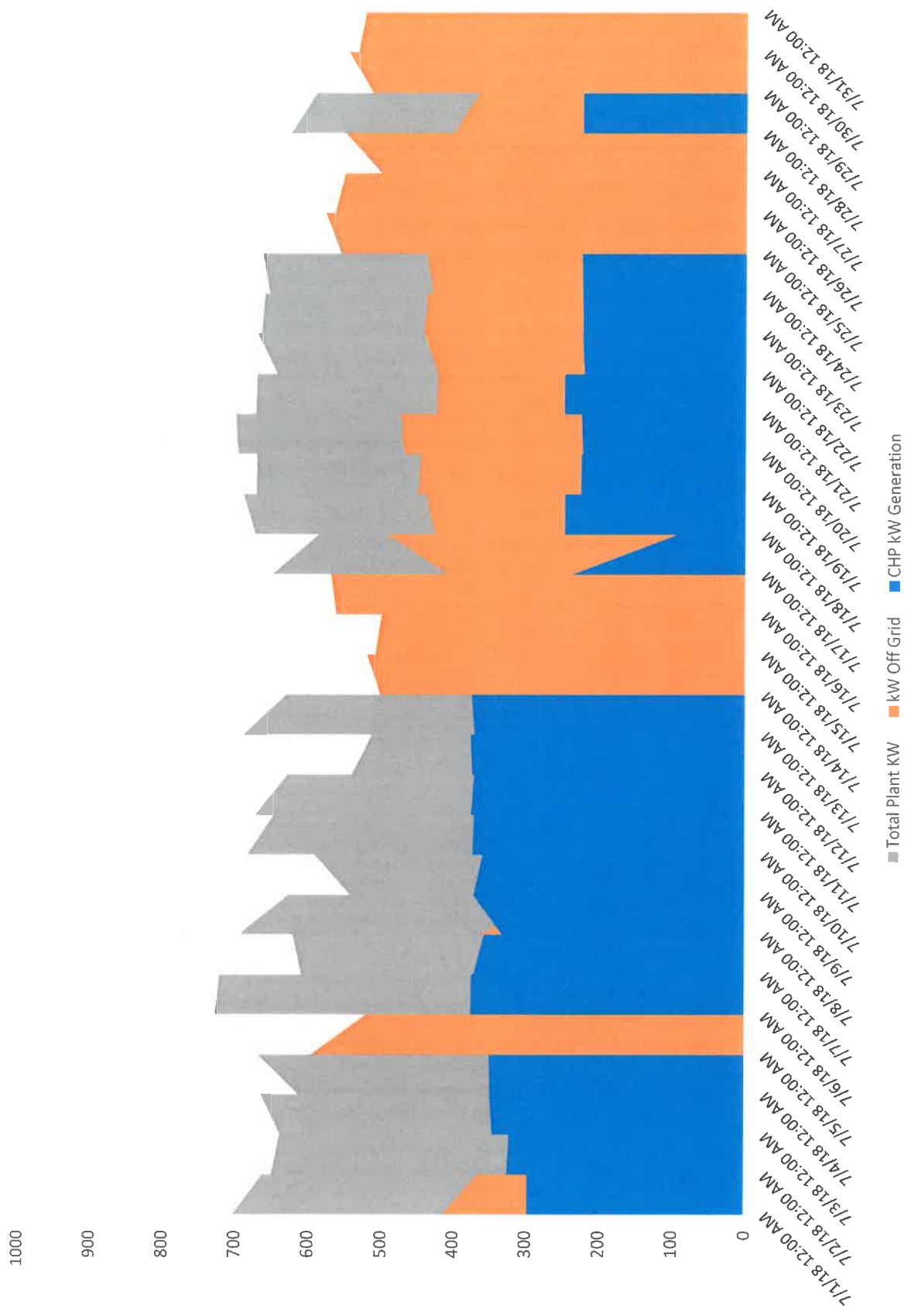
	Engine #1 Hrs	Engine #2 Hrs	Engine #1 kWh	Engine #2 kWh	Total Hrs	KW/h	Total kWh		July	Engine #1 Hrs	Engine #2 Hrs	Engine #1 kWh	Engine #2 kWh	Total Hrs	KW/h	Total kWh	
June									7/1/2018	24	0	0	7149	0	24	298	7149
6/1/2018	0	13.3	0	2877	13.3	216	2877		7/2/2018	24	0	0	7387	0	24	308	7387
6/2/2018	0	19.9	0	4432	19.9	223	4432		7/3/2018	24	0	0	7980	0	24	333	7980
6/3/2018	0	16.7	0	3666	16.7	220	3666		7/4/2018	24	0	0	7173	0	24	299	7173
6/4/2018	0	9	0	1916	9	213	1916		7/5/2018	6.2	0	0	1860	0	6.2	300	1860
6/5/2018	0	12.7	0	2756	12.7	217	2756		7/6/2018	17.7	0	0	5930	0	17.7	335	5930
6/6/2018	0	0	0	0	0	0	0		7/7/2018	24	0	0	7217	0	24	301	7217
6/7/2018	0	22.8	0	5061	22.8	222	5061		7/8/2018	24	0	0	6930	0	24	289	6930
6/8/2018	0	12.3	0	2666	12.3	217	2666		7/9/2018	24	0	0	7775	0	24	324	7775
6/9/2018	0	13.6	0	2970	13.6	218	2970		7/10/2018	24	0	0	7839	0	24	327	7839
6/10/2018	0	0	0	0	0	0	0		7/11/2018	24	0	0	24	0	24	1	24
6/11/2018	0	16.3	0	3658	16.3	224	3658		7/12/2018	24	0	0	8571	0	24	357	8571
6/12/2018	0	24	0	6084	24	254	6084		7/13/2018	24	0	0	8868	0	24	370	8868
6/13/2018	0	24	0	6413	24	267	6413		7/14/2018	21.8	0	0	8063	0	21.8	370	8063
6/14/2018	0	11.9	0	3188	11.9	268	3188		7/15/2018	2.2	0	0	732	0	2.2	333	732
6/15/2018	0	14.9	0	3581	14.9	240	3581		7/16/2018	3.9	0	0	1108	0	3.9	284	1108
6/16/2018	0	13	0	3041	13	234	3041		7/17/2018	14.1	0	0	3385	0	14.1	240	3385
6/17/2018	0	0	0	0	0	0	0		7/18/2018	8	0	0	2129	0	8	266	2129
6/18/2018	0	0	0	0	0	0	0		7/19/2018	14.8	0	0	3587	0	14.8	242	3587
6/19/2018	0	0	0	0	0	0	0		7/20/2018	16.5	0	0	3608	0	16.5	219	3608
6/20/2018	0	0	0	0	0	0	0		7/21/2018	24	0	0	5471	0	24	228	5471
6/21/2018	9.1	0	2267	0	9.1	249	2267		7/22/2018	14.9	0	0	3561	0	14.9	239	3561
6/22/2018	11.6	0	2523	0	11.6	218	2523		7/23/2018	17.3	0	0	3790	0	17.3	219	3790
6/23/2018	6.7	0	1422	0	6.7	212	1422		7/24/2018	8.3	0	0	1758	0	8.3	212	1758
6/24/2018	3.9	0	762	0	3.9	195	762		7/25/2018	5	0	0	996	0	5	199	996
6/25/2018	8	0	1742	0	8	218	1742		7/26/2018	5.8	0	0	1204	0	5.8	208	1204
6/26/2018	10.2	0	2193	0	10.2	215	2193		7/27/2018	0	0	0	0	0	0	0	0
6/27/2018	12.5	0	2705	0	12.5	216	2705		7/28/2018	0	0	0	0	0	0	0	0
6/28/2018	19.1	0	4256	0	19.1	223	4256		7/29/2018	0	0	0	0	0	0	0	0
6/29/2018	13.6	0	3671	0	13.6	270	3671		7/30/2018	4.4	0	0	901	0	4.4	205	901
6/30/2018	24	0	7149	0	24	298	7149		7/31/2018	18.9	0	0	4138	0	18.9	219	4138
Total	119	224	28,690	52,309	343	5,547	80,999		Total	468	0	129,134	0	468	7,522	129,134	
Total Avail	672	672	252,000	252,000	1,344	504,000	504,000		Total Avail	744	744	279,000	279,000	1,488	558,000	558,000	
Average	4	7	956	1,804	11	185	2,700		Average	15	0	4,166	0	15	243	4,166	
% Utilization	18%	33%	11%	21%	26%	1%	16%		% Utilization	63%	0%	46%	0%	24%	1%	23%	

August	Engine #1 Hrs	Engine #2 Hrs	Engine #1 kWh	Engine #2 kWh	Total Hrs	KW/h	Total kWh
8/1/2018	20.8	0	4538	0	20.8	218.1731	4538
8/2/2018	24	0	5377	0	24	224.0417	5377
8/3/2018	14.5	0	3520	0	14.5	242.7586	3520
8/4/2018	0	0	0	0	0	0	0
8/5/2018	0	0	0	0	0	0	0
8/6/2018	17.8	0	4980	0	17.8	279.7753	4980
8/7/2018	24	0	6779	0	24	282.4583	6779
8/8/2018	19.7	1	6449	201	20.7	321.256	6650
8/9/2018	0	0	0	0	0	0	0
8/10/2018	0	0	0	0	0	0	0
8/11/2018	0	0	0	0	0	0	0
8/12/2018	0	0	0	0	0	0	0
8/13/2018	0	0	0	0	0	0	0
8/14/2018	0	0	0	0	0	0	0
8/15/2018	0	0	0	0	0	0	0
8/16/2018	0	0	0	0	0	0	0
8/17/2018	0	0	0	0	0	0	0
8/18/2018	0	0	0	0	0	0	0
8/19/2018	0	0	0	0	0	0	0
8/20/2018	0	0	0	0	0	0	0
8/21/2018	0	0	0	0	0	0	0
8/22/2018	0	0	0	0	0	0	0
8/23/2018	14.1	0	3652	0	14.1	259.0071	3652
8/24/2018	22.9	0	5249	0	22.9	229.214	5249
8/25/2018	13.2	0	3218	0	13.2	243.7879	3218
8/26/2018	10.9	0	2678	0	10.9	245.6881	2678
8/27/2018	12.4	0	2803	0	12.4	226.0484	2803
8/28/2018	0	0	0	0	0	0	0
8/29/2018	3.1	9	627	1949	12.1	0	2576
8/30/2018	0	23.7	0	6327	23.7	0	6327
8/31/2018	0	0	0	0	0	0	0
Total	197	34	49,870	8,477	231	2,772	58,347
Total Avail	744	744	279,000	279,000	1,488	558,000	558,000
Average	6	1	1,609	283	7	89	1,882
% Utilization	27%	5%	18%	3%	16%	0%	10%

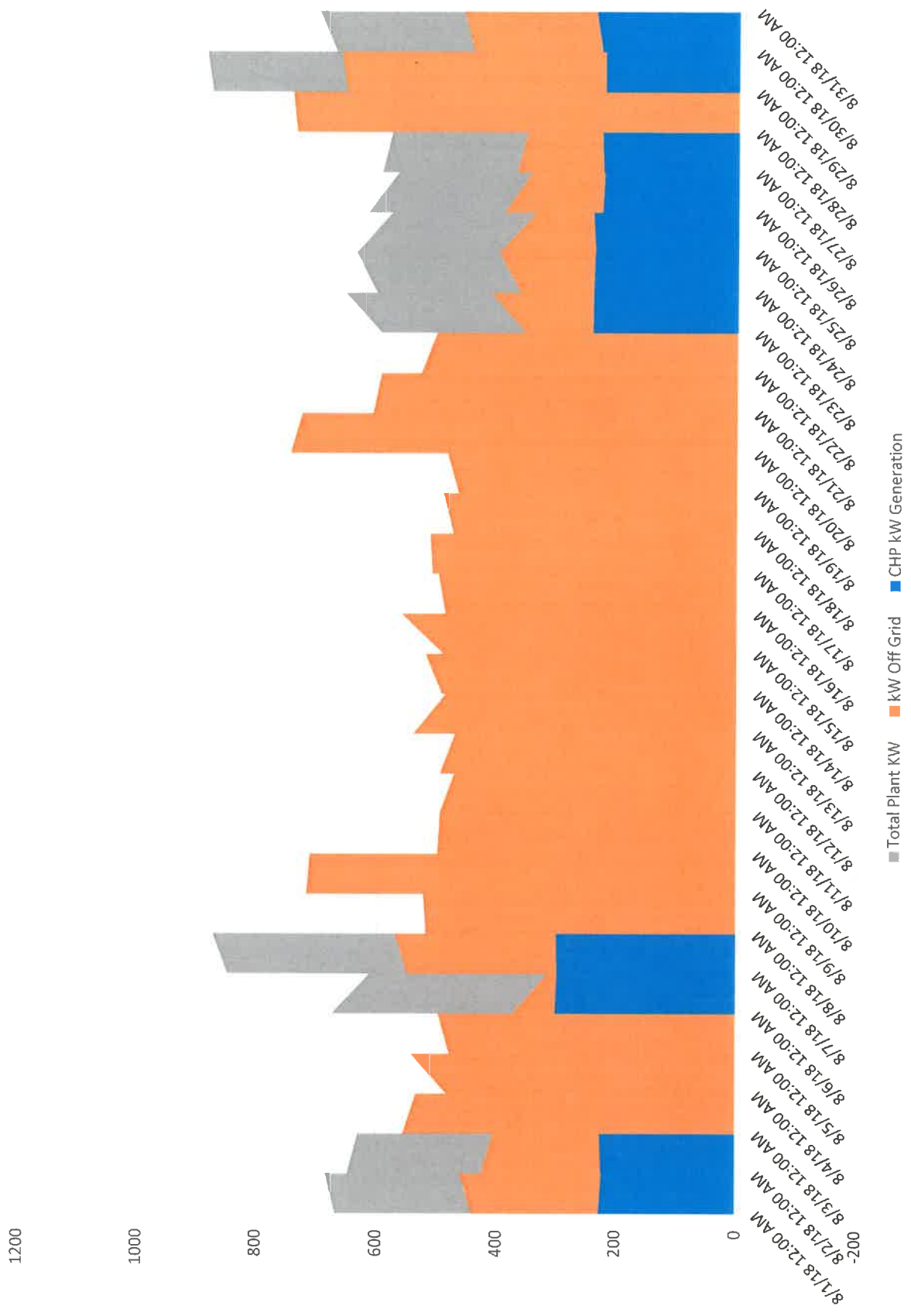
June 2018



July 2018



August 2018



SECTION 8.4

PERSONNEL UPDATES

MEMORANDUM

TO: Executive Oversight Committee
FROM: Matt Streicher, P.E. BCEE
DATE: September 13, 2018
RE: Assistant Director/Engineer Introduction



The Authority advertised for the Assistant Director/Engineer position from early May 2018 until July 9, 2018. There was a total of ten applications submitted, of which we felt five were qualified to interview. The first round of interviews was conducted in mid-July and consisted of a panel that included Julius Hansen, Rick Freeman, Jon Braga, Dave Goodalis, Laurie Frieders and myself. After a day of interviewing the panel agreed to three candidates to narrow the selection down to. The second round of interviews consisted of a facility tour, followed by a formal interview with just myself and Mark Franz. After the second round of interviews, although we had all good applicants, all involved in the interview process agreed that one candidate stood out above the rest, Thomas Romza. Some staff were previously aware of Thomas through work he had done with his previous employer for the Authority, and knew that he had great qualifications, and would fit in at the Authority.

Therefore, the Village of Glen Ellyn went through the process of offering Thomas Romza the position of Assistant Director/Engineer for the Glenbard Wastewater Authority. Thomas agreed to the offer and his first day is September 10.

Please refer to Thomas' bio that is attached to give you more insight to who he is and the experience he brings to the Authority.

Tom grew up in Illinois as a resident of Arlington Heights, until he moved to Milwaukee to attend Marquette University in 2006. Tom graduated from Marquette University in 2010 obtaining a bachelor's degree in Physics. Staying at Marquette for a fifth year, Tom pursued a bachelor's degree in Civil Engineering, looking to have more applicable job prospects in the field of engineering that he became passionate about during his junior year. In 2011, Tom earned his Bachelor of Science in Civil Engineering and began working as a Staff Engineer for RJN Group in Wheaton. During his first year at RJN Group, Tom assisted in field activities, leading crews in assorted Sanitary Sewer Evaluation Surveys. Over the next six years, Tom took on more responsibilities and became a Project Manager and the Flow Monitoring leader for the Wheaton office. Tom helped many treatment plants in the Midwest to understand the amount of flow entering the plant and formulate plans to decrease the impact that wet-weather has on the tributary systems.

Tom obtained his Professional Engineering license in the state of Illinois in 2016 and the state of Missouri in 2018. He is OSHA 10-Hour certified and was RJN's first person to be safety certified in the company's internal auditing safety program. Tom is proficient in the use of GIS, Microsoft Office applications, Hydraulic Modeling software, and has experience with AutoCAD. He is a member of APWA and WEF and is on the Member Highlight Committee of the former.

In his personal time, Tom is a passionate golfer. He also enjoys playing soccer in a recreation league, going to Blackhawks games as a season ticket holder, and watching Cubs/Bears games with friends. Being outdoors, at the family lake house near Iowa, is the ideal weekend for Tom. It doesn't get better than golfing in the morning, fishing during the day, and enjoying barbecues/bonfires with his wife and family at night.

SECTION 9.0

OTHER BUSINESS

SECTION 9.1

TECHNICAL ADVISORY COMMITTEE UPDATES



Glenbard Wastewater Authority

945 Bemis Road Glen Ellyn, Illinois 60137

Telephone: 630-790-1901 – Fax: 630-858-8119

GWA Technical Advisory Committee (TAC) Meeting Agenda

June 27, 2018 9:30 am

1. FIP Update

a. Change Order No. 4 Update

i. Cost Reductions

1. Filter Building Lighting Conduit (\$25.4k down to \$21.5k) - Revisions Continue

2. MCC Revisions Part B (\$53k down to ??)

Mr. Streicher informed the TAC that he is still negotiating the costs down for the remaining items in CO 04, which include the MCC revisions part B (initially \$53,507.73) and the Additional Lighting Conduit (initially \$21,203.13, but expected to be around \$18k). As these costs are revised Mr. Streicher will update the TAC

b. ERS Progress

Mr. Streicher informed the TAC that the sheeting contractor, Thatcher, has been drilling to inject grout along the anticipated sheet piling wall, and has installed the East sheet pile wall. The process they are using was described, and that once all of the sheet pile walls are installed another contractor (Geosolutions) would come in to install grouting under the existing raw pump station to prevent undermining during excavation. Once the sheet piling and jet grouting are all installed, the underground contractor will begin to excavate in the area in 10-12' increments, with reinforcing cross members being installed at each increment. Mr. Streicher informed the TAC that he has been in discussion with the General Contractor on how we are going to monitor the dewatering operations and amount of water pumped out/costs, since GWA is responsible for paying the initial \$100,000 in "additional dewatering." None of the dewatering would occur though until the hole is completely excavated, so Mr. Streicher is attempting to prepare this strategy beforehand. All members of the TAC were concerned that the groundwater table will be higher due to all the rain this season.

c. Credits Coming

i. ~\$4k for returned valve/actuator

ii. Bypass Channel Remaining in service

Mr. Streicher described two anticipated credits GWA will receive, which will both be lumped into the next change order that is brought to the EOC

d. 50% Overall Project Payment Issued. Withholding remaining until completed O&M Submittals
Mr. Streicher informed the TAC that per the contract, GWA has released up to 50% of the total payments to the General Contractor, since they now have completed all their major equipment submittals. Once they've completed their O&M submittals, the remaining payments due to the contractor will be paid out.

2. IEPA Annual Inspection 6/7/2018

Mr. Streicher informed the TAC that GWA had it's annual IEPA inspection on June 7, and all went well. All required documentation was provided to the inspector, and no concerns were raised. The TAC asked that Mr. Streicher inquire with IEPA about the Compliance Commitment Agreement submitted in regards to the Odor violation to make sure it was received and accepted by the IEPA.

3. Budget Work/Schedule

Mr. Streicher inquired as to the schedule that the TAC would like to see for the proposed CY2019 Budget. After discussion, it was determined GWA would have it's first draft of the budget ready for the TAC and Finance Directors of each Village to review for a meeting in late July. After that meeting, the TAC would

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forward the revised draft to the Village Managers for review/comment, and possibly a meeting. The goal is to have the EOC approve the budget in October or November, and a full Board approval in November.

4. DuPage County VVLS and CSO Requirements

- a. Riparian Area Restorations
- b. VVLS As-Built Conditions

Mr. Streicher informed the TAC that GWA has still not closed out permits with the DuPage County Stormwater/Wetlands Department in regards to projects at both the CSO and VVLS. Essentially riparian/wetland areas have not met county standards for native vegetation for several years. Due to the size of the area at CSO, GWA will be getting quotes from native landscaping companies, in an effort to resolve the issue altogether. VVLS is a smaller area, which GWA is going to attempt to handle in house. Mr. Streicher was able to meet with County staff at both locations in recent weeks, and the county was pleased to see GWA's initiative to resolve the permits, as they'd like to close out as well. GWA also is having Strand Associates finish a topographic survey at VVLS in order to close out the DuPage County Building Department Permit. Mr. Streicher expects the landscaping work to fall below the EOC approval amount, and the surveying work to fall below the \$1,000 mark. Directors Goldsmith and Hansen provided some names of native landscaping companies that they have had success with.

5. Other Business

- a. Red Zone Robotics Update

Mr. Streicher informed the TAC that Red Zone Robotics has begun their work, but is slightly behind schedule due to all the rain, however they will complete their work far ahead of the deadline per contract

- b. Facility Plan Update

Mr. Streicher informed the TAC that the Facility Plan is still in the information/data gathering phase.

- c. Electric Grid Update

Mr. Streicher informed the TAC that the Electrical project is still in the information/data gathering phase, but also that the Electrical staff will be participating in manufacturers visits on June 28. The TAC also brought up the HVAC project with Strand Associates while discussing this item to ensure that anything involving the HVAC project that would impact the Electrical project be taken into account. Due to the same firm working on both projects there was no concern.

- d. Sunnybrook Property Appraisal

Mr. Streicher informed the TAC that he has not heard back from the property appraiser in regards to the appraisal being performed for the property on Sunnybrook.

- e. Glen Oak Lift Station Flow Meter

Mr. Streicher informed the TAC that the Glen Oak Lift Station Flow Meter is operational as of early June, and that the next flow bill would deduct the flow from that meter from Lombard, and add it to Glen Ellyn's flow bill

- f. Renewable Energy Credits

Mr. Streicher informed the TAC that a previously approved contract with Blue Delta, who serves as a broker of GWA's REC's, is now searching for interested parties in Pennsylvania. This could possibly generate some revenue for GWA, as there were no interested parties in IL.

- g. E-Manifesting

Mr. Streicher informed the TAC that the USEPA will be imposing new "e-manifesting" rules for hazardous waste that is being received by facilities. Due to the IEPA requiring leachate haulers to provide manifests on hazardous waste forms, they will now fall into the new reporting requirements by USEPA. Mr. Streicher informed the TAC that this is merely a reporting issue, and how IEPA is requiring leachate be reported, but that IAWA is working on asking IEPA to change the way leachate is reported. If GWA is required to perform the e-manifesting, there will be significant extra work on our part, as well as a fee per manifest. The fee would be relayed onto the haulers, who for that reason, are advocates of getting the necessary changes to make this a moot point.

- h. Roof Replacements

GWA has retained a roofing consultant out of Lombard named Arcon who will be preparing bidding specifications and plans. As of now, the plan is to bid it out this fall, bring the low bid proposal to the TAC, and then the EOC for approval. More to follow



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i. NRI/SRI Inspections/Rehab

The Operations department has been walking the NRI and SRI routes to inspect the manholes. There were several defects noted on the SRI structures that will need to be addressed next year. Money will be inserted into the CY2019 budget to perform the necessary repairs.

j. CSO Public Hearing

Mr. Streicher held the annual CSO Public Hearing at the Village Hall the evening of June 7, 2019. No public came to attend. Director Goldsmith suggested that in future years, if allowed, GWA simply host the public meeting during the day at GWA since no public typically show anyways – rather than spend an evening for no reason.

k. CSO Telemetry Replacement

Mr. Streicher informed the TAC that he spoke to the Village of Glen Ellyn Finance Director in regards to purchasing the replacement equipment that was vandalized at the CSO plant. The Finance Director indicated that since this can not be classified as an emergency purchase, GWA must go through all the steps outlined in the purchasing policy.

l. IMRF Meeting

Mr. Streicher informed the TAC that based on his suggestion, GWA hosted an IMRF representative to update employees on their benefits. The presentation was very well received.

m. Vacant Positions

Mr. Streicher reminded the TAC that the application period for the Assistant Director/Engineer position closes on July 6, and at this time there were 6 applicants. After the period closes out, several applicants will be invited for interviews. Mr. Streicher asked if Director Goldsmith would like to participate, Director Goldsmith said that outside of his upcoming vacation, he would. The TAC was also informed that GWA's new Maintenance I employee was starting July 10, and that the probationary Maintenance III employee was let go due to performance related issues.

Not on agenda but discussed: GWA received a request from Alexander Chemical, the provider of sodium hypochlorite for the CSO plant, asking if they could raise the prices of the chemical due to increased costs they are seeing on their end. Mr. Streicher had GWA's legal counsel review the contract, and there was no mechanism stated in the contract allowing them to raise the price – so essentially it would be change order that would need to be approved by the EOC. GWA had the right to refuse the price increase, and if they stopped delivery, GWA could sue – but legal counsel advised that it would not be worth the other costs incurred. Director Goldsmith suggested that GWA contact other vendors, and if a lower price is found, simply go to the EOC and request the competitive bidding process and go with the lower price. GWA will pursue other options and consult with the TAC on where to go from there.

6. Old Business

a. Pretreatment Ordinance Status

Director Goldsmith asked that GWA inquire with USEPA to see when this review may be complete.

b. Forest Preserve County of DuPage Easement Leases

Director Hansen stated that the Village of Glen Ellyn needs to send the survey information to the Forest Preserve

c. Phone System

No Update – this will be brought to the EOC in the fall

d. Discussion pertaining to future development of IGA Language for

GWA Interceptor vs Village's Collection Systems start and stop points.

i. VGE – Chidester vs St. Charles Rd. Lift Station

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- ii. VOL – L22 vs Junction Chamber
- iii. CSO Regulators and lines between the regulators to the facility
- iv. Any others that can be added

No update on any of the above items.



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GWA Technical Advisory Committee (TAC) Meeting Minutes

July 26, 2018 9:30 am

Present: Carl Goldsmith, Village of Lombard Public Works Director
Tim Sexton, Village of Lombard Finance Director
Matt Streicher, Glenbard Wastewater Authority Executive Director

1. CY2019 Budget Review

a. List of changes to be provided at meeting

We went over the first draft of the budget, explained/justified any numbers that increased, or that we don't normally spend the full budgeted amount. We did make just a couple of small reductions in the O&M budget. Also, I had updated the personnel expenses, due to the Executive Director recently receiving a raise, an Operator who recently received a higher IEPA Certification that will make him eligible for a higher wage.

Some items that were not changed in the budget but discussed at today's meeting were more policy related in nature (Tim has already emailed Christina on these items):

- *Consider adjusting where the Assistant Director/Engineer's salary comes from. Currently 80% is capital, and 20% O&M, however since this position will have administrative duties and will essentially be trained to be redundant to the Director, we felt it may be more appropriate to shift the salary to come more out of the O&M. We could lower it to 50/50, 70/30, or all out of O&M – this is a policy related decision that will need to be made by the Village Managers/EOC. It is Matt's personal opinion that all of it should come out of O&M, as this individual is a member of the GWA staff, and although the position will help defer some capital costs – the individual is not a capital cost. The decision will be left up to others though.*
- *We can consider lowering the percent increase in the capital contributions from each Village, which would help offset the overall member contributions if we re-arrange the Assistant Directors position. The excel budget has been reformatted so that we can easily adjust the percent increases and it will automatically adjust the capital budget and show the effects.*
- *As Christina also mentioned in her comments, we should re-evaluate the whole concept of the scheduled versus actual P&I payments for the FIP, as well as the operating surpluses from CY15 and CY16 (since those are also hidden since they were set aside to pay down the FIP quicker). Tim had some good ideas on how this could be done that we can discuss further. This would also be a policy decision to be made by the Village Managers/EOC, since the EOC had passed the policy to begin with.*

Following pages include documents shared at the TAC meeting.

NO OTHER ITEMS ON THE AGENDA WERE DISCUSSED AT THE MEETING

2. FIP Update

a. Change Order No. 4 Update

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- i. Cost Reductions
 - 1. Filter Building Lighting Conduit (\$25.4k down to \$21.5k) – Revisions Continue
 - 2. MCC Revisions Part B (\$53k down to ??)
 - b. ERS Progress
 - c. Credits Coming
 - i. ~\$4k for returned valve/actuator
 - ii. Bypass Channel Remaining in service
 - d. 50% Overall Project Payment Issued. Withholding remaining until completed O&M Submittals
 - 3. Other Business
 - a. Complaints; noise, odor, trucks
 - b. Pending Sludge Trailer Scale Purchase
 - c. Red Zone Robotics Update
 - d. Hypochlorite Pricing Change Request Status
 - e. Facility Plan Update
 - f. Electric Grid Update
 - g. Sunnybrook Property Appraisal
 - h. E-Manifesting
 - i. Roof Replacements
 - j. Vacant Positions
 - i. Payment Structures
 - 4. Old Business
 - a. Pretreatment Ordinance Status/Village of Glen Ellyn FOG
 - b. CHP Status
 - c. Forest Preserve County of DuPage Easement Leases
 - d. Phone System
 - e. Discussion pertaining to future development of IGA Language for GWA Interceptor vs Village's Collection Systems start and stop points.
 - i. VGE – Chidester vs St. Charles Rd. Lift Station
 - ii. VOL – L22 vs Junction Chamber
 - iii. CSO Regulators and lines between the regulators to the facility
 - iv. Any others that can be added

MINUTES CONTINUE: BELOW IS INFORMATION FROM DOCUMENTS SHARED A THE MEETING

CDC Comments/Questions on the GWA Budget

Fund 27 – Operations Fund

1. *Interest Income in the O&M Fund can probably be moved closer to \$12,000. This could then reduce the member contributions. Updated*
2. *Either provide the MUNIS sheets or add a % change column to the excel sheets, depending on what you plan to hand out to the EOC. Column is already in Excel spreadsheet but is hidden – I will find out how to add it into a MUNIS report*
3. *IMRF rate is 7.15% for 2019 (PY was 9.89%), so that can be reduced in both funds. Updated*
4. *Fund 270, are the projected numbers updated in the Div 270 Expenses tab? They are different than what is in MUNIS. There were some numbers updated in MUNIS from the spreadsheet I had sent to Christina. Those have all been updated in the excel spreadsheet as well. There is only one price missing in the Excel Spreadsheet (in 270-520981), and I have entered an estimated \$5,000 in that item in MUNIS, so there should be just a \$5,000 discrepancy.*
5. *Minor MUNIS comment – the revenues should be entered as negatives, otherwise the system doesn't add correctly. Lori's instructions indicated NOT to enter them as negatives. When I*



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enter them as negatives, they do not come out negative, instead I've been entering them normally and it appears MUNIS recognizes revenues as negative

6. Overall, I think a good discussion on the changes in utility costs given the changes in operations. There is quite a variation in 2018 budget versus projection versus 2019 budget. It would be helpful to understand the thought behind what we are budgeting for 2019. Same question for Chemicals. *I've updated costs to reflect actual usages. For chemicals, we've seen a recent price increase that could affect us, and we've added a couple of new chemical systems. Can be explained further in discussion*
7. How are we doing on our purchase of liquid oxygen since closing down that part of our operations? Is it what we expected, different? *In the original calculations, our "best case scenario" for year 2 (2018) was \$308,268, and "worst case scenario" for year 2 was \$379,624. We are currently trending towards finishing the year at \$362,013 – however we are continuing to "tweak" the process. We started being fairly conservative after last years digester upset, so tweaks slowed down, but I've been encouraging staff to ramp up the efforts again. Some delivery charges have increased as well. This is still better than the estimated year 2 costs under the previous operating conditions, which was \$424,513*
8. Health insurance should be \$213,100 for 2019. *Updated*
9. I'm having trouble tying out the partner's contribution/and various tabs. In the CY19 Summary by division, Total expenses in cell G18 is \$4,443,066. What is in the Div 270 Expenses tab in cell H58 is \$4,245,816. When I look up total expenses in 270 in MUNIS it is \$4,269,266. It looks like there may be some numbers updated in MUNIS, but not in the spreadsheet? *I've updated the numbers in both the excel spreadsheet and MUNIS – they should match up now with the exception of the previously noted \$5,000 discrepancy.*

Fund 40 – From the Capital Plan worksheet

1. Small potatoes, but we can probably move interest income up to 15K -20K in the capital plan (and the budget). *Updated it to \$15,000*
2. How did you get to the cash on hand as of 1/1/18? Actual cash on hand as of 12/31/17 was \$4,130,035. I want to make sure we aren't overstating cash for any IEPA payments we received but hadn't paid out. We were holding some large Boller invoices at the end of the year. But then this also ties in how you factored out the payments in the FIP expenses in the 10 year plan. Probably best for us to sit down and make sure we aren't double counting something. *I used the actual number of \$4,130,035 but subtracted out the overpayments from 2015 and 2016 as was directed by the EOC*
3. Change IMRF % to 7.15%. *Updated*

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4. Let's talk through the whole concept of the scheduled versus actual P&I payments for the FIP. I think given the change orders for the project and that is going to cost more, we should move away from this. I think we are overcomplicating the issue. The purpose was to save the funds to pay down the loan sooner. We can discuss with Tim, Mark, and Scott. *I will wait on further direction on this item, and am open to however EOC/Finance wants to approach it*
5. Fund 40 Cap Plan – Check your formulas at the bottom – row 108, starting in column E through column J. I think you are missing some cells. *Corrected the formulas in the Excel spreadsheet*

Matts Notes on Changes Made

Capital

- Added in expected revenue from participation in the demand load response program over the next 6 years; CY2018 = \$36k, CY2019 = \$25k, CY2020 = \$26k, CY2021 = \$26k, CY2022 = \$27k, CY2023 = \$27k.
- Increased revenue from FOG/HSW Tipping fees up to \$75k from \$50k starting in CY2020
- Increased Engineer/Assistant Director salary to represent new salary.
- Updated CY2018 costs to reflect actual costs/revenue
- Added items in Small Capital for Berm Clearing/Landscaping at Hinds Property (940 Bemis) and Landscaping cleanup around the property line @ \$7k each.

O&M

- 270-520620; Added in Assistant Director Training
- 270-510100-510500; Updated Salaries to reflect CY2019, increased Part Time Operations to \$60k to accurately reflect usage, decreased Part Time Labor to accurately reflect usage, and account for any interns
- Upped Liquid Oxygen from \$325k to \$345k based on actual usage
- Upped Natural Gas from \$45k to \$60k based on actual usage
- Increased Water from \$20k to \$40k to more accurately represent actual usage
- Added \$200 for grit deodorizer nozzle replacements
- Salaries increased due to filling of vacancies
- Lowered Sludge Disposal Costs from \$220k to \$195k based of new contract amount bid in CY18
- Left Electric the same – too early to tell the impacts that CHP will make
- Increased Water from \$20k to \$40k to more accurately represent actual usage
- Lowered Employee Training Budget \$4k to reflect less out of state travel this year (WEFTEC in NO)
- Increased DRSCW Dues \$2.6k to reflect CY19 dues
- Increased Professional Services Lab Budget \$3.5k to reflect Bio-Monitoring Services that will need to be done per our NPDES requirements
- Removed Aerial Photography \$1k
- No longer a safety rewards so removed Celebrating Success \$1k
- Added \$500 for office decorations (frames)
- No longer safety rewards so removed Safety Suggestion Awards \$2,500
- Possible 20,000 hour service on CHP's if ran all year (\$~200,000), but did not add, if we actually run them that much the extra electricity generated should offset the costs.
- 270 – 521055; increased \$2k to reflect actual usage
- 270-530440; increased \$10k to account for new hypo system for non-potable water
- Lowered external consulting fees from \$30k to \$20 based on historical usage, and that we'll have another engineer on board.



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- *lpass was in two different accounts; removed it from "administrative purchases" and put it in "travel." Lowered amount to better represent average usage*
- *Increased Maintenance Contractual to reflect cost of fleet services from Glen Ellyn*
- *Doubled Professional services – other support based off how it used, instead of taking out of salaries.*
- *Chemicals increased due to increase in costs, and chemicals present at facility*



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GWA Technical Advisory Committee (TAC) Meeting Minutes

August 23, 2018 10:30 am

Present: Mark Franz, Village Manager, Village of Glen Ellyn
Christina Coyle, Village of Glen Ellyn Finance Director
Carl Goldsmith, Village of Lombard Public Works Director
Tim Sexton, Village of Lombard Finance Director
Matt Streicher, Glenbard Wastewater Authority Executive Director

1. CY2019 Budget Review

- a. List of changes to be provided at meeting
- b. What to present at EOC meeting?
 - Merit adjustments are now at 2.25%, corrected from any previous versions of 2% or 2.5%
 - The Environmental Resources Coordinator position (Laurie Frieders) has been left at full time
 - Assistant Director/Engineer salary is 100% in O&M
 - The Biosolids dewatering capital project borrowing/debt services have been removed
 - All FIP overpayments/operating surpluses are no longer subtracted out
 - I am leaving the bio-P project in for the year it was originally scheduled for. After discussion with the Director of the Downers Grove Sanitary District, who has been a key player in getting the 10-year variance on our IEPA permits for phosphorus, part of the variance was that they expect us to be meeting the phosphorus limit 10 years from the effective date of the permit that was most recently issued, which was September 2015. Therefore, we would have to be compliant by Sept 2025 (or Sept 2016 if we do bio-P), so that this point this is what we have to plan towards. The workgroup is currently developing a negotiating strategy to extend the deadline another 5 years and get it reflected in the 2020 permit renewal. After our next permit is issued in 2020, we will know if we can get that date moved back, if the limit will change, or if nutrient trading will be allowed/we'll be able to trade with anybody. Long story short, it's advisable to leave it in as is.
 - It was decided that to only print out the Partners Contribution page, expenses pages from each budget section, and the capital budget for the EOC meeting. If any EOC members would like to see greater detail, they can contact Matt head of time, or ask at the EOC meeting – the full version of the budget will be available to them.

2. FIP Update

- a. Change Order No. 4 Update
 - i. Cost Reductions
 1. Filter Building Lighting Conduit; \$25.4k down to a final of \$15,204.56)
 2. MCC Revisions Part B (\$53k down to ??)
Mr. Streicher informed the group that we are still waiting on one additional cost in order to finalize Change Order 4, but that he expects the final cost to come in around \$225k. The group asked if it's possible there will be more change order, to which Mr. Streicher replied that there is a strong possibility. GWA will continue to make efforts to cut costs where possible.
- b. ERS Progress
 - i. Changer order Number 5
 1. ~\$17k extra for sheeting installation
 - a. Physical object hit that caused time and material

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- b. Documentation provided; GWA staff witnessed
 - 2. Credits Coming
 - a. ~\$4k for returned valve/actuator
 - b. ~\$6.4k for Bypass Channel Remaining in service (possibly more)
 - c. 50% Overall Project Payment Issued. Withholding remaining until completed O&M Submittals
Mr. Streicher emphasized that the \$17k additional cost requested was from a physical object hit, and not a "theoretical" condition that was debated earlier on in the project, therefore it was not really negotiable. The group asked what was hit, to which Mr. Streicher replied that it was an old structure from a previous iteration of the treatment plant.
- 3. Other Business
 - a. Complaints; odor, trucks
Mr. Streicher informed the group that there were numerous odor complaints towards the end of July, and although we are still experiencing some odors due to the seasonal conditions, complaints have subsided recently. Mr. Streicher also informed the group that GWA had received a couple complaints about late night/early morning truck traffic. Although there is no law forbidding the traveling of trucks to/from the plant at any time of day/night, in an attempt to be a friendly neighbor, Mr. Streicher set new rules no longer allowing deliveries to occur during sleeping hours.
 - b. Sunnybrook Property Appraisal
Mr. Streicher informed the group of the property in question, and that he had spoken to the owner. Mr. Franz suggested this discussion be put on the closed session for the September 13 EOC meeting.
 - c. Roof Replacements
Mr. Streicher informed the group that we would be going out to bid for roof replacements the week following this meeting, and that it would be on the September EOC agenda for approval.
 - d. Declaration of Surplus Equipment
 - i. Power Washer
 - ii. Trailer Mounted Trash Pump
Mr. Streicher asked if this needed to go to the EOC for approval. The group estimated the total value of these items to be less than \$20k, therefore Mr. Franz said to move forward declaring them surplus, and there was no need for EOC approval. Mr. Franz stated that if we do end up getting more than \$20k for either of the items, we can go back to the EOC retroactively.
 - e. Personnel
 - i. Frieders Retirement
Mr. Streicher had informed the group previously via email that Environmental Resources Coordinator Frieders had announced her retirement at the end of 2018. She proposed staying on part-time in order to perform the FOG enforcement portion of her job. At the time of her retirement, the pre-treatment aspects of her position will be transferred to the Laboratory Services Coordinator. The group instructed Mr. Streicher to still budget for the position being full time in-case extra assistance is needed, or if Laurie decided not to stay on part-time, we know it would be more difficult to find a FOG inspector – but perhaps more feasible to find a full-time pretreatment coordinator who could also serve the role of FOG enforcement
 - ii. Part-Time Laborer
Mr. Streicher informed the group that we have only received one application for the Part-Time Laborer position. The group stated that this could be a tough position to fill, as there aren't many candidates for this type of work, and that we may need to evaluate contracting out for the "laborer" type of services.
 - iii. Assistant Director Start Date
Mr. Streicher informed the group that the new Assistant Director will be starting September 10.
 - f. Cell Tower Proposal
Mr. Streicher informed the group that TowerCo has approached the Authority in regards to adding another carrier to the existing cell tower on site, which would increase the Authority's revenue. GWA has preliminarily approved the preliminary plans, which will now go to the Village of Glen Ellyn for review, along with the amendment to the agreement.



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g. Glen Ellyn BBQ Volunteerism

Mr. Streicher informed Mr. Franz that GWA will have some pieces of property at the September 8 BBQ competition in downtown Glen Ellyn, which will only be a tote for cooking oil collection, and a 55 gallon drum for ash collection. Mr. Streicher will also be volunteering at the event.

4. Old Business

- a. Pretreatment Ordinance Status/Village of Glen Ellyn FOG
- b. CHP Status
- c. Forest Preserve County of DuPage Easement Leases
- d. Phone System
- e. Discussion pertaining to future development of IGA Language for GWA Interceptor vs Village's Collection Systems start and stop points.
 - i. VGE – Chidester vs St. Charles Rd. Lift Station
 - ii. VOL – L22 vs Junction Chamber
 - iii. CSO Regulators and lines between the regulators to the facility
 - iv. Any others that can be added

No Old Business was discussed.

SECITON 9.2

PENDING AGENDA ITEMS



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2018 Pending EOC Agenda Items

Projects	Budget	Date	Status
Capital Improvement Projects			
Electrical Service Distribution System Design Engineering	\$250,000	March	UNDERWAY
Facility Plan/Odor Control Study	\$150,000	April	UNDERWAY
Roof Rehabilitation	\$75,000	September	PROPOSED
Infrastructure Improvement			
Telephone System Replacement	\$40,000	October	
UV Building AHU Replacement	\$40,000	April (Under \$20,000, No EOC Approval Needed)	COMPLETED
SCADA & LAN Server, Firewall Replacement	\$80,000	June	COMPLETED
Plant Fiber Testing & Repairs	\$30,000	On Hold	
HSW Improvements Modifications	\$25,000	TBD	
Equipment Rehabilitation			
Admin. Chiller, Coil, Air Handler, & Duct Design	\$75,000	June	UNDERWAY
Digester Cleaning	\$65,000	March	COMPLETED
CHP Siloxane and Hydrogen Sulfide Media Replacement	\$75,000	August	COMPLETED
Moyno Pumps (10) Spare Parts	\$25,000	As Needed	UNDERWAY
Televising & Cleaning NRI & SRI	\$100,000	June	UNDERWAY

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Gravity Thickener Bridge & Mechanism Painting	\$40,000	On Hold	
CSO Grit Chamber Rehabilitation	\$30,000	August-October (Under \$20,000, No EOC Approval Needed)	UNDERWAY
SRI Pump Station Concrete Lining	\$50,000	On Hold	
Rolling Stock			
*Godwin 4" Trailer Mounted Pump	\$24,000	June	COMPLETED
Administrative			
Forest Preserve Land Swap & Surveying Costs	\$150,000	March	COMPLETED
Pretreatment Ordinance Recommendation	-----	July	Under USEPA Review

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SECITON 9.3

ANNUAL GWA FULL BOARD MEETING



Glenbard Wastewater Authority

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GWA Annual Full Board Meeting

Thursday, November 15, 2018

Village of Lombard

Tentative Start time 6:00 p.m.

SECTION 10.0

NEXT EOC MEETING

THURSDAY

OCTOBER 11, 2018

AT 8:00 A.M.