

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

June 10, 2021

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 part of the months of March 2021 \$1,451,623.91, April 2021 \$409,165.56, and May 2021 \$1,167,597.36 (Trustee Christiansen).

- 5.1 Executive Oversight Committee Meeting Minutes
March 11, 2021 EOC Meeting
- 5.2 Vouchers Previously Reviewed by:
March, April, and May 2021 – Trustee Christiansen
- 5.3 Declaration of Surplus Equipment and Authorization for Sale

At the March 11, 2021 Executive Oversight Committee meeting, the EOC approved the purchase of a new forklift, therefore, the Authority no longer had a use for its oldest forklift and with the same request for the new purchase, a request to declare it's oldest forklift as surplus for the purposes of public auction. EOC members raised concern that the method of requesting approval to declare obsolete equipment as surplus for the purposes of public auction did not fulfill the Authorities legal requirements under municipal law.

Following the March EOC meeting, the Authority inquired further with its legal representation. Since all Authority equipment is titled to the Authority itself, and not the Village of Glen Ellyn, a different method was needed rather than what is used for Village owned equipment. The Authorities legal representation recommended passing an ordinance or resolution to officially declare the equipment as surplus for the purposes of public auction. Since the Authority

equipment as surplus for the purposes of public auction. Since the Authority cannot legally pass ordinances, the Authority's attorney drafted a resolution for the EOC to approve.

Enclosed with this memo is the formal resolution for approval. The Authority respectfully requests that the EOC motion to approve Resolution No. 2021-001, a resolution authorizing the sale of equipment – Forklift Unit 612.

5.4 Approval to purchase CHP Media

Prior to digester gas being used in the CHP's, the gas needs to be "scrubbed" in order to remove siloxanes and hydrogen sulfide, in order to help preserve the life of the engines. Although the life of the media is tracked, due to varying usage and gas conditions, it is difficult to exactly predict when the media will be reaching its useful life. Since there is little expiration notice, and the media has a long shelf life, we prefer to have the media onsite and available to keep the down time of the engines to a minimum. Therefore, staff obtained pricing ahead of schedule so that the purchase can be made, and available for use when needed.

In the 2021 GWA budget, staff allocated \$50,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. Therefore, *we motion the EOC to authorize approval to purchase CHP media from Unison Solutions in the amount of \$22,266.00*

6. Authorize GWA to Enter into 3-year Agreement with USP for Odor Control Solutions

In 2020 GWA began piloting a hydrogen peroxide dosing system to use towards effectively addressing odors. After seeing several years of increased odor complaints from neighbors, while using the system, a record low number of complaints since 2016 came in. Therefore, staff desires to continue using the system, hoping to achieve continued success.

Therefore, due to the professional nature of the services and the lack of other vendors, GWA, with the approval from the TAC, is respectfully requesting to waive the competitive bidding process per the purchasing policy C.1.a *Professional Services* and C.1.e. *Single Source Purchases* and is requesting EOC approval of the USP Technologies proposal of 3-year contract, not-to-exceed amount of \$136,920, at \$4.66 per gallon of peroxide used. This will come out of the budget 270-530440 Chemicals Fund and will be budgeted appropriately for in future years.

7. Authorize GWA to Approve Computerized Maintenance Management System (CMMS) Upgrade

In August of 2002, the EOC approved the purchase of *Maximo*, a computerized maintenance management system (CMMS). This software identified, categorized and named all the Authority's assets. While not only organizing assets, Maximo provided a

platform for work to be conducted and recorded. Work orders would now drive day to day maintenance. Preventative maintenance (PM) increased equipment reliability and performance while corrective maintenance (CM) is used as a tracking method and a tool in budget planning for future maintenance work.

Fast forward to 2021, GWA has gone through multiple Maximo software updates, changing the look, but not the core capabilities. Over the 19-year span use of the software, these capabilities have become outdated, and now can be seen as limiting staff productivity and efficiency compared to what could be with newer platforms. Through collaboration between departments and investigation, GWA staff identified an upgrade to be necessary to better utilize resources, and formed a selection committee to pursue the selection of a new CMMS based on a professional services approach.

After conducting a survey of CMMS systems used by other wastewater treatment facilities and receiving over 20 responses, staff narrowed the list down to the two systems that fit the Authority's needs the best. Proposals were then requested, with the results below.

CMMS Software	Annual Subscription	Data Migration Fee	Total for 2021
Maximo	7-concurrent users \$47,900	\$73,000	\$120,900
MVP Plant	3-concurrent/10-mobile \$18,000	\$11,165	\$47,065*

*includes training and travel costs

The GWA selection committee recommends the EOC authorize the Authority to approve the purchase of ***MVP Plant*** and associated professional services from CMMS Data Group of Chicago, IL in the amount of \$47,065.00 as part of Phase III of the Computerized Maintenance Management System Upgrade Project with the amount expensed to Capital budget account number 40-580120. The TAC is an agreement with this recommendation based on a professional services approach.

8. Discussion

8.1 Capital Improvement Projects Update

8.2 Electricity Procurement Update

After being approved to seek procurement of a new electric supply contract at the March 11, 2021 EOC meeting, on April 15, 2021 the Authority locked in a new fixed rate of \$0.03958/kWh for four years beginning in February 2022 with Direct Energy. The new rate will yield a savings over the existing \$0.04436/kWh rate that has been in place since February 2018, which is also with Direct Energy.

8.3 Flow Split Memo

The enclosed memo describes revelations and research done on the existing flow split equation and monitoring. The Authority and TAC plan to relocate the Hill Avenue meter, begin including CSO flow into flow split equation, and not provide

any retroactive adjustments moving forward. This has been discussed with the Finance Directors and all agree on moving forward providing the EOC has no opposition.

8.4 Property Acquisition Discussion

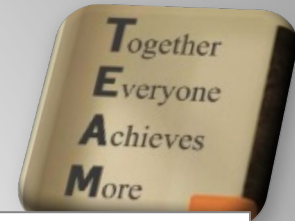
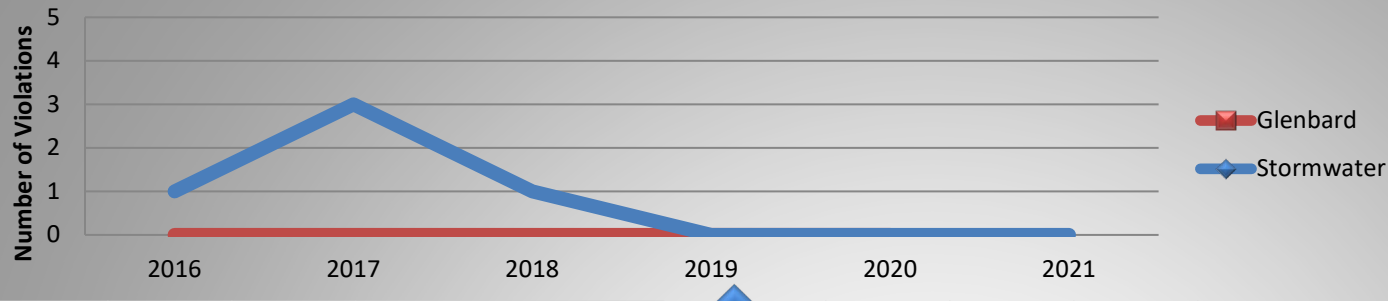
The property owner of 21W534 Bemis Road in Glen Ellyn approached the Authority to gauge its interest in purchasing the property. This subject was discussed at the most recent TAC meeting, with the recommendation being given to seek guidance from the EOC prior to moving forward with any further steps.

9. Other Business

9.1 Technical Advisory Committee Updates

- 10 ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, July 8, 2021 at 8:00 a.m. location TBD.***

NPDES Permit Violations



Glenbard Plant: *Current Record

3038 Days February 4, 2013 through May 31, 2021

Previous excursion free operating record:

1058 Days September 8, 2007 – April 10, 2010

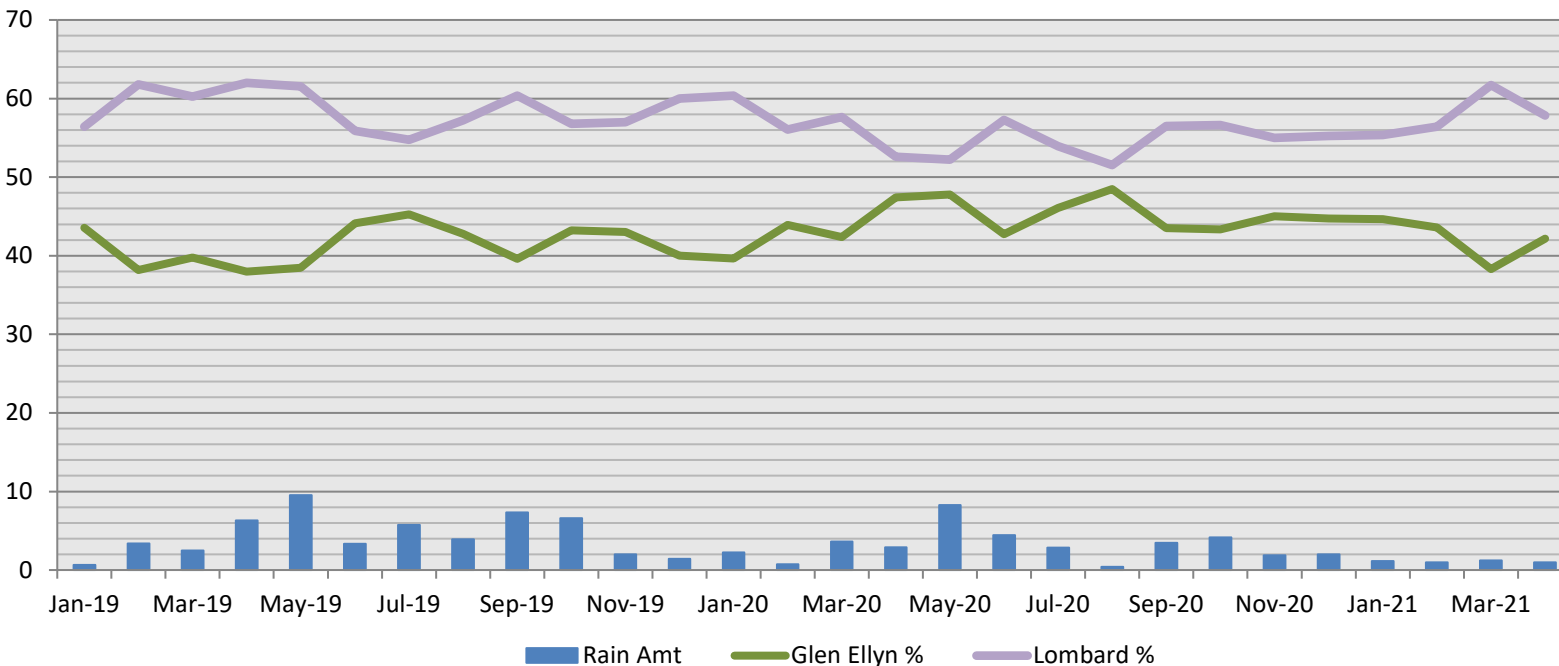
Stormwater Facility:

1142 Days April 15, 2018 through May 31, 2021

Current excursion free operating record:

1140 Days July 11, 2009 through August 27, 2012

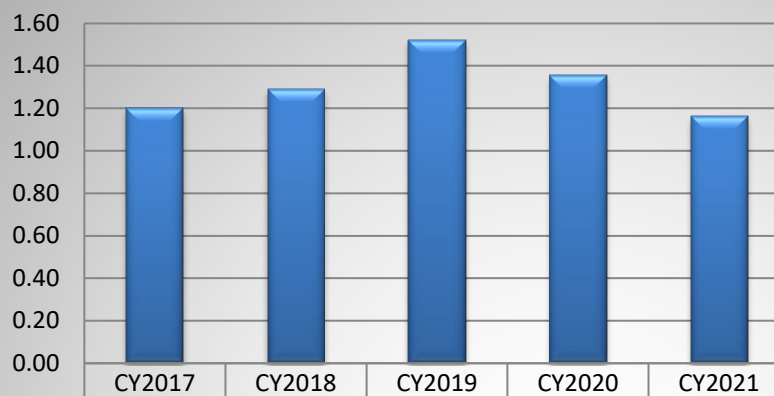
Flow Billing Comparison



Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21
43.5669	38.1926	39.7689	37.9926	38.464	44.1141	45.2611	42.76693	39.6144	43.22	43.01282	40.0011	39.6412	43.931	42.3567	47.418	47.7942	42.7287	46.0736	48.4668	43.5073	43.3642	45.0223	44.7414	44.6336	43.579	38.2972	42.152
56.4331	61.8074	60.2311	62.0074	61.535	55.8859	54.7389	57.23307	60.3856	56.7761	56.98718	59.9989	60.3588	56.069	57.6433	52.582	52.2058	57.2713	53.9264	51.5332	56.4927	56.6358	54.9777	55.2586	55.3664	56.421	61.7028	57.848
0.66	3.385	2.48	6.33	9.545	3.355	5.74	3.905	7.345	6.59	2.01	1.45	2.24	0.76	3.615	2.91	8.265	4.44	2.84	0.4	3.46	4.15	1.88	2.02	1.14	0.985	1.242	0.985

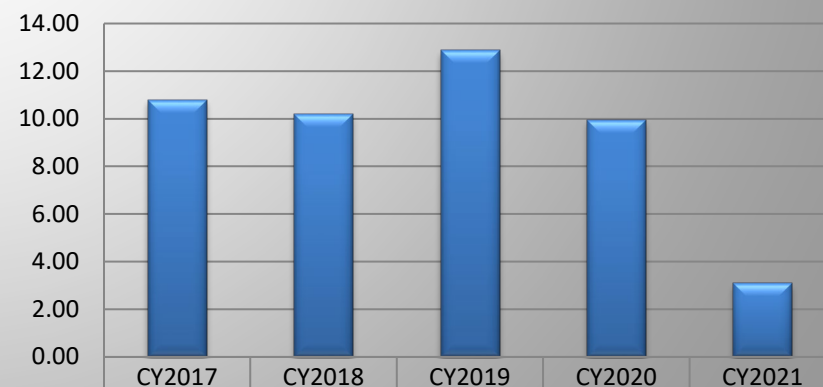


Billion Gallons Treated Per Year as of April 30, 2021



■ Billion Gallons Treated Per Year as of April 30, 2021

Total Rainfall in Inches as of April 30, 2021

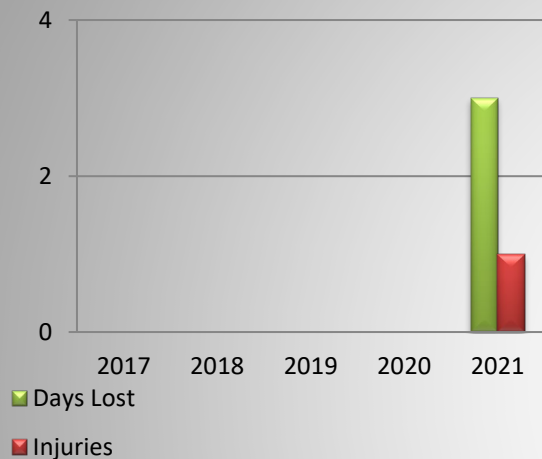


■ Total Rainfall in Inches as of April 30, 2021



The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

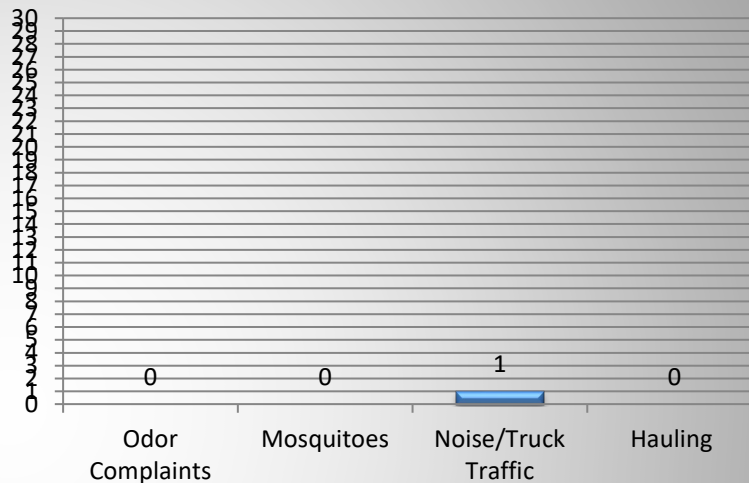
Injuries + Lost Time



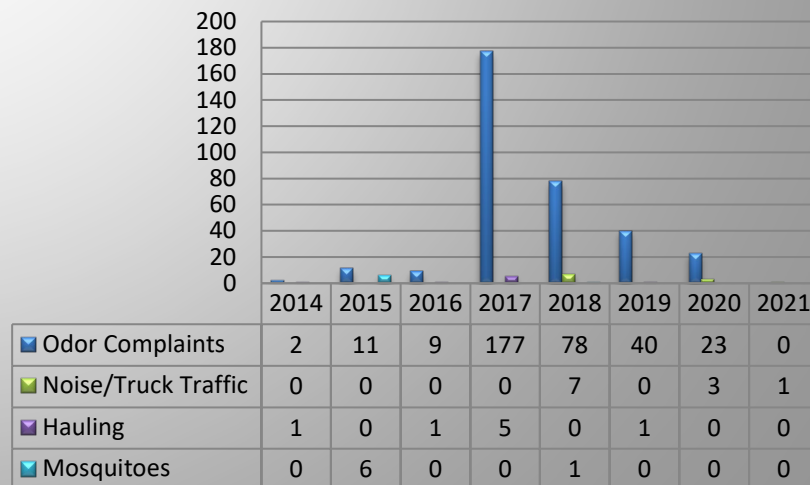
Year	2017	2018	2019	2020	2021
Injuries	0	0	0	0	1
Days Lost	0	0	0	0	3

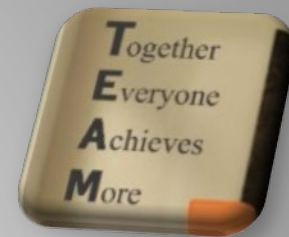


April 2021 Complaints

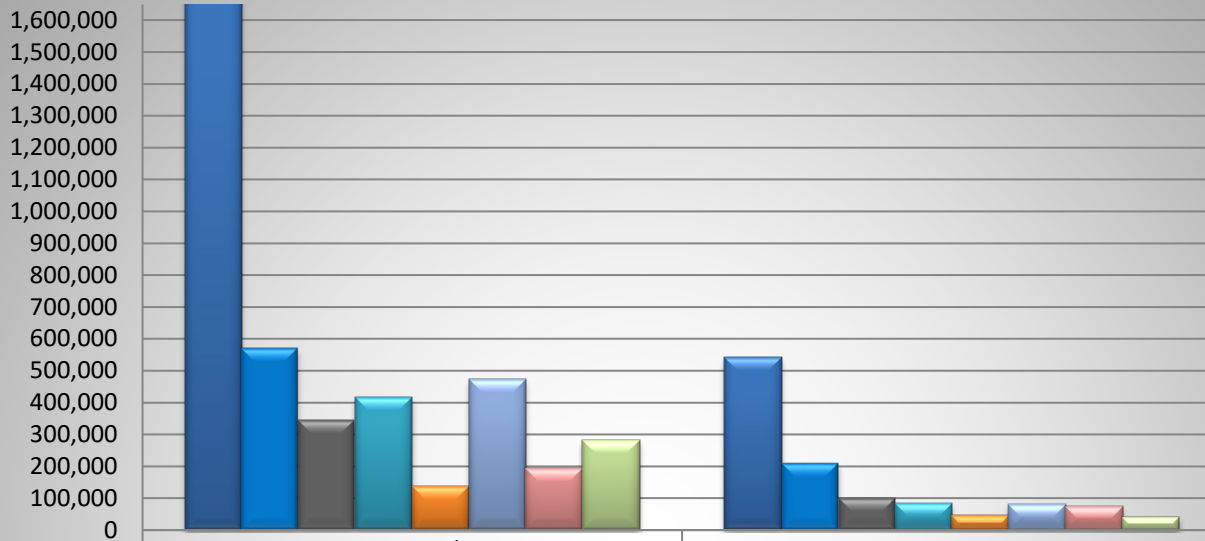


Annual Complaint Comparison





April 2021 O&M Expense \$ Reporting

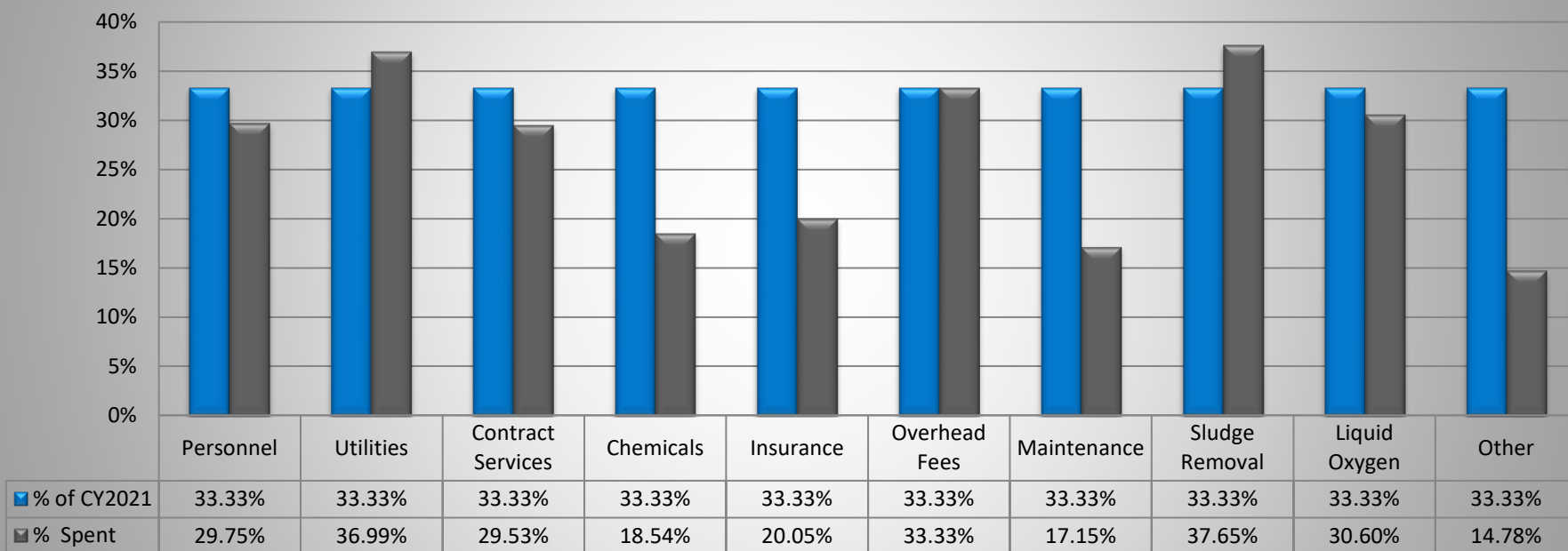


	CY2021 Budget	Spent Year to Date
Personnel	\$1,827,670	\$543,688
Utilities	\$570,500	\$211,007
Contract Services	\$344,198	\$101,633
Insurance	\$418,000	\$83,789
Overhead Fees	\$137,316	\$45,772
Maintenance	\$474,306	\$81,327
Sludge Removal	\$195,000	\$73,416
Other	\$282,690	\$41,776

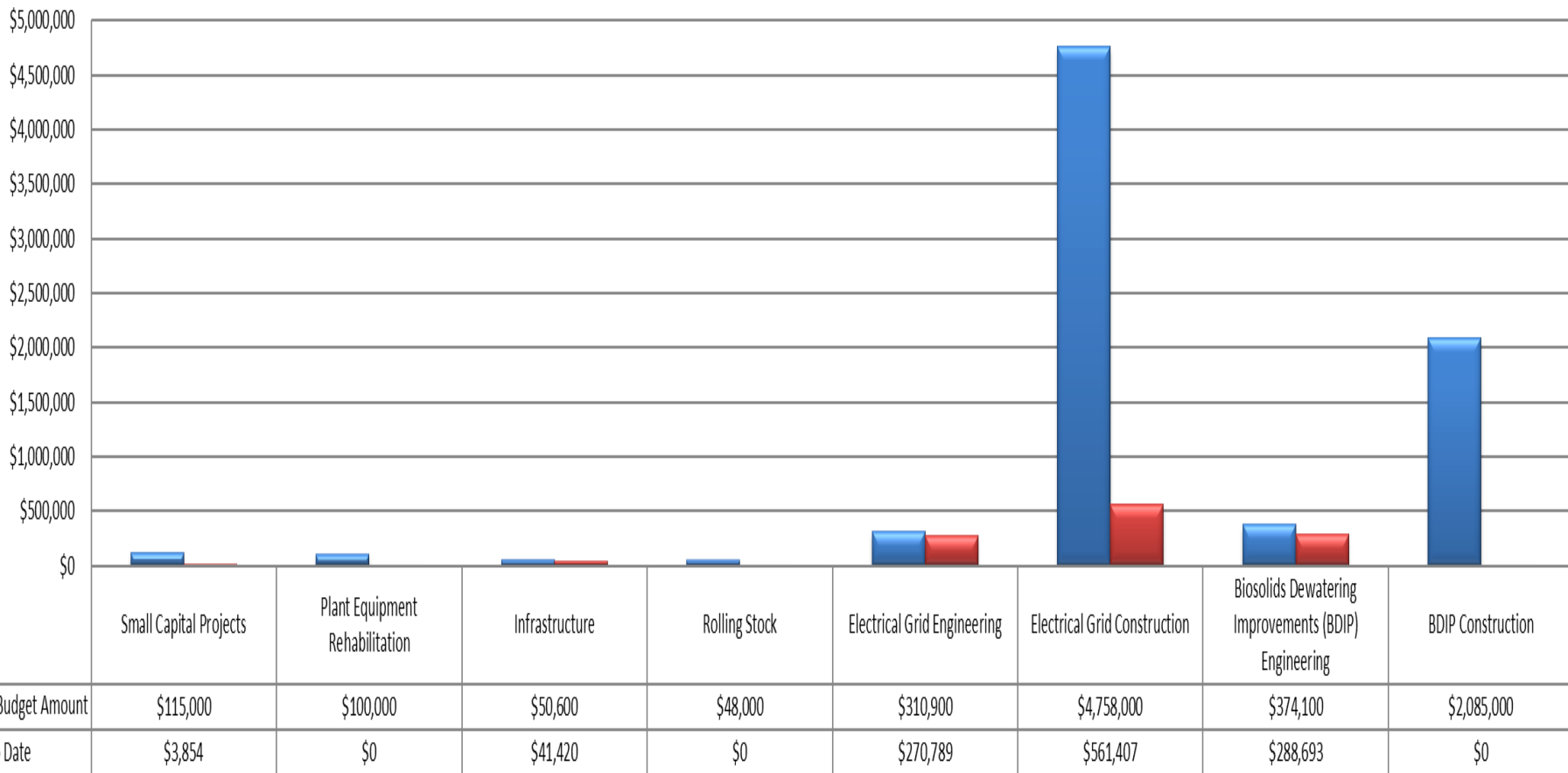
	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
CY2021 Budget	\$1,827,670	\$570,500	\$344,198	\$140,000	\$418,000	\$137,316	\$474,306	\$195,000	\$315,000	\$282,690
Spent Year to Date	\$543,688	\$211,007	\$101,633	\$25,956	\$83,789	\$45,772	\$81,327	\$73,416	\$96,386	\$41,776
% of CY2021	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%
% Spent	29.75%	36.99%	29.53%	18.54%	20.05%	33.33%	17.15%	37.65%	30.60%	14.78%



April 2021 O&M Expense % Reporting



April 2021 Project Updates





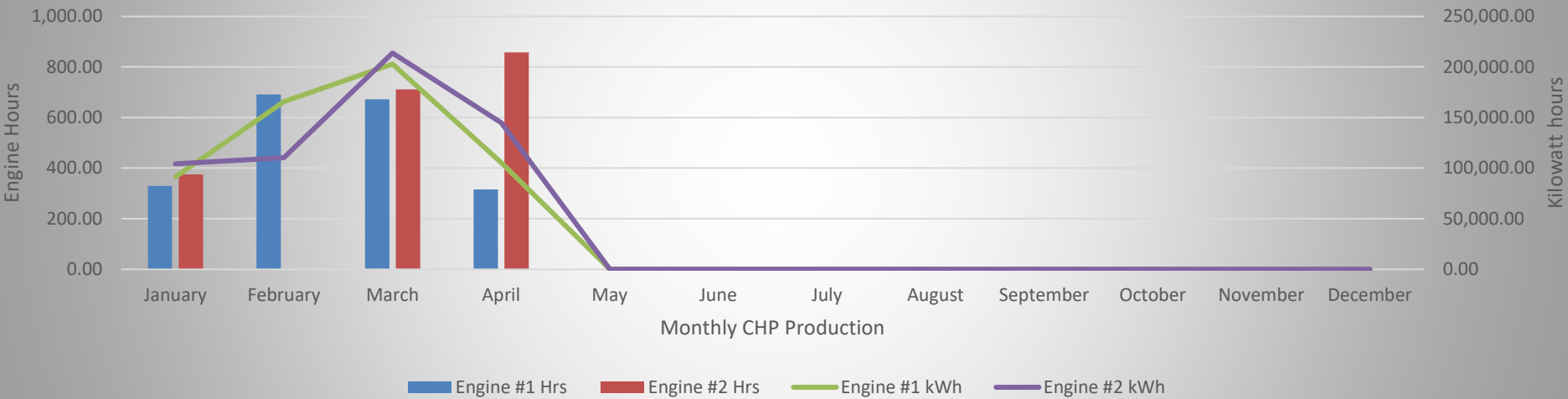
CY2021 Capital Projects

Description	Project Budget Amount	Spent to Date	January Updates
Small Capital Projects	\$115,000	\$3,854	Through May 11, 2021
Plant Equipment Rehabilitation	\$100,000	\$0	Through May 11, 2021
Infrastructure	\$50,600	\$41,420	Through May 11, 2021
Rolling Stock	\$48,000	\$0	Through May 11, 2021
Electrical Grid Engineering	\$310,900	\$270,789	Through May 11, 2021
Electrical Grid Construction	\$4,758,000	\$561,407	Through May 11, 2021
Biosolids Dewatering Improvements (BDIP) Engineering	\$374,100	\$288,693	Through May 11, 2021
BDIP Construction	\$2,085,000	\$0	Through May 11, 2021



Combined Heat & Power Production Report

Road to Net Zero



Monthly CHP Production 2021 = \$0.08/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	329.60	744	375.20	744	91,317.00	279,000	104,255.00	279,000	\$15,215.08	
February	691.00	672	0.00	672	165,866.00	252,000	110,341.00	252,000	\$21,488.30	
March	671.50	744	711.10	744	202,973.00	279,000	213,670.00	279,000	\$32,413.92	
April	315.90	720	858.00	720	105,411.00	270,000	144,712.00	270,000	\$19,459.02	



Return on Investment Monetary Breakdown

		HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.07/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
Calendar Year 2020								
	RECS							
January		200,970	\$10,048.50	\$18,042.01	\$1,890.00	\$26,200.51	\$31,256.00	(5,055.49)
February		141,465	\$7,073.25	\$20,094.73	\$1,512.89	\$25,655.09	\$31,256.00	(5,600.91)
March		173,840	\$8,692.00	\$19,599.80	\$580.00	\$27,711.80	\$31,256.00	(3,544.19)
April		153,275	\$7,663.75	\$20,494.55	\$2,436.00	\$25,722.30	\$31,256.00	(5,533.69)
May		136,460	\$6,823.00	\$17,846.52	\$2,254.85	\$22,414.67	\$31,256.00	(8,841.33)
June		153,920	\$7,696.00	\$19,134.51	\$1,395.44	\$25,435.07	\$31,256.00	(5,820.92)
July		161,425	\$8,071.25	\$9,251.31	\$1,161.36	\$16,161.20	\$31,256.00	(15,094.80)
August		219,075	\$10,953.75	\$20,545.50	\$1,846.00	\$29,653.25	\$31,256.00	(1,602.74)
September		187,790	\$9,389.50	\$16,063.45	\$4,621.48	\$20,831.47	\$31,256.00	(10,424.53)
October		221,345	\$11,067.25	\$31,816.95	\$1,846.00	\$41,038.20	\$31,256.00	9,782.20
November		165,540	\$8,277.00	\$14,524.77	\$2,463.88	\$20,337.89	\$31,256.00	(10,918.10)
December	\$24,198.77	261,102	\$13,055.10	\$21,787.92	\$993.00	\$58,048.79	\$31,256.00	26,792.79
Annual Totals	2,176,207	\$108,810.35	\$229,202.03	\$23,000.90	\$339,210.25			
Repayment Balance	\$3,300,633.09							
Annual Payback on Investment	\$240,438.87							
Current Return on Investment in Years	13.7							
		HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.07/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
Calendar Year 2021								
	RECS							
January		235,008	\$11,750.40	\$15,215.08	\$1,247.28	\$25,718.20	\$30,244.78	(4,526.59)
February		201,730	\$9,276.50	\$21,488.30	\$1,108.06	\$29,656.74	\$30,244.78	(588.04)
March		244,483	\$11,974.50	\$32,413.92	\$18,927.00	\$25,461.42	\$30,244.78	(4,783.37)
April	\$47,040.99	129,772	\$6,488.60	\$19,459.02	\$0.00	\$25,947.62	\$30,244.78	(4,297.16)
May			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
June			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
July			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
August			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
September			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
October			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
November			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
December			\$0.00	\$0.00		\$0.00	\$30,244.78	(30,244.78)
Annual Totals	\$47,040.99	810,993	\$39,490.00	\$88,576.32	\$21,282.34	\$106,783.98		
Repayment Balance	\$3,193,849.11							
Annual Payback on Investment	\$240,438.87							
Current Return on Investment in Years	13.3							

SECTION 5.0

CONSENT AGENDA

SECTION 5.1

MINUTES –

MARCH 11, 2021 MEETING

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
MINUTES
March 11, 2021

8:00 a.m.

Zoom Link: <https://us02web.zoom.us/j/84288624217>

Glenbard Wastewater Authority Meeting Procedures Statement

On March 16, 2020, Governor Pritzker issued Executive Order. No. 5 in response to COVID-19, which temporarily suspended certain requirements of the Open Meetings Act ILCS 120 allowing Executive Oversight Committee members to participate electronically in Executive Oversight Committee meetings. The Public is welcome to observe and participate in all meetings of the Executive Oversight Committee. Meetings are able to be viewed using the link <https://us02web.zoom.us/j/83750789884> or by calling (312) 626-6799 and using the Meeting ID: 837 5078 9884. All public comments received during the meeting will be read into the record during the appropriate portion of the agenda.

Members Present:

Keith Giagnorio	President, Village of Lombard
Gary Fasules	Acting President, Village of Glen Ellyn
William Ware	Trustee, Village of Lombard
Kelli Christiansen	Trustee, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard
Julius Hansen	Public Works Director, Village of Glen Ellyn

Others Present:

Matthew Streicher	Executive Director, GWA
Jon Braga	Maintenance Superintendent, GWA
Richard Freeman	Electrical Superintendent, GWA
Ashley Staat	Environmental Resources Coordinator, GWA
Jason Neighbors	Plant Operator, GWA
Mark Eddington	President, CSWEA
Gayle Lendabarker	Administrative Secretary, GWA
Christina Coyle	Finance Director, Village of Glen Ellyn

1. Call to Order at 8:05 a.m.
2. Roll Call: President Giagnorio, President Fasules, Trustee Ware, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith, and Mr. Hansen answered "Present".
3. Pledge of Allegiance
4. Public Comment
5. Award Recognition –

The President of the Central States Water Environmental Association (CSWEA), Mark Eddington, Executive Director of the Kishwaukee Water Reclamation District, will be presenting the CSWEA

2020 Operations Award to Jason Neighbors, Operator 1 at GWA, and the 2020 Water Stewardship Award to Matt Streicher. Since the usual awards ceremony was not allowed to take place this year, CSWEA would like to formally recognize the award winners at their respective public meetings.

Mr. Eddington presented the 2020 Operations Award to GWA staff member, Jason Neighbors and announced that Matt Streicher won the Water Stewardship Award; both awards honor them for their dedication to the wastewater industry and the environment. Mr. Eddington noted that GWA has become the standard that many plants seek to follow in regards to safety and forward thinking in the industry.

6. 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 part of the months of January 2021 \$987,162.57 and February 2021 \$235,228.62 (Trustee Christiansen)

Mr. Niehaus motioned and Trustee Christiansen seconded the MOTION that the following items, on the Consent Agenda be approved. President Giagnorio, President Fasules, Trustee Ware, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hansen responded “Aye” during a roll vote. The motion carried.

Mr. Niehaus made the motion to approve the Consent Agenda with the stipulation that the 1998 Daewoo Forklift in Item 6.2, be officially declared as surplus via a resolution issued at a later date. Mr. Streicher advised that based on a late afternoon call from GWA’s attorney on Wednesday, who advised that a declaration of this nature needs to be done in a more formal manner and GWA will bring a formal document to the EOC Committee in the future. Mr. Niehaus indicated that based on GWA’s legal counsel advice that Mr. Streicher provided, he was withdrawing his stipulation from the motion, with the knowledge this point will be addressed at a future meeting.

- 6.1 Vouchers previously reviewed by Trustee Christiansen
 - o January 2021 and February 2021

- 6.2 Forklift Purchase

The Authority has budgeted \$48,000 for the replacement of unit 612, a 1998 Daewoo Forklift. Existing unit 612 is past it’s useful service life and is need of replacement. The Village of Glen Ellyn’s Fleet Superintendent is agreement with this assessment.

The Authority staff is requesting your authorization to provide Illinois Material Handling (Woltergroup, LLC) with a notice to proceed in the amount of **\$32,646.00** billed to **40-570155 Vehicles and Equipment Replacement**.

- 6.3 Biosolids Hauling and Disposal Contract Award

During the month of February, GWA placed an advertisement for bid for a three-year contract for the removal and disposal of municipal bio-solids from the main Glenbard plant. At the bid opening date on February 26, 2018 at 12:00pm, there were seven registered plan holders. At the bid opening GWA received three bid packets. The TAC and the Authority recommend to the EOC to motion to Authorize the award of the three-year contract for Disposal of Municipal Bio-Solids to Synagro for the amount of \$19.20 per cubic yard for the three-year contract.

6.4 Approval to Purchase CHP Spare Parts

In 2015, GWA purchased 2 CHP generators. These generators are designed to run 24/7 and with running at this frequency, consumable parts need replacement fairly often. Each year funds are budgeted for consumable items. These items include oil filters, air filters, oil separators, gas filters, sparkplugs and valve cover gaskets. Recent inventory of existing parts revealed lower than desired quantities of these essential consumables.

The approved 2016 purchasing policy item C.1.f. defines Standardization purchases, as “technical in nature of certain items or services may result in the standardization of a particular supplier’s specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery or other existing equipment.” Therefore, it is being requested to provide Nissen Energy with a notice to proceed for the amount of \$28,426.78. Nissen Energy is the manufacturer of the CHP generators and guarantees compatibility of the consumables with the existing equipment. Funds will be sourced from budget line item 270-520975. Nissen has agreed to provide a 10% discount and free shipping for all the parts.

6.5 Ratification of February 4, 2021 Phone Poll Items

6.5.1 Executive Oversight Committee Meeting Minutes:
November 19, 2020 EOC Meeting

6.5.2 Vouchers Previously Reviewed by:
November and December 2020 – Trustee Christiansen

6.5.3 Request for Authorization to continue into Year 1 of 3 of the Janitorial Services Contract with Vega Building Maintenance.

GWA requests waiver of bids and authorization to continue into year one of the three-year contract for Janitorial Services with RCC Cleaning for \$13,780, and shall be invoiced to Fund 270-520971 in CY2021

6.5.4 Request for Authorization to Enter into Year 2 of 3 of Flow Monitoring Services Contract with RJN Group, Inc.

GWA requests waiver of bids and authorization to continue into year two of the three-year contract for Flow Monitoring Services with the RJN Group, Inc. The amount of \$132,000 shall be invoiced to Fund 270-520981 in CY2021.

- 6.5.5 Request for Authorization to Enter into Year 2 of 3 of Sodium Thiosulfate Supply Contract with PVS Chemical.

GWA requests waiver of bids and authorization to continue into year two of the three-year contract for the Sodium Thiosulfate Supply Contract with PVS Chemical at \$2.59/gallon, and shall be invoiced to Fund 270-1-530440 in CY2021

- 6.5.6 Request for Authorization to Enter into Year 2 of 3 of Sodium Hypochlorite Supply Contract with Alexander Chemical Corporation.

GWA requests waiver of bids and authorization to continue into year two of the three-year contract for the Sodium Hypochlorite Supply Contract with Alexander Chemical Corporation at \$0.7101/gallon, and shall be invoiced to Fund 270-520981 in CY2021

- 6.5.7 Request for Authorization to Enter into Year 5 of 5 of the Lease of Atmospheric Vaporizers and Airgas Liquid Oxygen Hauling Agreement

GWA requests waiver of bids and authorization to continue into year four of the five-year contract for the leasing of atmospheric vaporizers and liquid oxygen hauling with Airgas in CY2021. Starting in April 2021 Liquid Oxygen hauling will be priced at \$0.282/per 100 cubic feet with a base delivery charge of \$15,600, and invoiced to Fund 270-530443 in the CY2021 Budget. Atmospheric Vaporizers Leasing will be priced at \$1,500/month, and invoiced to Fund 40 Capital Plan in the CY2021 Budget.

This contract is set to expire in April 2022, and therefore both the supply of liquid oxygen and the atmospheric vaporizer leasing will be rebid out next calendar year to obtain competitive pricing.

- 6.5.8 Contract Laboratory Services Open Purchase Order Request

The Authority Staff would like to request waiving of competitive bidding requirements per the Village of Glen Ellyn code, 1-10-2: EXCEPTIONS TO COMPETITIVE BIDDING. Per Administrative Order No. 3 Section "D" Professional Services – Section 3 the Authority is required to seek at least three competitive proposals. The request provides support that the Authority has gathered and evaluated three competitive proposals from qualified laboratories.

This request is made due to the specific requirements that need to be met in order for the Authority to properly test our Influent, Effluent, Anaerobic Digester and Land Applied Biosolids samples per the IEPA and EPA specifications. With the EOC's approval, a purchase order will be created under O&M account 270-520806 – Professional Services Laboratory Support for a not to exceed budgeted amount of \$25,000 to be utilized during the 2021 calendar year.

7. Authorize GWA to Approve Illinois Environmental Protection Agency (IEPA) State Revolving Fund (SRF) Low Interest Loan Agreement for Biosolids Dewatering Improvements Project

At the June 2020 EOC Meeting, the EOC approved the application for an IEPA SRF Low Interest Loan for the purposes of funding the Biosolids Dewatering Improvements Project. After the bids for the project were received, and the notice of intent to award was approved by the EOC, the final application documents were sent to the IEPA.

GWA recently received the enclosed paperwork providing notification that the loan has been approved in the amount of \$2,490,750 at a 1.35% simple annual interest rate. The loan is a 20-year term with semi-annual repayments, which will begin after the project has reached substantial completion. At this time, the project is expected to commence in late March/early April, with a substantial completion date in fall 2021.

The Authority respectfully requests the EOC motion to authorize GWA to enter into the Illinois Environmental Protection Agency (IEPA) State Revolving Fund (SRF) Low Interest Loan Agreement in the amount of \$2,490,750 at a 1.35% simple annual interest rate.

Mr. Streicher stated that in June 2020, the EOC Committee approved GWA's application for an IEPA State Revolving Fund loan to pay for the biosolids dewatering project. Mr. Streicher explained that the loan application has been approved by the IEPA and will cover the entire cost of the project; however, Mr. Streicher added that based on conversations with the Village of Glen Ellyn's Finance Director, Christina Coyle, all of the engineering costs, both design and construction, were budgeted for in the capital budget and will therefore, not be submitted for loan reimbursement. Mr. Streicher added that GWA will have 20 years to pay back the loan at 1.35% interest rate.

Mr. Niehaus made the motion and Mr. Franz seconded to grant GWA authority to enter into the Illinois Environmental Protection Agency (IEPA) State Revolving Fund (SRF) Low Interest Loan Agreement in the amount of \$2,490,750 at a 1.35% simple annual interest rate. President Giagnorio, President Fasules, Trustee Christiansen, Trustee Ware, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hansen responded "Aye" during a roll vote. The motion carried.

8. Authorize GWA to approve Notice of Award and Agreement to Independent Mechanical Industries for the Biosolids Dewatering Improvements Project

After a public bid opening was performed, the EOC authorized the approval of the Notice of Intent to Award the Biosolids Dewatering Improvements Construction Contract to Independent Mechanical Industries, Inc. for \$2,085,000.00 at the November 19, 2020 EOC Meeting. The notice of intent to award was required in order to submit the final loan application for the IEPA SRF Low Interest Loan that is planned to be used to finance the project.

Providing item number 7 on this agenda is approved by the EOC, the TAC and the Authority recommend the EOC to motion to authorize the approval of the Notice of Award and Agreement for the Biosolids Dewatering Improvements Construction Contract to Independent Mechanical Industries, Inc. in the amount of \$2,085,000.00.

Mr. Streicher indicated while the Intent of Notice to Award was approved by the EOC Committee back in November 2020, the time has come formally issue the Notice of Award and formally execute the Agreement for the Biosolids Dewatering Project with Independent Mechanical Industries, Inc. in the amount of \$2,085,000.

Mr. Ware made the motion and Mr. Niehaus seconded for GWA to issue the Notice of Award and Agreement for the Biosolids Dewatering Improvements Construction Contract to Independent Mechanical Industries, Inc. in the amount of \$2,085,000 to be charged to account 40-580180-20003. President Giagnorio, President Fasules, Trustee Ware, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hansen responded “Aye” during a roll vote. The motion carried.

9. Electric Supply Procurement

The Authority’s Electric Supply contract expires February, 2022, at which time the existing contract would automatically revert to the default supplier, ComEd. Typically, electric supply can be procured for cheaper rates. This could result in significant price increases for the Authority unless a new contract is secured prior to the existing contract’s expiration. Due to the rapid market changes and the inability to secure prices for not much more than a day, it would be in the best interest of the Authority and the EOC if the Executive Director were able to secure prices when they appear to be at their lowest point. Therefore, following the success of the EOC approved Natural Gas and Electricity procurement practice utilized in October/November 2014, July 2017, and again most recently with Natural Gas in 2020, the Authority is requesting that the Executive Director be provided the ability to secure prices for Electric Supply when they appear to be at their lowest point. The selection process as requested is outlined below:

1. Receive quotes from all qualified Electric suppliers.
2. Identify and confirm the lowest three- or four-year contract prices.
3. Have legal do a review of the contract.
4. The Executive Director will sign the contract documents.
5. Contract Documents and Information about the Electric supplier presented to the EOC in the consent agenda at the next scheduled EOC meeting.

This process provides the Authority with the best means to acquire the lowest pricing in the most efficient manner. This information was also previously described to the EOC at the September 2020 meeting when the Natural Gas contract was secured. The TAC is agreement with this approach, as it allows the Authority to capitalize on market opportunities. It is requested that the EOC motion to authorize the Executive Director to secure Electric supply when rates are at or below our existing rate of \$0.0436/kWh (transmission fees not included).

Mr. Streicher explained that like the natural gas contract last fall, GWA is in the process of securing the best possible electric pricing per kilowatt and as the pricing changes daily, requests the EOC Committee's permission be able to sign agreement documents once the best price is reached. Mr. Streicher also outlined that the GWA is looking into a four (4) year pricing contract, like it has now as the industry trend is predicting that pricing will go up on over the next three (3) years and GWA would realize a cost savings with a four (4) year term.

Mr. Niehaus made the motion and Trustee Christiansen seconded to authorize the Executive Director to secure Electric Supply when rates are at or below our existing rate of \$0.0436/kWh (transmission fees excluded) President Giagnorio, President Fasules, Trustee Ware, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hansen responded "Aye" during a roll vote. The motion carried.

10. Discussion

10.1 Capital Improvement Projects Update

Facility Improvement Project:

Mr. Romza provided the following updates on the project:

- While the final completion date has technically passed there are a few minor, minor items remaining, i.e., operations manuals, leaking into the new low flow wet well, which is more like weeping than leaking and is not related to any structural issues and is being fixed. Mr. Romza advised that in lieu of liquidated damages, final payment is being withheld until the issues are resolved and noted that Boller has not submitted their final payment request yet.

Medium Voltage Electric Grid Update:

Mr. Romza provided the following status:

*- Work began at the end of 2020
- Currently working on installing concrete encased conduits starting at the West side of the plant
- A little behind schedule due to weather, encountering unknown structures and moving a little slow in general.
- Contractor is working to find efficiencies that will get them back on schedule such as bringing on a second crew to do the underground work.*

Biosolids Dewatering Improvement Project:

Mr. Romza provided the following status:

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- *As the contract and the Loan application were just approved, work on the project can officially begin.*
- *The Engineers and the contractor have been actually working to get items lined up and ready to go prior to the execution of the Contract in an effort to be able to start as quickly as possible and hopefully stay on schedule.*

RE Hours:

Mr. Romza highlighted how the RE hours for the FIP project have dropped dramatically; however, the hours for the electrical grid project have increased in its place due to the project moving slower than expected with the delays being experienced for weather and unidentified buried structures being encountered.

10.2 High Strength Waste Receiving SOP's

Mr. Streicher stated that as a result of the digester upset event that occurred back in 2017, and based on a recommendation by the EOC Committee, GWA established SOP's to monitor the digester health and as a result, when the digester began to show early signs of an upset in January, GWA Staff were able to take immediate corrective action avoid a repeat.

Mr. Streicher wanted to recognize the Operations Department for their quick recognition of the problem and the quick action they took to remedy the situation as well as highlight how effective the SOP's are.

11. Other Business

11.1 Technical Advisory Committee Updates

12. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, April 8, 2021 at 8:00 a.m. via Zoom.***

Mr. Niehaus asked Mr. Streicher if he anticipated a need for an April EOC Committee meeting. Mr. Streicher indicated that he did not think there would be any items that would require the EOC Committee to meet in April.

Mr. Niehaus expressed that as a result this would be Trustee Ware's last EOC Committee and wanted to recognize his second term of service on the EOC Committee. Mr. Streicher expressed his gratitude and appreciation to Trustee Ware on behalf of GWA.

Trustee Ware stated it had been a pleasure and an honor to work with everyone on the EOC Committee over the years.

Trustee Ware made the motion to adjourn the March 11, 2021 EOC Committee and Mr. Franz seconded the MOTION. President Giagnorio, President Fasules, Trustee Ware, Trustee Christiansen, Mr. Franz, Mr. Goldsmith and Mr. Hansen responded "Aye" during a roll call. The motion carried. The meeting adjourned at 8:25 a.m.

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Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary

SECTION 5.1

VOUCHER REPORTS

GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
For the meeting in June 2021

EXPENDITURES:	Check Date	Paid Amount	
Accounts Payable Warrant 0321-1	3/16/2021	\$ 516,670.29	
Accounts Payable Warrant 0321-2	3/30/2021	\$ 800,239.45	
Accounts Payable Warrant 0421-1	4/14/2021	\$ 127,157.28	
Accounts Payable Warrant 0421-2	4/30/2021	\$ 149,299.36	
Accounts Payable Warrant 0521-1	5/18/2021	\$ 832,445.14	
Accounts Payable Warrant 0521-2	5/28/2021	\$ 200,547.59	
		<u>\$ 2,626,359.11</u>	<u>\$ 2,626,359.11</u>

PAYROLL EXPENDITURES:	March 12, 2021	March 26, 2021	April 9, 2021	April 23, 2021	May 7, 2021	May 21, 2021
Net Employee Payroll Checks	<u>\$ 38,447.42</u>	<u>\$ 37,737.86</u>	<u>\$ 37,234.38</u>	<u>\$ 38,229.37</u>	<u>\$ 38,584.84</u>	<u>\$ 37,972.48</u>

Employee & Employer Payroll Deductions:

Employee Deductions*	\$ 20,456.25	\$ 19,881.81	\$ 19,353.48	\$ 19,978.02	\$ 19,953.00	\$ 20,039.89
IMRF - Employer contribution	\$ 4,914.95	\$ 4,793.30	\$ 4,669.79	\$ 4,816.89	\$ 4,759.12	\$ 4,824.05
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,289.46	\$ 4,193.12	\$ 4,098.90	\$ 4,328.09	\$ 4,248.07	\$ 4,223.18
Total Payroll	<u>\$ 68,108.08</u>	<u>\$ 66,606.09</u>	<u>\$ 65,356.55</u>	<u>\$ 67,352.37</u>	<u>\$ 67,545.03</u>	<u>\$ 67,059.60</u>
						<u>\$ 402,027.72</u>
						<u>\$ 3,028,386.83</u>

MARCH 2021

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1268 JP MORGAN CHASE NA									
1946812		03/05/2021		0321-2	2917	66.46 03/19/2021	DIR	PD	IL SEC OF STATE - DRIVERS
1946628		03/05/2021		0321-2	2918	31.80 03/19/2021	DIR	PD	AMAZON - PROTECTOR CASE F
23412		03/05/2021		0321-2	2919	124.99 03/19/2021	DIR	PD	BESTBUY.COM - PROTECTOR C
23413		03/05/2021		0321-2	2920	149.70 03/19/2021	DIR	PD	EBAY.COM- OEM PART
23414		03/05/2021		0321-2	2921	68.75 03/19/2021	DIR	PD	BW INDUSTRIAL - EQPT LABE
23415		03/05/2021		0321-2	2922	372.23 03/19/2021	DIR	PD	TOUCHBOARDS.COM - DUAL MO
1946726		03/05/2021		0321-2	2923	12.74 03/19/2021	DIR	PD	ZOOM.COM - MONTHLY MEETIN
23416		03/05/2021		0321-2	2924	25.00 03/19/2021	DIR	PD	CSWEA - CONFERENCE/SEMINA
1946531		03/05/2021		0321-2	2925	60.00 03/19/2021	DIR	PD	CSWEA - TRAINING DZIEWIOR
23417		03/05/2021		0321-2	2926	51.13 03/19/2021	DIR	PD	AMAZON - WEB CAMERA & SPE
23418		03/05/2021		0321-2	2927	60.00 03/19/2021	DIR	PD	CSWEA - CONFERNCE KOVAC,
23419		03/05/2021		0321-2	2928	52.13 03/19/2021	DIR	PD	AMAZON - WEB CAMERA & SPE
23420		03/05/2021		0321-2	2929	-15.00 03/19/2021	CRM	PD	IAWA/IWEA - REFUND OF REG
23421		03/05/2021		0321-2	2930	88.11 03/19/2021	DIR	PD	GSBOOSTER.ORG - FLOWERS F
23422		03/05/2021		0321-2	2931	23.59 03/19/2021	DIR	PD	AMAZON - OFFICE SUPPLIES
23423		03/05/2021		0321-2	2932	74.00 03/19/2021	DIR	PD	CHICAGO TRIBUNE - QTRLY S
23424		03/05/2021		0321-2	2933	196.92 03/19/2021	DIR	PD	BUONA BEEF - STAFF RECOGN
23425		03/05/2021		0321-2	2934	50.00 03/19/2021	DIR	PD	CSWEA - CONFERENCE STAAT
23426		03/05/2021		0321-2	2935	140.88 03/19/2021	DIR	PD	KEURING - COFFEE SUPPLIES
23427		03/05/2021		0321-2	2936	189.99 03/19/2021	DIR	PD	KEURING - NEW MACHINE/COF
23428		03/05/2021		0321-2	2937	40.00 03/19/2021	DIR	PD	CSWEA - GOV'T AFFAIRS SEM
23429		03/05/2021		0321-2	2938	20.00 03/19/2021	DIR	PD	CSWEA - OPERATORS TRAININ
293 VILLAGE OF GLEN ELLYN									
1013187		03/19/2021		0321-2	2939	14,184.67 03/19/2021	DIR	PD	MONTHLY IFT TRANSFER MARC
538 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY									
23468		02/16/2021		0321-2	2940	485,361.96 03/30/2021	DIR	PD	#L17-5180-LOAN PAYMENT -

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
881 AIRGAS, INC									
23310	20210005	03/03/2021		0321-1	959778	111.20 03/16/2021	INV	PD	#2024961-MAINT WELDING SU
23312		03/06/2021		0321-1	959778	1,500.00 03/16/2021	INV	PD	YEAR 5 OF VAPORIZER LEASI
23256		02/06/2021		0321-1	959778	4,466.03 02/26/2021	INV	PD	#2024961-LIQUID OXYGEN-FE
23257		02/13/2021		0321-1	959778	6,064.03 02/26/2021	INV	PD	#2024961-LIQUID OXYGEN-FB
23280		02/20/2021		0321-1	959778	2,275.75 02/26/2021	INV	PD	#2024961-LIQUID OXYGEN FE
23311		03/06/2021		0321-1	959778	3,724.79 03/16/2021	INV	PD	#2024961-LIQUID OXYGEN-MA
23341		03/06/2021		0321-1	959778	63.36 03/16/2021	INV	PD	#2024961-ELECTRICAL CALIB
						18,205.16			
859 ANALYTICAL SOLUTION, INC									
23313		02/27/2021		0321-1	959779	590.00 03/16/2021	INV	PD	METHANE GAS TESTING - FEB
942 POWER UP BATTERIES LLC									
23314		03/04/2021		0321-1	959780	73.90 03/16/2021	INV	PD	#6307901901-ELECTRICAL BA
1124 BLACK & VEATCH CORPORATION									
23315	20160007	02/24/2021		0321-1	959781	28,120.00 03/16/2021	INV	PD	CONSTRUCTION OVERSIGHT FI
1350 BROADWAY ELECTRIC, INC.									
23281	20200016	12/31/2020		0321-1	959782	171,450.00 02/26/2021	INV	PD	ELECTRICAL POWER DISTRIBU
23316	20200016	01/31/2021		0321-1	959782	125,145.00 03/16/2021	INV	PD	ELECTRICAL POWER DISTRIBU
						296,595.00			
819 UNITED COMMUNICATIONS									
23343		03/15/2021		0321-1	959783	1,124.68 03/16/2021	INV	PD	#1209792-PHONE SVC - MAR/
37 CDW GOVERNMENT, INC.									
23317		03/02/2021		0321-1	959784	282.04 03/16/2021	INV	PD	#4019735-COMPUTER DOCKING
23318		03/03/2021		0321-1	959784	334.96 03/16/2021	INV	PD	#4019735-SERVER PARTS - M
23319		03/08/2021		0321-1	959784	2,093.92 03/16/2021	INV	PD	#4019735-LAPTOP COMPUTER-
						2,710.92			
47 CINTAS CORPORATION #769									
23262		02/22/2021		0321-1	959785	169.90 02/26/2021	INV	PD	#14944758-MAINT SHOP TOWE
768 CINTAS FIRST AID & SAFETY									
23320		03/05/2021		0321-1	959786	292.39 03/16/2021	INV	PD	#10127979-FIRST AID SVC -
1218 COLLEY ELEVATOR CO.									
23321		03/01/2021		0321-1	959787	198.00 03/16/2021	INV	PD	#BE0945-MONTHLY ELEVATOR
490 COMCAST CABLE COMMUNICATIONS, LLC									
23322		02/25/2021		0321-1	959788	267.20 03/16/2021	INV	PD	#8771200570017919-INTERNE

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1248 CONCENTRIC INTEGRATION										
23409	20210002	02/22/2021		0321-1	959789	48,862.27	03/16/2021	INV	PD	PLC REPLACEMENT PROJECT
1307 CONSERV FS INC										
23266		02/12/2021		0321-1	959790	1,354.40	02/26/2021	INV	PD	#809450-MAINT CONNUMABLES
23265		02/12/2021		0321-1	959790	1,285.40	02/26/2021	INV	PD	#809450-MAINT CONSUMMABLE
						2,639.80				
994 DIRECT ENERGY MARKETING, INC.										
23267		02/17/2021		0321-1	959791	41,268.83	02/26/2021	INV	PD	#1152328-ELECTRIC USAGE -
413 DRYDON EQUIPMENT, INC										
23324		02/26/2021		0321-1	959792	2,362.90	03/16/2021	INV	PD	SPARE PUMP PARTS - FEB 20
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC										
23406		02/26/2021		0321-1	959793	272.72	03/16/2021	INV	PD	#81393-99-COMPUTER PARTS
23407		03/08/2021		0321-1	959793	1,354.15	03/16/2021	INV	PD	#81393-01-POWER SUPPLY-MA
						1,626.87				
293 VILLAGE OF GLEN ELLYN										
23400		03/01/2021		0321-1	959794	492.53	03/16/2021	INV	PD	#910130-WATER SVC - JAN 2
23401		03/01/2021		0321-1	959794	19.86	03/16/2021	INV	PD	#432720-WATER SVC - DEC 2
						512.39				
1178 GOVCONNECTION, INC										
23268		01/27/2021		0321-1	959795	2,384.24	02/26/2021	INV	PD	#14278877-SOFTWARE LICENS
297 W.W. GRAINGER, INC.										
23269		02/16/2021		0321-1	959796	89.79	02/26/2021	INV	PD	#801764762-ELECTRICAL SUP
23325		02/18/2021		0321-1	959796	41.36	03/16/2021	INV	PD	#801764762-ELECTRICAL SUP
23271		02/19/2021		0321-1	959796	89.67	02/26/2021	INV	PD	#801764762-MAINT TOOLS -
23272		02/23/2021		0321-1	959796	447.63	02/26/2021	INV	PD	#801764762-MAINT TOOLS-FE
23328		02/26/2021		0321-1	959796	114.70	02/26/2021	INV	PD	#801764762-ELECTRICAL TOO
23326		02/26/2021		0321-1	959796	-41.36	02/26/2021	CRM	PD	#801764762-REFUND TO UNDE
23329		02/26/2021		0321-1	959796	132.00	02/26/2021	INV	PD	#801764762-JANITORIAL SUP
23327		02/26/2021		0321-1	959796	41.36	02/26/2021	INV	PD	#801764762-ELECTRICAL SUP
23331		03/03/2021		0321-1	959796	55.20	03/16/2021	INV	PD	#801764762-MAINT TOOLS -
23330		03/03/2021		0321-1	959796	192.79	03/16/2021	INV	PD	#801764762-MAINT SUPPLIES
23332		03/08/2021		0321-1	959796	538.26	03/16/2021	INV	PD	#801764762-ELECTRICAL PAR
						1,701.40				
743 GROOT, INC										
23333		03/01/2021		0321-1	959797	365.51	03/16/2021	INV	PD	#310769434001-REFUSE SVC
1340 HAUSER IZZO PETRARCA, GLEASON & STILLMAN LLC										

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23334		03/09/2021		0321-1	959798	23.00 03/16/2021	INV	PD	#GL2700-01-LEGAL SVCS FIP
	985 HOLSTEINS GARAGE								
23336		02/28/2021		0321-1	959799	40.00 03/16/2021	INV	PD	SAFETY LANE INSP #649-FEB
	124 HOME DEPOT USA, INC								
23358		03/02/2021		0321-1	959800	17.47 03/10/2021	INV	PD	#7114--MAINT SUPPLIES - M
23359		03/02/2021		0321-1	959800	-17.47 03/16/2021	CRM	PD	#7114-MERCH RETURN FROM I
23344		02/18/2021		0321-1	959800	33.85 03/16/2021	INV	PD	#7114-MIANT TOOL ACCESSOR
23349		03/10/2021		0321-1	959800	87.07 03/16/2021	INV	PD	#7114-ELECTRICAL SUPPLIES
23356		03/10/2021		0321-1	959800	-83.58 03/10/2021	CRM	PD	#7114-RETURNED ITEMS FOR
23357		03/10/2021		0321-1	959800	77.39 03/10/2021	INV	PD	#7114-PRE-TREATMENT INSPE
23345		02/18/2021		0321-1	959800	-2.51 03/16/2021	CRM	PD	#7114-REFUND OF SALES TAX
23355		03/09/2021		0321-1	959800	83.58 03/16/2021	INV	PD	#7114-PRETREATMENT INSPEC
23354		03/09/2021		0321-1	959800	262.90 03/16/2021	INV	PD	#7114-PRE-TREATMENT INSP
23353		02/25/2021		0321-1	959800	119.78 03/16/2021	INV	PD	#7114-ELECTRICAL PARTS -F
23351		02/23/2021		0321-1	959800	350.00 03/16/2021	INV	PD	#7114-EQUIPMENT RENTAL DE
23352		02/25/2021		0321-1	959800	-247.67 02/25/2021	CRM	PD	#7114-REFUND OF USED EQUI
23347		02/23/2021		0321-1	959800	115.00 03/16/2021	INV	PD	#7114-OPERATIONS TOOL-FEB
23346		02/23/2021		0321-1	959800	34.66 03/16/2021	INV	PD	#7114-MAINT SUPPLIES - FE
23348		02/23/2021		0321-1	959800	18.62 03/16/2021	INV	PD	#7114-MAINT SUPPLIES - FE
						849.09			
	1147 ILLINOIS AMERICAN WATER COMPANY								
23337		02/23/2021		0321-1	959801	113.64 03/16/2021	INV	PD	#1025220008432566-VVLS WA
	185 KONICA MINOLTA BUSINESS SOLUTIONS INC								
23339		02/25/2021		0321-1	959802	67.27 03/16/2021	INV	PD	#146316-COPIER USAGE - JA
	1264 LAWSON PRODUCTS INC								
23360		03/03/2021		0321-1	959803	339.70 03/16/2021	INV	PD	#10274594-MAINT TOOLS - M
	1189 LEAHY-WOLF COMPANY								
23361		03/10/2021		0321-1	959804	1,899.00 03/16/2021	INV	PD	CHP ENGINE OIL-MAR2021
	157 LEN'S ACE HARDWARE, INC.								
23410		02/25/2021		0321-1	959805	33.06 03/16/2021	INV	PD	#331050-OPERATIONS SUPPLI
	158 LESMAN INSTRUMENT CO.								
23283		02/09/2021		0321-1	959806	60.76 02/26/2021	INV	PD	GLWA-ELECTRICAL PARTS - F
	171 MCMASTER-CARR SUPPLY CO.								
23285		02/11/2021		0321-1	959808	19.27 02/26/2021	INV	PD	#7735700-MAINT SUPPLIES -
23286		02/17/2021		0321-1	959808	12.66 02/26/2021	INV	PD	#7735700-MAINT SUPPLIES -
23287		02/18/2021		0321-1	959808	56.50 02/26/2021	INV	PD	#7735700-ELECTRICAL PARTS

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23288		02/18/2021		0321-1	959808	232.35 02/26/2021	INV	PD	#7735700-MAINT SUPPLIES -
23364		02/24/2021		0321-1	959808	399.18 03/16/2021	INV	PD	#7735700-MAINT TOOLS - FE
23363		02/24/2021		0321-1	959808	37.46 03/16/2021	INV	PD	#7735700-MAINT SUPPLIES -
23365		03/03/2021		0321-1	959808	317.27 03/16/2021	INV	PD	#7735700-MAINT SUPPLIES -
23366		03/04/2021		0321-1	959808	36.41 03/16/2021	INV	PD	#7735700-MAINT SUPPLIES -
23367		03/09/2021		0321-1	959808	30.89 03/16/2021	INV	PD	#7735700-MAINT TOOLS - MA
						1,141.99			
1223 CAPITAL ONE NATIONAL ASSN									
23369		02/22/2021		0321-1	959809	10.03 03/16/2021	INV	PD	6004300499008602-MAINT SU
23368		02/23/2021		0321-1	959809	312.40 03/16/2021	INV	PD	#6004300499008602-MAINT E
						322.43			
190 SID TOOL CO, INC									
23289		02/04/2021		0321-1	959810	2,317.24 02/26/2021	INV	PD	#1622985-MAINT TOOLBOX -
23290		02/17/2021		0321-1	959810	142.75 02/26/2021	INV	PD	#1622985-MAINT NEW TOOL B
23291		02/18/2021		0321-1	959810	612.32 02/26/2021	INV	PD	#1622985-MAINT TOOL BOX &
23292		02/23/2021		0321-1	959810	279.04 02/26/2021	INV	PD	#1622985-MAINT TOOLS - FE
23370		02/25/2021		0321-1	959810	116.26 03/16/2021	INV	PD	#1622985-MAINT TOOLS - FE
23371		03/05/2021		0321-1	959810	178.04 03/16/2021	INV	PD	#1622985-MAINT TOOSL - MA
						3,645.65			
1142 GENUINE PARTS CO-NAPA									
23293		02/17/2021		0321-1	959811	7.99 02/26/2021	INV	PD	#13643-MAINT SUPPLIES - F
199 NEUCO, INC.									
23294		02/17/2021		0321-1	959812	394.20 02/26/2021	INV	PD	#CL016-ELECTRICAL PARTS -
206 NORTHERN ILLINOIS GAS COMPANY									
23372		03/09/2021		0321-1	959813	133.60 03/16/2021	INV	PD	#95412930760-NAT GAS SUNN
1355 PACKKEY WEBB FORD									
23411		02/25/2021		0321-1	959814	235.20 03/16/2021	INV	PD	KEY FOB FOR NEW ELECTRICA
873 THE PITNEY BOWES BANK, INC									
23374		03/05/2021		0321-1	959815	185.25 03/16/2021	INV	PD	#8000909005198416-POSTAGE
226 PORTER PIPE AND SUPPLY CO									
23378		03/10/2021		0321-1	959816	972.26 03/16/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23375		03/04/2021		0321-1	959816	189.87 03/16/2021	INV	PD	#1823-MAINT SUPPLIES-MAR
23377		03/10/2021		0321-1	959816	137.00 03/16/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23376		03/10/2021		0321-1	959816	44.22 03/16/2021	INV	PD	#1823-MAINT SUPPLIES - MA
						1,343.35			
412 NESTLE WATERS NORTH AMERICA									
23379		03/06/2021		0321-1	959817	115.84 03/16/2021	INV	PD	#8100616302-BOTTLED WATER

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1212 RJN GROUP, INC										
23298	20200015	02/03/2021		0321-1	959818	13,080.00	02/26/2021	INV	PD	HYDRAULIC MODEL SVCS - JA
246 RYAN HERCO PRODUCTS CORP										
23335		03/03/2021		0321-1	959819	194.26	03/16/2021	INV	PD	#60077-MAINT PARTS-MAR 20
781 SINCLAIR MINERAL & CHEMICAL CO.										
23380		03/09/2021		0321-1	959820	195.00	03/16/2021	INV	PD	MAINT-MEDIA BLASTING SUPP
939 STAPLES CONTRACT & COMMERCIAL INC.										
23381		02/12/2021		0321-1	959821	259.98	03/16/2021	INV	PD	#DET1680518-SCADA ROOM CH
23384		02/26/2021		0321-1	959821	129.99	03/16/2021	INV	PD	DET1680518-SCADA OFFICE C
23385		03/03/2021		0321-1	959821	49.77	03/16/2021	INV	PD	DET1680518-OFFICE SUPPLIE
23386		03/03/2021		0321-1	959821	259.98	03/16/2021	INV	PD	DET1680518-SCADA OFFICE C
23388		03/10/2021		0321-1	959821	35.27	03/16/2021	INV	PD	#DET1680518-LAB/OFFICE SU
23383		02/26/2021		0321-1	959821	-129.99	02/26/2021	CRM	PD	#DET1680518-REFUND FOR DA
						605.00				
464 STRAND ASSOCIATES, INC.										
23305	20180005	02/10/2021		0321-1	959822	13,465.84	02/26/2021	INV	PD	ELECTRICAL DESIGN, ENG SV
738 SUBURBAN LABORATORIES, INC.										
23392		02/04/2021		0321-1	959823	370.50	03/16/2021	INV	PD	LAB SVCS - OVERTON GEAR -
23390		02/25/2021		0321-1	959823	370.50	03/16/2021	INV	PD	LAB SVCS - OVERTON GEAR-F
23389		02/25/2021		0321-1	959823	370.50	03/16/2021	INV	PD	LAB SVCS - EM COATING-FEB
23391		02/27/2021		0321-1	959823	1,118.00	03/16/2021	INV	PD	LAB SVCS- NPDES TESTING -
						2,229.50				
1271 SYNAGRO-WWT										
23307		01/31/2021		0321-1	959824	17,024.00	02/26/2021	INV	PD	#3430-BIOSOLIDS DISPOSAL
271 TERRACE SUPPLY COMPANY										
23394		02/28/2021		0321-1	959825	46.48	03/16/2021	INV	PD	#315850-WELDING GAS CYLIN
477 UNITED PARCEL SERVICE, INC										
23395		03/13/2021		0321-1	959826	4.95	03/16/2021	INV	PD	#9YF103-SHIPPING CHARGES
1344 VEGA BUILDING MAINTENANCE & SUPPLIES INC										
23396	20210003	03/01/2021		0321-1	959827	1,148.00	03/16/2021	INV	PD	YEAR ONE JANITORIAL SERVI
988 VERIZON WIRELESS SERVICES LLC										
23397		02/18/2021		0321-1	959828	1,535.76	03/16/2021	INV	PD	#687026363-00001-CELL PHO
23398		03/01/2021		0321-1	959828	238.23	03/16/2021	INV	PD	#842065533-0001-REMOTE S

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE	NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						1,773.99				
491 VWR INTERNATIONAL, INC.										
23404		03/01/2021		0321-1	959829	176.00	03/16/2021	INV	PD	#80020526-LAB SUPPLIES -M
309 WILKENS-ANDERSON CO.										
23405		03/02/2021		0321-1	959830	180.25	03/16/2021	INV	PD	#3374-LAB SUPPLIES - MAR
980 XYLEM WATER SOLUTIONS USA, INC.										
23408	20200017	12/09/2020		0321-1	959831	5,524.64	03/16/2021	INV	PD	FLYGT CRAS PUMPS
881 AIRGAS, INC										
23456		03/27/2021		0321-2	959832	310.48	03/30/2021	INV	PD	#2024961-ELECTRICAL CALIB
23309		02/27/2021		0321-2	959832	6,480.65	03/16/2021	INV	PD	#2024961-LIQUID OXYGEN
23342		03/13/2021		0321-2	959832	7,275.84	03/16/2021	INV	PD	#2024961-LIQUID OXYGEN -
23454		03/20/2021		0321-2	959832	4,639.38	03/30/2021	INV	PD	#2024961-LIQUID OXYGEN -
23455		03/27/2021		0321-2	959832	5,776.05	03/30/2021	INV	PD	#2024961-LIQUID OXYGEN -
						24,482.40				
1017 AUTO TRUCK GROUP, LLC										
23430		03/18/2021		0321-2	959833	467.59	03/30/2021	INV	PD	#11255-TRUCK PARTS - MAR
24 BERLAND'S INC										
23457		03/25/2021		0321-2	959834	249.99	03/30/2021	INV	PD	#733-MAINT TOOLS - MAR 20
1350 BROADWAY ELECTRIC, INC.										
23458	20200016	02/28/2021		0321-2	959835	60,345.00	03/30/2021	INV	PD	ELECTRICAL POWER DISTRIBU
1160 CHICAGO METROPOLITAN FIRE PREVENTION CO.										
23459		03/17/2021		0321-2	959836	190.00	03/30/2021	INV	PD	#6799-ST CHAS L.S. ANNUAL
23460		03/17/2021		0321-2	959836	190.00	03/30/2021	INV	PD	#6799-VVLS ANNUAL FIRE SY
						380.00				
47 CINTAS CORPORATION #769										
23431		03/22/2021		0321-2	959837	169.90	03/30/2021	INV	PD	#14944758-MAINT SHOP TOWE
50 COMMONWEALTH EDISON COMPANY										
23432		03/12/2021		0321-2	959838	24.64	03/30/2021	INV	PD	#6243526021-SUNNYBROOK EL
1248 CONCENTRIC INTEGRATION										
23462	20210002	03/19/2021		0321-2	959839	21,636.00	03/30/2021	INV	PD	PLC REPLACEMENT PROJECT
23461		03/19/2021		0321-2	959839	256.50	03/30/2021	INV	PD	#202166.00- IT SUPPORT SV

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE	NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						21,892.50				
	1307	CONSERV FS INC								
23433		03/18/2021		0321-2	959840	687.00	03/30/2021	INV	PD	#809450-OPERATONS LAWN SE
	1341	CROWTHER ROOFING & SHEET METAL, INC.								
23463	20200011	02/09/2021		0321-2	959841	9,400.00	03/30/2021	INV	PD	2020 ROOFING CONTRACT
	994	DIRECT ENERGY MARKETING, INC.								
23434		03/18/2021		0321-2	959842	39,733.28	03/30/2021	INV	PD	#1152328-ELECTRIC SVC - F
	86	EESCO, A DIVISION OF WESCO DISTRIBUTION INC								
23487		03/11/2021		0321-2	959843	246.62	03/30/2021	INV	PD	#81393-01-ELECTRICAL PART
23488		03/15/2021		0321-2	959843	1,911.54	03/30/2021	INV	PD	#81393-01-ELECTRICAL PART
						2,158.16				
	1283	FERGUSON ENTERPRISES, INC.								
23435		03/11/2021		0321-2	959844	61.48	03/30/2021	INV	PD	#219910-MAINT SUPPLIES -
	107	GASVODA & ASSOCIATES, INC.								
23464	20200009	03/19/2021		0321-2	959845	88,410.00	03/30/2021	INV	PD	GRIT PUMPS
	297	W.W. GRAINGER, INC.								
23436		03/16/2021		0321-2	959846	79.29	03/30/2021	INV	PD	#801764762-MAINT TOOLS -
23437		03/19/2021		0321-2	959846	9.18	03/30/2021	INV	PD	#801764762-MAINT TOOLS -
23465		03/19/2021		0321-2	959846	101.80	03/30/2021	INV	PD	#801764762-ELECTRICAL SUP
23466		03/24/2021		0321-2	959846	216.60	03/30/2021	INV	PD	#801764762-ELECTRICAL SUP
						406.87				
	119	HACH COMPANY								
23467		03/12/2021		0321-2	959847	428.66	03/30/2021	INV	PD	#071607-ELECTRICAL EQUIP S
	124	HOME DEPOT USA, INC								
23438		02/23/2021		0321-2	959848	332.86	03/30/2021	INV	PD	#7114-MAINT SUPPLIES - FE
	1189	LEAHY-WOLF COMPANY								
23439		03/24/2021		0321-2	959849	17,028.00	03/30/2021	INV	PD	CHP ENGINE OIL-ANNUAL PUR
	157	LEN'S ACE HARDWARE, INC.								
23469		03/02/2021		0321-2	959850	3.34	03/30/2021	INV	PD	#331050-OPERATIONS SUPPLI
23470		03/09/2021		0321-2	959850	26.96	03/30/2021	INV	PD	#331050-OPERATIONS SUPPLI
						30.30				
	171	MCMASTER-CARR SUPPLY CO.								

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23440		03/11/2021		0321-2	959851	16.01 03/30/2021	INV	PD	#7735700-MAINT TOOLS - MA
23441		03/16/2021		0321-2	959851	60.18 03/30/2021	INV	PD	#7735700-MAINT SUPPLIES -
23471		03/23/2021		0321-2	959851	288.28 03/30/2021	INV	PD	#7735700-MAINT SUPPLIES -
						364.47			
1223 CAPITAL ONE NATIONAL ASSN									
23442		03/15/2021		0321-2	959852	22.17 03/30/2021	INV	PD	#535690-MAINT SUPPLIES -
190 SID TOOL CO, INC									
23472		03/25/2021		0321-2	959853	224.10 03/30/2021	INV	PD	#1622985-MAINT TOOLS - MA
209 NCL OF WISCONSIN INC									
23444		03/19/2021		0321-2	959854	779.19 03/30/2021	INV	PD	#17348-LAB SUPPLIES - MAR
23443		03/19/2021		0321-2	959854	885.91 03/30/2021	INV	PD	#17348-LAB SUPPLIES - MAR
23445		03/23/2021		0321-2	959854	26.34 03/30/2021	INV	PD	#17348-LAB SUPPLIES - MAR
						1,691.44			
759 NORTHERN SAFETY CO., INC.									
23473		03/11/2021		0321-2	959855	341.80 03/30/2021	INV	PD	#10970382-LATEX GLOVES -
1087 NOVASPECT, INC.									
23474		03/25/2021		0321-2	959856	2,128.28 03/30/2021	INV	PD	#95376-MAINT TOOLS - MAR
226 PORTER PIPE AND SUPPLY CO									
23449		03/15/2021		0321-2	959857	175.60 03/30/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23448		03/15/2021		0321-2	959857	38.16 03/30/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23450		03/18/2021		0321-2	959857	154.39 03/30/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23451		03/18/2021		0321-2	959857	164.14 03/30/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23475		03/25/2021		0321-2	959857	976.54 03/30/2021	INV	PD	#1823-CRAS PROJECT SUPPLI
						1,508.83			
952 PROGRAM ONE PROFESSIONAL BUILDING SERVICES INC.									
23452		02/28/2021		0321-2	959858	232.00 03/30/2021	INV	PD	QTRLY WINDOW CLEANING-1ST
939 STAPLES CONTRACT & COMMERCIAL INC.									
23476		03/10/2021		0321-2	959859	10.49 03/30/2021	INV	PD	#DET1680518-OFFICE SUPPLI
23477		03/17/2021		0321-2	959859	14.99 03/30/2021	INV	PD	#DET1680518-OFFICE SUPPLI
23478		03/23/2021		0321-2	959859	15.79 03/30/2021	INV	PD	#DET1680518-OFFICE SUPPLI
						41.27			
464 STRAND ASSOCIATES, INC.									
23479	20180005	03/10/2021		0321-2	959860	4,289.37 03/30/2021	INV	PD	ELECTRICAL DESIGN, ENG SV
738 SUBURBAN LABORATORIES, INC.									

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23446		02/04/2021		0321-2	959861	370.50	03/30/2021	INV	PD	#EM LAB TESTING FEES - JA
23447		02/04/2021		0321-2	959861	370.50	03/30/2021	INV	PD	ROTOMETRICS LAB TESTING-J
						741.00				
1271 SYNAGRO-WWT										
23393		02/28/2021		0321-2	959862	19,152.00	03/16/2021	INV	PD	#3430-SLUDGE HAULING - FE
271 TERRACE SUPPLY COMPANY										
23480		03/25/2021		0321-2	959863	229.25	03/30/2021	INV	PD	#315850-MAINT WELDGIN GAS
477 UNITED PARCEL SERVICE, INC										
23481		03/20/2021		0321-2	959864	44.60	03/30/2021	INV	PD	#9YF103- HACH CHEMICAL SH
23482		03/27/2021		0321-2	959864	5.60	03/30/2021	INV	PD	#9YF103-SHIPPING SVCS - M
						50.20				
289 HD SUPPLY FACILITIES MAINT LTD										
23484		03/11/2021		0321-2	959865	162.27	03/30/2021	INV	PD	#222656-LATEX GLOVES - MA
23483		03/11/2021		0321-2	959865	171.90	03/30/2021	INV	PD	#222656-LATEX GLOVES
						334.17				
988 VERIZON WIRELESS SERVICES LLC										
23485		03/18/2021		0321-2	959866	614.42	03/30/2021	INV	PD	#687026363-00001-CELL SVC
630 WATER PRODUCTS OF AURORA										
23453		03/24/2021		0321-2	959867	156.00	03/30/2021	INV	PD	#203278-MAINT SUPPLIES -
199 INVOICES						1,316,909.74				

** END OF REPORT - Generated by Colette Ameche **

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VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1268 JP MORGAN CHASE NA									
2065510		04/05/2021		0421-2	2941	20.00 04/16/2021	DIR	PD	CSWEA - GOVERNMENT AFFAIR
23550		04/05/2021		0421-2	2942	61.13 04/16/2021	DIR	PD	CSWEA - 94TH ANNUAL CONFE
23551		04/05/2021		0421-2	2943	50.00 04/16/2021	DIR	PD	CSWEA - EDUCATIONAL SEMIN
23552		04/05/2021		0421-2	2944	259.00 04/16/2021	DIR	PD	HOME DEPOT.COM - FOG TOOL
1906923		04/05/2021		0421-2	2945	20.00 04/16/2021	DIR	PD	CSWEA - EDUCATIONAL SEMIN
23553		04/05/2021		0421-2	2946	467.59 04/16/2021	DIR	PD	AUTO TRUCK GROUP - REPLAC
23554		04/05/2021		0421-2	2947	-467.59 04/16/2021	CRM	PD	AUTO TRUCK GROUP - REPLAC
1946629		04/05/2021		0421-2	2948	272.16 04/16/2021	DIR	PD	BILT RITE GARAGE DOOR - O
23555		04/05/2021		0421-2	2949	81.83 04/16/2021	DIR	PD	EBAY - GAS TESTING EQPT
1946727		04/05/2021		0421-2	2950	61.13 04/16/2021	DIR	PD	CSWEA - 94TH ANNUAL MEETI
23556		04/05/2021		0421-2	2951	700.00 04/16/2021	DIR	PD	ESRI - GIS SOFTWARE RENEW
23557		04/05/2021		0421-2	2952	12.74 04/16/2021	DIR	PD	ZOOM - MONTHLY VIRTUAL ME
1946532		04/05/2021		0421-2	2953	20.00 04/16/2021	DIR	PD	CSWEA - OPERATOR TRAINING
23558		04/05/2021		0421-2	2954	20.00 04/16/2021	DIR	PD	CSWEA - OPERATOR TRAINING
23559		04/05/2021		0421-2	2955	20.00 04/16/2021	DIR	PD	CSWEA - OPERATOR TRAINING
23560		04/05/2021		0421-2	2956	20.00 04/16/2021	DIR	PD	CSWEA - OPERATOR TRAINING
23561		04/05/2021		0421-2	2957	219.63 04/16/2021	DIR	PD	PTOUCHEDIRECT - ELECTRONIC
23562		04/05/2021		0421-2	2958	81.44 04/16/2021	DIR	PD	AMAZON - ELECTRONICS LABE
23563		04/05/2021		0421-2	2959	15.99 04/16/2021	DIR	PD	AMAZON - ON HOLD MUSIC CD
23564		04/05/2021		0421-2	2960	143.41 04/16/2021	DIR	PD	CARHARTT.COM - JEANS -BRA
23565		04/05/2021		0421-2	2961	45.99 04/16/2021	DIR	PD	AMAZON - TOO KIT - ROMZA
23566		04/05/2021		0421-2	2962	143.41 04/16/2021	DIR	PD	CARHARTT.COM-JEANS BRAGA
23567		04/05/2021		0421-2	2963	-8.44 04/16/2021	CRM	PD	CARHARTT.COM - SALES TAX
23568		04/05/2021		0421-2	2964	45.87 04/16/2021	DIR	PD	RS HUGHES - NOISE CANCELL
23569		04/05/2021		0421-2	2965	-8.44 04/16/2021	CRM	PD	CARHARTT.COM - SALES TAX
23570		04/05/2021		0421-2	2966	89.00 04/16/2021	DIR	PD	AT&T - BACKUP INTERNET

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23571		04/05/2021		0421-2	2967	8.00 04/16/2021	DIR	PD	TAYST.COM- COFFEE SUPPLIE
			293 VILLAGE OF GLEN ELLYN						
1013188		04/13/2021		0421-2	2968	14,184.67 04/30/2021	DIR	PD	MONTHLY IFT TRANSFER APR2
			881 AIRGAS, INC						
23491	20210005	03/31/2021		0421-1	959868	1,500.00 04/14/2021	INV	PD	YEAR 5 OF VAPORIZER LEAST
23489		04/03/2021		0421-1	959868	4,383.30 04/14/2021	INV	PD	#2024961-LIQUID OXYGEN AP
23492		04/10/2021		0421-1	959868	5,424.84 04/14/2021	INV	PD	#2024961-LIQUID OXYGEN -
23490		04/03/2021		0421-1	959868	68.73 04/14/2021	INV	PD	#2024961-ELECTRICAL CALIB
						11,376.87			
			859 ANALYTICAL SOLUTION, INC						
23493		03/29/2021		0421-1	959869	620.00 04/14/2021	INV	PD	METHANE GAS TESTING - MAR
			1303 ARCON ASSOCIATES INC						
23549		01/31/2021		0421-1	959870	15,452.69 04/14/2021	INV	PD	#2033-ROOFIN PROJECT 2020
			1124 BLACK & VEATCH CORPORATION						
23495	20160007	03/25/2021		0421-1	959871	10,027.19 04/14/2021	INV	PD	CONSTRUCTION OVERSIGHT FI
			1349 CAROLLO ENGINEERS, INC						
23496		04/07/2021		0421-1	959872	1,446.00 04/14/2021	INV	PD	PROJ #11983A.00-CONSULTIN
			768 CINTAS FIRST AID & SAFETY						
23497		04/02/2021		0421-1	959873	283.49 04/14/2021	INV	PD	#10127979-FIRST AID SVC -
			1218 COLLEY ELEVATOR CO.						
23498		04/01/2021		0421-1	959874	206.00 04/14/2021	INV	PD	#BE0945-ELEVATOR SVC - AP
			490 COMCAST CABLE COMMUNICATIONS, LLC						
23499		03/25/2021		0421-1	959875	267.20 04/14/2021	INV	PD	#8771200570017919-INTERNE
			86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC						
23548		03/31/2021		0421-1	959876	1,273.44 04/07/2021	INV	PD	#81393-01-ELECTRICAL MOTO
			1209 ENVIRONMENAL SAMPLING SUPPLY, INC.						
23500		03/26/2021		0421-1	959877	113.08 04/14/2021	INV	PD	#1472440-METHANE TESTING
			425 FASTENAL COMPANY						
23501		03/25/2021		0421-1	959878	9.78 04/14/2021	INV	PD	#ILADD0997-MAINT PARTS -
			293 VILLAGE OF GLEN ELLYN						

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23544		04/01/2021		0421-1	959879	665.31 04/07/2021	INV	PD	#610130-GWA WATER USAGE-F
23545		04/01/2021		0421-1	959879	27.90 04/07/2021	INV	PD	#432720-WATER USAGE - JAN
						693.21			
									297 W.W. GRAINGER, INC.
23502		04/08/2021		0421-1	959880	91.08 04/14/2021	INV	PD	#801764762-ELECTRICAL SUP
									743 GROOT, INC
23503		04/01/2021		0421-1	959881	449.51 04/14/2021	INV	PD	#310769434001-REFUSE SVC
									1340 HAUSER IZZO PETRARCA, GLEASON & STILLMAN LLC
23504		04/07/2021		0421-1	959882	782.00 04/14/2021	INV	PD	#G2700-GENERAL LEGALE SVC
									499 HILTI, INC
23505		03/30/2021		0421-1	959883	156.93 04/14/2021	INV	PD	#10810423-MAINT SUPPLIES
									985 HOLSTEINS GARAGE
23506		03/31/2021		0421-1	959884	40.00 04/14/2021	INV	PD	SAFETY LANE INSPECTION-#6
									1147 ILLINOIS AMERICAN WATER COMPANY
23507		03/23/2021		0421-1	959885	137.12 04/14/2021	INV	PD	#1025220008432566-VVLS WA
									754 R. H. JOHNSON OIL COMPANY
23509		02/25/2021		0421-1	959886	808.76 04/14/2021	INV	PD	ST CHAS LS GENERATOR FUEL
23508		02/25/2021		0421-1	959886	271.40 04/14/2021	INV	PD	VVLS GENERATOR FUEL - FEB
						1,080.16			
									185 KONICA MINOLTA BUSINESS SOLUTIONS INC
23510		03/25/2021		0421-1	959887	64.98 04/14/2021	INV	PD	#146316-COPIER USAGE - FE
									295 VILLAGE OF LOMBARD
23546		04/01/2021		0421-1	959888	50.87 04/07/2021	INV	PD	#31774-001- WATER SVC - F
23547		04/01/2021		0421-1	959888	131.69 04/07/2021	INV	PD	#30042-001-CSO WATER USAG
						182.56			
									676 MC CANN INDUSTRIES, INC.
23511		04/07/2021		0421-1	959889	165.89 04/14/2021	INV	PD	#GLENB002-MAINT CONCRETE
23512		04/07/2021		0421-1	959889	82.00 04/14/2021	INV	PD	#GLENB002-MAINT CONCRETE
						247.89			
									171 MCMASTER-CARR SUPPLY CO.
23513		03/26/2021		0421-1	959890	90.41 04/14/2021	INV	PD	#7735700-MAIN SUPPLIES -
23515		04/07/2021		0421-1	959890	91.98 04/14/2021	INV	PD	#7735700-MAINT TOOLS/PAR

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						182.39			
178 MICHAEL'S UNIFORM COMPANY, INC.									
23516		04/02/2021		0421-1	959891	461.45 04/14/2021	INV	PD	UNIFORMS - JEANS - APR 20
188 MOTION INDUSTRIES INC									
23517		03/31/2021		0421-1	959892	758.65 04/14/2021	INV	PD	#80514201-MAINT SUPPLIES
23518		04/05/2021		0421-1	959892	602.17 04/14/2021	INV	PD	#80514201-MAINT SUPPLIES
						1,360.82			
206 NORTHERN ILLINOIS GAS COMPANY									
23519		04/08/2021		0421-1	959893	77.63 04/14/2021	INV	PD	#95412930760-NATURAL GAS
224 POLYDYNE INC									
23520		03/25/2021		0421-1	959894	5,198.00 04/14/2021	INV	PD	#103379- PLANT CHEMICALS-P
23521		03/26/2021		0421-1	959894	5,198.00 04/14/2021	INV	PD	#103379-PLANT CHEMICALS-P
						10,396.00			
226 PORTER PIPE AND SUPPLY CO									
23522		03/30/2021		0421-1	959895	600.21 04/14/2021	INV	PD	#1823-MAINT SUPLIES - MAR
23523		04/05/2021		0421-1	959895	69.54 04/14/2021	INV	PD	#1823-MAINT SUPPLIES - AP
						669.75			
1212 RJN GROUP, INC									
23525	20210006	03/03/2021		0421-1	959896	14,019.00 04/14/2021	INV	PD	YEAR TWO OF FLOW MONITORI
23526	20200015	03/03/2021		0421-1	959896	13,080.00 04/14/2021	INV	PD	HYDRAULIC MODEL
						27,099.00			
246 RYAN HERCO PRODUCTS CORP									
23527		04/01/2021		0421-1	959897	45.12 04/14/2021	INV	PD	#60077-MAINT SUPPLIES - A
23528		04/07/2021		0421-1	959897	45.12 04/14/2021	INV	PD	#60077-MAINT SUPPLIES - A
						90.24			
738 SUBURBAN LABORATORIES, INC.									
23529		03/31/2021		0421-1	959898	1,875.00 04/14/2021	INV	PD	LAB SERVICES - MAR 2021
23531		04/07/2021		0421-1	959898	370.50 04/14/2021	INV	PD	LAB SERVICES - E/M-MAR 20
23532		04/07/2021		0421-1	959898	370.50 04/14/2021	INV	PD	LAB SERVICES - OVERTON GE
						2,616.00			
1271 SYNAGRO-WWT									
23533		03/31/2021		0421-1	959899	20,216.00 04/14/2021	INV	PD	#3430-SLUDGE HAULING - MA
271 TERRACE SUPPLY COMPANY									
23534		03/31/2021		0421-1	959900	53.00 04/14/2021	INV	PD	#315850-WELDING CYLINDER
23537		04/07/2021		0421-1	959900	-71.03 04/07/2021	CRM	PD	#315850-MAINT CYLINDER RE

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23535		04/02/2021		0421-1	959900	156.00 04/14/2021	INV	PD	#315850-MAINT WELDING SUP
23536		04/06/2021		0421-1	959900	219.10 04/14/2021	INV	PD	#315850-MAINT WELDING SUP
23538		04/07/2021		0421-1	959900	15.00 04/07/2021	INV	PD	#315850-MAINT WELDING SUP
						372.07			
1001 TROTTER AND ASSOCIATES, INC.									
23539	20200002	04/07/2021		0421-1	959901	17,227.75 04/07/2021	INV	PD	BIOSOLIDS DEWATERING IMP
1344 VEGA BUILDING MAINTENANCE & SUPPLIES INC									
23541	20210003	04/01/2021		0421-1	959902	1,148.00 04/07/2021	INV	PD	YEAR ONE JANITORIAL SERVI
988 VERIZON WIRELESS SERVICES LLC									
23543		04/01/2021		0421-1	959903	239.00 04/07/2021	INV	PD	#842065533-00001-REMOTE S
1207 1ST AYD CORPORATION									
23572		04/12/2021		0421-2	959904	234.98 04/29/2021	INV	PD	#6307901901-MAINT SUPPLIE
881 AIRGAS, INC									
23573		04/17/2021		0421-2	959905	4,119.91 04/29/2021	INV	PD	#2024961-LIQUID OXYGEN -
23574		04/24/2021		0421-2	959905	8,999.34 04/29/2021	INV	PD	#2024961-LIQUID OXYGEN -
						13,119.25			
1249 AQUAFIX, INC.									
23575		04/20/2021		0421-2	959906	1,657.58 04/29/2021	INV	PD	DEODORIZING CHEMICALS - A
1352 BIO-ONE CHICAGO									
23577		02/20/2021		0421-2	959907	1,025.00 04/29/2021	INV	PD	DISINFECTANT FOGGING-FEB
23576		01/09/2021		0421-2	959907	925.00 04/29/2021	INV	PD	DISINFECTANT FOGGING-JAN
23578		03/27/2021		0421-2	959907	1,025.00 04/29/2021	INV	PD	DISINFECTANT FOGGIN - MAR
						2,975.00			
33 CALCO, LTD.									
23579		04/14/2021		0421-2	959908	147.00 04/29/2021	INV	PD	#8061-MONTHLY CHEMICALS -
819 UNITED COMMUNICATIONS									
23580		04/15/2021		0421-2	959909	1,128.86 04/29/2021	INV	PD	#1209792-PHONE SVC - APR/
1160 CHICAGO METROPOLITAN FIRE PREVENTION CO.									
23581		04/10/2021		0421-2	959910	177.00 04/29/2021	INV	PD	#6799-ALARM MONITORING SV
47 CINTAS CORPORATION #769									
23582		04/19/2021		0421-2	959911	169.90 04/29/2021	INV	PD	#14944758-MAINT SHOP TOWE
50 COMMONWEALTH EDISON COMPANY									

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23583		04/12/2021		0421-2	959912	20.09 04/29/2021	INV	PD	#6243526021-SUNNYBROOK EL
1248 CONCENTRIC INTEGRATION									
23584	20210002	04/22/2021		0421-2	959913	21,636.00 04/29/2021	INV	PD	PLC REPLACEMENT PROJECT
1138 CONSTELLATION ENERGY SERVICES INC									
23585		04/13/2021		0421-2	959914	10,582.74 04/29/2021	INV	PD	#BG-11933-NATURAL GAS USA
23586		04/20/2021		0421-2	959914	13,057.88 04/29/2021	INV	PD	#BG-11933-NATURAL GAS USA
						23,640.62			
994 DIRECT ENERGY MARKETING, INC.									
23587		04/16/2021		0421-2	959915	33,214.94 04/29/2021	INV	PD	#1152328-ELECTRIC USAGE -
74 DREISILKER ELECTRIC MOTORS INC									
23588		04/21/2021		0421-2	959916	4,900.00 04/29/2021	INV	PD	#29445-FOG STATION MOTOR
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC									
23630		04/13/2021		0421-2	959917	269.00 04/29/2021	INV	PD	#81393-01-ELECTRICAL PART
297 W.W. GRAINGER, INC.									
23591		04/15/2021		0421-2	959918	678.00 04/29/2021	INV	PD	#801764762-ELECTRIAL SUPP
23590		04/20/2021		0421-2	959918	52.76 04/29/2021	INV	PD	#801764762-ELECTRICAL SUP
23589		04/22/2021		0421-2	959918	27.93 04/29/2021	INV	PD	#801764762-MAINT SUPPLIES
						758.69			
124 HOME DEPOT USA, INC									
23604		03/22/2021		0421-2	959919	109.00 04/29/2021	INV	PD	#7114-ELECTRICAL TOOLS -
23602		04/08/2021		0421-2	959919	42.31 04/29/2021	INV	PD	#7114-MAINT SUPPLIES - AP
23600		03/19/2021		0421-2	959919	-7.42 04/29/2021	CRM	PD	#7114-MERCHANDISE RETURN
23599		03/18/2021		0421-2	959919	7.42 04/29/2021	INV	PD	#7114-MAINT TOOL - MAR 20
23592		03/17/2021		0421-2	959919	-7.41 03/17/2021	CRM	PD	#7114-RETURNED MERCHANDIS
23597		03/17/2021		0421-2	959919	350.00 03/17/2021	INV	PD	#7114-EQUIP RENTAL DEPOSI
23596		03/17/2021		0421-2	959919	-247.65 03/17/2021	CRM	PD	#7114-REFUND OF EQUIP REN
23601		04/05/2021		0421-2	959919	21.30 04/29/2021	INV	PD	#7114-MAINT SUPPLIES - AP
23595		03/16/2021		0421-2	959919	-262.90 03/16/2021	CRM	PD	#7114-MERCHANDISE RETURN
23603		03/25/2021		0421-2	959919	101.87 04/29/2021	INV	PD	#7114-ELECTRICAL PARTS -
23594		03/15/2021		0421-2	959919	-17.47 03/15/2021	CRM	PD	#7114-MERCHANDISE RETURNE
23593		03/04/2021		0421-2	959919	7.41 03/17/2021	INV	PD	#7114-MAINT SUPPLIES STOR
						96.46			
1278 TYCO FIRE & SECURITY (US) MANAGEMENT, INC.									
23605		04/10/2021		0421-2	959920	142.18 04/29/2021	INV	PD	#1300133259417-ST CHAS LS
23606		04/10/2021		0421-2	959920	138.00 04/29/2021	INV	PD	#1300133268280-GWA ALARM
						280.18			
157 LEN'S ACE HARDWARE, INC.									

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23607		04/15/2021		0421-2	959921	18.37 04/29/2021	INV	PD	#331050-MAINT SUPPLIES -
23608		04/26/2021		0421-2	959921	4.79 04/29/2021	INV	PD	#331050-MAINT SUPPLIES -
						23.16			
1358 LITGEN CONCRETE CUTTING & CORING CO									
23609		04/16/2021		0421-2	959922	350.00 04/29/2021	INV	PD	CORING SERVICES HILL AVE
295 VILLAGE OF LOMBARD									
23628		03/01/2021		0421-2	959923	14.95 04/29/2021	INV	PD	#31774-001-WATER SVC - JA
23629		03/01/2021		0421-2	959923	149.65 04/29/2021	INV	PD	#30042-001-CSO WATER SVC-
						164.60			
171 MCMASTER-CARR SUPPLY CO.									
23610		04/14/2021		0421-2	959924	20.00 04/29/2021	INV	PD	#7735700-MAINT SUPPLIES -
23611		04/15/2021		0421-2	959924	132.14 04/29/2021	INV	PD	#7735700-MAINT SUPPLIES -
23612		04/20/2021		0421-2	959924	79.99 04/29/2021	INV	PD	#7735700-MAINT SUPPLIES -
						232.13			
1223 CAPITAL ONE NATIONAL ASSN									
23613		04/07/2021		0421-2	959925	63.47 04/29/2021	INV	PD	#535690-MAINT SUPPLIES -
23614		04/07/2021		0421-2	959925	10.99 04/29/2021	INV	PD	#535690-MAINT TOOLS - APR
23615		04/19/2021		0421-2	959925	4.40 04/29/2021	INV	PD	#535690-MAINT TOOLS - APR
						78.86			
188 MOTION INDUSTRIES INC									
23632		04/22/2021		0421-2	959926	2,927.93 04/29/2021	INV	PD	#80514201-ELECTRICAL PART
1212 RJN GROUP, INC									
23618	20200015	04/08/2021		0421-2	959927	8,720.00 04/29/2021	INV	PD	HYDRAULIC MODEL
23617	20210006	04/08/2021		0421-2	959927	9,649.00 04/29/2021	INV	PD	YEAR TWO OF FLOW MONITORI
						18,369.00			
464 STRAND ASSOCIATES, INC.									
23624	20180005	04/13/2021		0421-2	959928	3,337.52 04/29/2021	INV	PD	ELECTRICAL DESIGN, ENG SV
738 SUBURBAN LABORATORIES, INC.									
23622		12/23/2020		0421-2	959929	370.50 04/29/2021	INV	PD	TESTING LAB SVCS-EM-DEC 2
23620		04/15/2021		0421-2	959929	370.50 04/29/2021	INV	PD	TESTING LAB SVCS-ROTMETR
23621		04/16/2021		0421-2	959929	370.50 04/29/2021	INV	PD	TESTING LAB SCVS-EM COATI
23619		04/19/2021		0421-2	959929	450.50 04/29/2021	INV	PD	LAB TESTING SVCS - OVERTO
						1,562.00			
289 HD SUPPLY FACILITIES MAINT LTD									
23625		04/02/2021		0421-2	959930	340.13 04/29/2021	INV	PD	#222656-OPERATIONS SAFETY

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
988 VERIZON WIRELESS SERVICES LLC									
23626		04/18/2021		0421-2	959931	484.96 04/29/2021	INV	PD	#687026363-00001-CELL PHO
1049 WEST & SONS TOWING INC									
23631		04/17/2021		0421-2	959932	425.00 04/29/2021	INV	PD	CDL DRIVERS TRAINING-APR
140 INVOICES						276,456.64			

** END OF REPORT - Generated by Colette Ameche **

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VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1268 JP MORGAN CHASE NA									
1946728		05/06/2021		0521-2	2969	12.74 05/31/2021	DIR	PD	ZOOM - MONTHLY MEETING SU
1906924		05/06/2021		0521-2	2970	454.00 05/31/2021	DIR	PD	NORLAB, INC. - DYES FOR W
23697		05/06/2021		0521-2	2971	494.97 05/31/2021	DIR	PD	POWER WASH STORE - POWERW
23698		05/06/2021		0521-2	2972	227.80 05/31/2021	DIR	PD	AERO MIST - DEODORIZING S
1946630		05/06/2021		0521-2	2973	111.55 05/31/2021	DIR	PD	NORTON - SOFTWARE SECURIT
1946813		05/06/2021		0521-2	2974	20.00 05/31/2021	DIR	PD	CSWEA - OPERATIONS SEMINA
1946533		05/06/2021		0521-2	2975	-143.41 05/31/2021	CRM	PD	CARHARTT.COM- RETURN OF M
23699		05/06/2021		0521-2	2976	63.96 05/31/2021	DIR	PD	NORTH TEXAS PPE - FACE MA
23700		05/06/2021		0521-2	2977	63.96 05/31/2021	DIR	PD	NORTH TEXAS PPE - FACE MA
23701		05/06/2021		0521-2	2978	74.00 05/31/2021	DIR	PD	CHICAGO TRIBUNE - QUARTER
23702		05/06/2021		0521-2	2979	20.00 05/31/2021	DIR	PD	CSWEA.ORG - OPERATOR TRAI
23703		05/06/2021		0521-2	2980	199.00 05/31/2021	DIR	PD	NACWA - PRETREATMENT SEMI
23704		05/06/2021		0521-2	2981	40.83 05/31/2021	DIR	PD	JEWEL - BEVERAGES FOR STA
23705		05/06/2021		0521-2	2982	99.95 05/31/2021	DIR	PD	SENDTHISFLILE - ANNUAL SU
23706		05/06/2021		0521-2	2983	120.00 05/31/2021	DIR	PD	COSTCO.COM - MEMBERSHIP R
23707		05/06/2021		0521-2	2984	49.98 05/31/2021	DIR	PD	KEURIG.COM - COFFEE MACHI
23708		05/06/2021		0521-2	2985	320.54 05/31/2021	DIR	PD	KEURIG.COM- NEW COFFEE MA
23709		05/06/2021		0521-2	2986	20.00 05/31/2021	DIR	PD	CSWEA.ORG - OPERATOR TRAI
23710		05/06/2021		0521-2	2987	89.00 05/31/2021	DIR	PD	ATT.COM - BACKUP INTERNET
23711		05/06/2021		0521-2	2988	128.00 05/31/2021	DIR	PD	BARONE'S PIZZA - FOOD FOR
293 VILLAGE OF GLEN ELLYN									
1013189		05/01/2021		0521-2	2989	14,184.67 05/31/2021	DIR	PD	MONTHLY IFT TRANSFER MAY
881 AIRGAS, INC									
23635	20210005	04/30/2021		0521-1	959933	1,500.00 05/14/2021	INV	PD	YEAR 5 OF VAPORIZER LEASI
23633		05/01/2021		0521-1	959933	3,192.25 05/14/2021	INV	PD	#2024961-LIQUID OXYGEN -
23636		05/08/2021		0521-1	959933	6,272.22 05/14/2021	INV	PD	#2024961-LIQUID OXYGEN -
23634		05/01/2021		0521-1	959933	71.74 05/14/2021	INV	PD	#2024961-CALIBRATION GAS

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE	NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						11,036.21				
859 ANALYTICAL SOLUTION, INC										
23637		04/29/2021		0521-1	959934	620.00	05/14/2021	INV	PD	METHANE GAS TESTING - APR
1088 BANNER PERSONNEL SERVICE, INC.										
23638		05/01/2021		0521-1	959935	185.76	05/14/2021	INV	PD	#77006-TEMP SVCS - MAY 20
1350 BROADWAY ELECTRIC, INC.										
23687	20200016	04/30/2021		0521-1	959936	717,165.00	05/14/2021	INV	PD	ELECTRICAL POWER DISTRIBU
819 UNITED COMMUNICATIONS										
23686		05/14/2021		0521-1	959937	1,126.84	05/14/2021	INV	PD	#1209792-PHONE SVC - MAY/
768 CINTAS FIRST AID & SAFETY										
23639		04/30/2021		0521-1	959938	253.20	05/14/2021	INV	PD	#10127979-FIRST AID SVC -
1218 COLLEY ELEVATOR CO.										
23640		05/01/2021		0521-1	959939	206.00	05/14/2021	INV	PD	#BE0945-MONTHLY ELEVATOR
50 COMMONWEALTH EDISON COMPANY										
23688		05/11/2021		0521-1	959940	18.92	05/14/2021	INV	PD	#6243526021-SUNNYBROOK EL
490 COMCAST CABLE COMMUNICATIONS, LLC										
23641		04/25/2021		0521-1	959941	267.31	05/14/2021	INV	PD	#8771200570017919-INTERNE
1138 CONSTELLATION ENERGY SERVICES INC										
23642		04/30/2021		0521-1	959942	7,518.79	05/14/2021	INV	PD	#BG-11933-NATURAL GAS USA
293 VILLAGE OF GLEN ELLYN										
23680		05/01/2021		0521-1	959943	1,019.32	05/14/2021	INV	PD	#610130-WATER SVC - MAR 2
23681		05/01/2021		0521-1	959943	26.41	05/14/2021	INV	PD	#432720-WATER SVC - FEV/M
						1,045.73				
297 W.W. GRAINGER, INC.										
23643		04/28/2021		0521-1	959944	22.24	05/14/2021	INV	PD	#801764762-ELECTRICAL SUP
23644		05/06/2021		0521-1	959944	427.11	05/14/2021	INV	PD	#801764762-EXIT SIGNAGE -
23648		05/10/2021		0521-1	959944	6.45	05/14/2021	INV	PD	#801764762-MAINT SUPPLIES
23647		05/10/2021		0521-1	959944	6.09	05/10/2021	INV	PD	#801764762-MAINT SUPPLIES
23645		05/10/2021		0521-1	959944	-22.24	05/10/2021	CRM	PD	#801764762-RETURNED MERCH
23646		05/10/2021		0521-1	959944	132.00	05/10/2021	INV	PD	#801764762-JANITORIAL SUP
23649		05/11/2021		0521-1	959944	2.44	05/14/2021	INV	PD	#801764762-ELECTRICAL SUP

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE	NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						574.09				
743 GROOT, INC										
23650		05/01/2021		0521-1	959945	533.51	05/14/2021	INV	PD	#310769434001-REFUSE HAUL
119 HACH COMPANY										
23651		05/01/2021		0521-1	959946	6,098.40	05/14/2021	INV	PD	#71607-ANALYZER ANNUAL SV
124 HOME DEPOT USA, INC										
23690		04/21/2021		0521-1	959947	9.09	05/14/2021	INV	PD	#7114-MAINT PARTS - APR 2
23691		04/29/2021		0521-1	959947	50.06	05/14/2021	INV	PD	#7114-ELECTRICAL SUPPLIES
23692		04/14/2021		0521-1	959947	135.93	05/14/2021	INV	PD	#7114-ELECTRICAL SUPPLIES
23689		03/15/2021		0521-1	959947	17.47	05/14/2021	INV	PD	#7114-MAINT SUPPLIES - MA
						212.55				
1147 ILLINOIS AMERICAN WATER COMPANY										
23652		04/27/2021		0521-1	959948	142.82	05/14/2021	INV	PD	#1025220008432566-WATER S
1353 INDEPENDENT MECHANICAL INDUSTRIES, INC.										
23685	20210009	04/30/2021		0521-1	959949	31,545.00	05/14/2021	INV	PD	BIOSOLIDS DEWATERING IMPR
136 JACKSON-HIRSH INC										
23653		04/28/2021		0521-1	959950	56.24	05/14/2021	INV	PD	#9800499-LAMINATING SUPPL
185 KONICA MINOLTA BUSINESS SOLUTIONS INC										
23654		04/25/2021		0521-1	959951	50.06	05/14/2021	INV	PD	#146316-COPIER USAGE - MA
434 LAI, LTD.										
23655		05/04/2021		0521-1	959952	412.00	05/14/2021	INV	PD	#21-1477-MAINT PARTS - MA
517 LIPKE-KENTEX CORP.										
23656		05/06/2021		0521-1	959953	414.09	05/14/2021	INV	PD	LAUNDRY CHEMICALS - MAY 2
295 VILLAGE OF LOMBARD										
23682		05/01/2021		0521-1	959954	14.95	05/14/2021	INV	PD	#30042-001-CSO WATER SVC
23683		05/01/2021		0521-1	959954	16.01	05/14/2021	INV	PD	#31774.001-WATER SVCS - M
						30.96				
171 MCMASTER-CARR SUPPLY CO.										
23657		04/28/2021		0521-1	959955	240.90	05/14/2021	INV	PD	#7735700-MAINT TOOLS - AP
23658		04/29/2021		0521-1	959955	332.22	05/14/2021	INV	PD	#7735700-MAINT PARTS - AP
						573.12				
188 MOTION INDUSTRIES INC										

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23661		03/10/2021		0521-1	959956	589.62 05/14/2021	INV	PD	#80514201-MAINT PARTS - M
23662		05/12/2021		0521-1	959956	10.12 05/14/2021	INV	PD	#80514201-ELECTRICAL PART
						599.74			
	190 SID TOOL CO, INC								
23663		05/07/2021		0521-1	959957	347.35 05/14/2021	INV	PD	#1622985-MAINT TOOLS - MA
	206 NORTHERN ILLINOIS GAS COMPANY								
23693		05/07/2021		0521-1	959958	61.75 05/14/2021	INV	PD	#95412930760-SUNNYBROOK G
	1006 PHENOVA, INC.								
23664		04/27/2021		0521-1	959959	797.76 05/14/2021	INV	PD	#1500788-ANNUAL QC/QA TES
	876 PITNEY BOWES, INC								
23665		05/02/2021		0521-1	959960	180.06 05/14/2021	INV	PD	#16631770-POSTAGE METER R
	226 PORTER PIPE AND SUPPLY CO								
23667		04/29/2021		0521-1	959961	78.19 05/14/2021	INV	PD	#1823-MAINT SUPPLIES - AP
23668		05/07/2021		0521-1	959961	107.62 05/14/2021	INV	PD	#1823-MAINT SUPPLIES - MA
23694		05/12/2021		0521-1	959961	24.34 05/14/2021	INV	PD	#1823-MAINT SUPPLIES - MA
						210.15			
	412 NESTLE WATERS NORTH AMERICA								
23669		05/06/2021		0521-1	959962	82.81 05/14/2021	INV	PD	#8100616302-BOTTLED WATER
	1070 REVERE ELECTRIC SUPPLY								
23670		04/28/2021		0521-1	959963	88.75 05/14/2021	INV	PD	#105806-ELECTRICAL TOOLS
	1212 RJN GROUP, INC								
23672	20210006	05/06/2021		0521-1	959964	9,649.00 05/14/2021	INV	PD	YEAR TWO OF FLOW MONITORI
23671	20200015	05/05/2021		0521-1	959964	2,180.00 05/14/2021	INV	PD	HYDRAULIC MODEL
						11,829.00			
	1346 SEBERT LANDSCAPING								
23673	20210001	04/01/2021		0521-1	959965	3,299.00 05/14/2021	INV	PD	LANDSCAPE MAINTENANCE SER
	1271 SYNAGRO-WWT								
23674		04/30/2021		0521-1	959966	15,428.00 05/14/2021	INV	PD	#3430-SLUDGE HAULING - AP
	271 TERRACE SUPPLY COMPANY								
23675		04/30/2021		0521-1	959967	64.32 05/14/2021	INV	PD	#315850-WELDING GAS CYLIN
	1001 TROTTER AND ASSOCIATES, INC.								

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23695	20200002	04/30/2021		0521-1	959968	12,603.85 05/14/2021	INV	PD	BIOSOLIDS DEWATERING IMP
			289						HD SUPPLY FACILITIES MAINT LTD
23676		04/21/2021		0521-1	959969	411.82 05/14/2021	INV	PD	#222656-OPERATIONS SUPPLI
			1344						VEGA BUILDING MAINTENANCE & SUPPLIES INC
23677	20210003	04/30/2021		0521-1	959970	1,148.00 05/14/2021	INV	PD	YEAR ONE JANITORIAL SERVI
			988						VERIZON WIRELESS SERVICES LLC
23678		05/01/2021		0521-1	959971	249.78 05/14/2021	INV	PD	#842065533-00001-REMOTE S
			1360						VIKING ELECTRIC
23679		04/29/2021		0521-1	959972	246.30 05/14/2021	INV	PD	#V43537-ELECTRICAL SUPPLI
			1359						HUGO VOGELSANG MASCHINENBAU GMBH
23684		04/30/2021		0521-1	959973	2,794.05 05/14/2021	INV	PD	#109551-SPARE PARTS - APR
23696		05/13/2021		0521-1	959973	1,916.05 05/14/2021	INV	PD	#109551-CHP REPLACEMENT M
						4,710.10			
			1296						ADVANCED WEIGHING SYSTEMS INC
23712		05/18/2021		0521-2	959974	245.00 05/28/2021	INV	PD	ANNUAL LAB SCALE CALIBRAT
			881						AIRGAS, INC
23713		05/15/2021		0521-2	959975	4,696.69 05/28/2021	INV	PD	#2024961-LIQUID OXYGEN-MA
			1076						A.A. ANDERSON & CO., INC.
23714		05/20/2021		0521-2	959976	2,081.62 05/28/2021	INV	PD	#101947-MAINT HOSES - MAY
			1349						CAROLLO ENGINEERS, INC
23715		05/24/2021		0521-2	959977	867.60 05/28/2021	INV	PD	#GWA UV STUDY SVCS - APR
			47						CINTAS CORPORATION #769
23716		05/17/2021		0521-2	959978	169.90 05/28/2021	INV	PD	#14944758-MAITN SHOP TOWE
			1248						CONCENTRIC INTEGRATION
23719	20210002	05/21/2021		0521-2	959979	21,636.00 05/28/2021	INV	PD	PLC REPLACEMENT PROJECT
23718		05/20/2021		0521-2	959979	1,376.80 05/28/2021	INV	PD	#200932.00-SOFTWARE LICEN
23717		05/20/2021		0521-2	959979	256.50 05/28/2021	INV	PD	#202166.00-IT SUPPORT T&M
						23,269.30			
			74						DREISILKER ELECTRIC MOTORS INC
23720		05/21/2021		0521-2	959980	160.03 05/28/2021	INV	PD	#294445-ELECTRICAL PARS -

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC										
23740		05/12/2021		0521-2	959981	1,570.00	05/28/2021	INV	PD	#81393-99-ELECTRICAL TOOL
185 KONICA MINOLTA BUSINESS SOLUTIONS INC										
23721		05/10/2021		0521-2	959982	29.18	05/28/2021	INV	PD	#146316-COPIER USAGE - AP
157 LEN'S ACE HARDWARE, INC.										
23722		05/19/2021		0521-2	959983	9.58	05/28/2021	INV	PD	#331050-OPERATIONS SUPPLI
23723		05/20/2021		0521-2	959983	7.63	05/28/2021	INV	PD	#331050-MAINT SUPPLIES -
						17.21				
171 MCMASTER-CARR SUPPLY CO.										
23725		05/11/2021		0521-2	959984	44.30	05/28/2021	INV	PD	#7735700-MAINT SUPPLIES -
23724		05/11/2021		0521-2	959984	119.97	05/28/2021	INV	PD	#7735700-MAINT SUPPLIES -
23726		05/20/2021		0521-2	959984	-119.97	05/20/2021	CRM	PD	#7735700-MERCHANDISE RETU
23727		05/20/2021		0521-2	959984	109.50	05/20/2021	INV	PD	#7735700-MAINT SUPPLIES -
						153.80				
1223 CAPITAL ONE NATIONAL ASSN										
23728		05/13/2021		0521-2	959985	46.64	05/20/2021	INV	PD	#535690-MAINT SUPPLIES -
407 MUNICIPAL INS COOPERATIVE AGENCY										
23659		05/03/2021		0521-2	959986	138,310.00	05/14/2021	INV	PD	GWA LIABILITY INSURANCE P
209 NCL OF WISCONSIN INC										
23729		05/14/2021		0521-2	959987	649.76	05/20/2021	INV	PD	#17348-LAB SUPPLIES - MAY
237 RANDALL PRESSURE SYSTEMS, INC.										
23731		05/23/2021		0521-2	959988	227.20	05/28/2021	INV	PD	#334020-MAINT REPLACEMENT
23730		05/14/2021		0521-2	959988	888.00	05/20/2021	INV	PD	#334020-OPS REPLACEMENT H
						1,115.20				
1346 SEBERT LANDSCAPING										
23732	20210001	05/01/2021		0521-2	959989	3,299.00	05/28/2021	INV	PD	LANDSCAPE MAINTENANCE SER
939 STAPLES CONTRACT & COMMERCIAL INC.										
23733		05/10/2021		0521-2	959990	17.07	05/28/2021	INV	PD	#DET160518-OFFICE SUPPLIE
23734		05/11/2021		0521-2	959990	43.75	05/28/2021	INV	PD	#DET1680518-OFFICE SUPPLI
23735		05/11/2021		0521-2	959990	13.89	05/28/2021	INV	PD	#DET1680518-OFFICE SUPPLI
23736		05/19/2021		0521-2	959990	42.06	05/28/2021	INV	PD	#DET1680518-LUNCHROOM SUP
						116.77				
464 STRAND ASSOCIATES, INC.										

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET DUE DATE	TYPE	STS	INVOICE DESCRIPTION
23737	20180005	05/11/2021		0521-2	959991	5,428.82 05/28/2021	INV	PD	ELECTRICAL DESIGN, ENG SV
			738 SUBURBAN LABORATORIES, INC.						
23738		04/30/2021		0521-2	959992	1,118.00 05/28/2021	INV	PD	LAB SERVICES - MAR 2021
			289 HD SUPPLY FACILITIES MAINT LTD						
23739		05/13/2021		0521-2	959993	91.61 05/28/2021	INV	PD	#222656-LAB SUPPLIES - MA
			988 VERIZON WIRELESS SERVICES LLC						
23741		05/18/2021		0521-2	959994	459.92 05/28/2021	INV	PD	#687026363-00001-CELL SVC
113 INVOICES						1,032,992.73			

** END OF REPORT - Generated by Colette Ameche **

SECTION 5.3

FORKLIFT – SURPLUS EQUIPMENT DECLARATION – AUTHORIZATION FOR SALE

MEMORANDUM

TO: Executive Oversight Committee

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

DATE: June 11, 2021

RE: Declaration of Surplus



At the March 11, 2021 Executive Oversight Committee meeting, the EOC approved the purchase of a new forklift, therefore, the Authority no longer had a use for its oldest forklift and with the same request for the new purchase, a request to declare it's oldest forklift as surplus for the purposes of public auction. EOC members raised concern that the method of requesting approval to declare obsolete equipment as surplus for the purposes of public auction did not fulfill the Authorities legal requirements under municipal law.

Following the March EOC meeting, the Authority inquired further with its legal representation. Since all Authority equipment is titled to the Authority itself, and not the Village of Glen Ellyn, a different method was needed rather than what is used for Village owned equipment. The Authorities legal representation recommended passing an ordinance or resolution to officially declare the equipment as surplus for the purposes of public auction. Since the Authority cannot legally pass ordinances, the Authority's attorney drafted a resolution for the EOC to approve.

Enclosed with this memo is the formal resolution for approval. The Authority respectfully requests that the EOC motion to approve Resolution No. 2021-001, a resolution authorizing the sale of equipment – Forklift Unit 612.

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee

RESOLUTION NO. 2021-001

**A resolution authorizing the
sale of equipment --
Forklift Unit 612**

WHEREAS, the Executive Director has made a recommendation for the disposal of a certain item of equipment owned by the Authority, specifically, Unit 612, a 1998 Daewoo Forklift (“Equipment”);

WHEREAS, pursuant to the Intergovernmental Agreement between the Villages of Glen Ellyn and Lombard in Regard to the Glenbard Wastewater Authority, as amended and restated April 17, 2014 (“IGA”), Section II.C.v, this Committee may authorize the sale of equipment of the Authority which it determines to be obsolete and no longer necessary for the operations of the Authority;

NOW, THEREFORE, Be It Resolved by the Executive Oversight Committee of the Glenbard Wastewater Authority, DuPage County, Illinois, as follows:

Section 1. The recitals above are incorporated herein as findings of the Committee.

Section 2. It is hereby determined that the Equipment, as identified above, is obsolete and no longer necessary for the operation of the Authority.

Section 3. The Executive Director is hereby directed to place the Equipment with the Village of Glen Ellyn for sale at public auction in accordance with the procedures by which the Village conducts such sales.

Section 4. The proceeds of the sale shall be deposited into the Capital Fund of the Authority.

Section 5. All resolutions or orders of the Authority, or parts thereof, in conflict with the provisions of this Resolution are, to the extent of such conflict, hereby repealed.

Section 6. This Resolution shall take effect forthwith upon its approval.

PASSED this 11th day of June, 2021, by the following vote:

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

APPROVED this ____ day of _____, 2021.

**EXECUTIVE OVERSIGHT COMMITTEE OF
GLENBARD WASTEWATER AUTHORITY,
DU PAGE COUNTY, ILLINOIS**

By: _____
Presiding Officer

Attest: _____
Secretary

STATE OF ILLINOIS)
) SS
COUNTY OF DU PAGE)

CERTIFICATION

I, the undersigned, do hereby certify that I am the duly qualified and acting Secretary of the Executive Oversight Committee of the Glenbard Wastewater Authority, DuPage County, Illinois, and that as such official I am the keeper of the records and files of the Board.

I do further certify that the foregoing is a full, true, and complete copy of the resolution adopted by the Committee at a meeting of the Committee held on the 13th day of May, 2021.

I do further certify that the deliberations of the Committee on the adoption of said resolution were conducted openly, that the vote on the adoption of said resolution was taken openly, that said meeting was duly given to all newspapers, radio or television stations and other news media requesting such notice, that said meeting was called and held in strict compliance with the provisions of the Open Meetings Act of the State of Illinois, as amended, and that the Committee has complied with all of the provisions of said Act and with all of the procedural rules of the Authority and the Committee in the conduct of said meeting.

IN WITNESS WHEREOF, I hereunto affix my official signature this ____ day of _____, 20__.

Secretary, Executive Oversight Committee

SECTION 5.4

CHP MEDIA PURCHASE - APPROVAL

MEMORANDUM

TO: Matt Streicher, Executive Director

FROM: Dave Goodalis, Operations Superintendent

DATE: June 11, 2021

RE: CHP Media Purchase



The Operations Department performed a cost comparison for current pricing on media for our Bio-fuel Gas engines. We found three manufacturers that produce the media that we require for our gas conditioning system, this media order is just for the H2S removal, the Siloxane media was just changed out on April 7th.

Company	Cost of the Media
Chemical Products	\$ 20,241.78
Unison Solutions	\$ 23,266.00
Schlumberger	\$ 22,219.56

As there is no specific date when the existing media will reach its useful life, GWA staff is performing in-house testing and monthly gas testing in an effort to better determine how much time we have before the Media expires. Since there is little expiration notice, I prefer to have the media onsite and available to keep the down time of the engines to a minimum.

I recommend that we stay with the Unison media even though the Quote from Chemical Products is lower, the media expected life is only (141 days) we would have to purchase it three times to equal the Unison Media. The Schlumberger expected life is (486 days). We know the expected life of Unison media (450-600) days and it has proven itself in our application, it is not cost effective to go with the other Medias.

In the 2021 GWA budget, staff allocated \$50,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. These quotes are an estimate due to varying shipping quotes at the time depending when we get approval. This purchase is below this budgeted amount.

Date: 05/18/2021

Expires: 06/17/2021

Attn: David Goodalis

Location: Glenbard WWA_Glen Ellyn, IL

Proposal Number: PM-221.1496.1

Proposal Name: H2S removal media & foam pad

Dear David,

Unison Solutions, Inc. is pleased to provide you with the following quote per your request for replacement removal H2S media.

Description	Quantity	Unit Cost	Total
H2S Removal Media			
Unison Part Number UNI-H2SK, 2200 lb bags	17,600.00 lbs.	\$ 1.20 /lb.	\$ 21,120.00
Estimated Shipping	1.00	\$ 490.00	\$ 490.00
122" Diameter Foam Filter (for 10' diameter vessel)	1.00	\$ 1,306.00 each	\$ 1,306.00
Estimated Shipping	1.00	\$ 350.00	\$ 350.00

Shipping costs are very volatile at this time. Actual shipping will be determined at the time of order, but will not exceed the amounts noted above if the P.O. is placed by June 14, 2021.

Grand Total: \$ 23,266.00

MEDIA: PRICING SUMMARY

- Prices do not reflect any taxes that may be applicable and are valid for 30 days.
- Price does not include the following: labor for unloading media from the truck, disposal of spent media or labor for loading new media into vessels.
- Estimated delivery upon order receipt is 7- 21 days depending on the product availability.

PAYMENT SCHEDULE

- 100% upon order acceptance. Net 30 days on all payments.

Thank you for giving Unison Solutions the opportunity to propose our services. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,
Kim Murdock-Timmerman
Unison Solutions, Inc.
563-585-0967

SECTION 6.0

USP ODOR CONTROL SOLUTIONS – 3-YEAR AGREEMENT

MEMORANDUM

TO: Executive Oversight Committee

FROM: Thomas Romza, Assistant Director
Matt Streicher, Executive Director

DATE: June 10, 2021

RE: **Request for Authorization**
USP Technologies 3-Year Contract



In January 2020 the Authority was approached by USP Technologies in regards to chemical additions to the treatment process that could assist with operational aspects of the biological process, such as odor control. Due to the sensitive nature of odors, and the possible avoidance of capital improvements by using chemical systems, the Authority agreed to meet with the company.

USP Technologies is a provider of peroxygen-based technologies and full-service chemical treatment programs for municipal and industrial water and wastewater treatment applications that provide low-risk, value-added solutions to their customers. They have been in business for over 20 years and presently manage over 200 chemical applications that treat close to a cumulative one billion gallons. They provide either turn-key solutions, where they maintain and operate chemical dosing systems, or they can simply be the provider of the materials and technology, which end users could own and operate.

In 2020, the TAC approved a pilot program with USP to provide odor control services to GWA. The EOC was made aware and GWA moved forward with the pilot program. Included in the pilot was installation of peroxide containment, dosing lines, dosing pumps, sensors, communications, project management, and maintenance. The pilot program was successful in reducing odors produced in the treatment process and was evident by a significant decrease in odor complaints during the most odorous season. In a true testament to the products effectiveness, GWA did actually receive compliments from a few neighbors on the minimal odors experienced while the peroxide was being dosed.

GWA would like to continue to use the services offered by USP technologies. A proposal was obtained from USP to provide odor control services for 3 years, starting in June of 2021 and continuing through June of 2024. The proposal is enclosed following this memo. Many of the mobilization fees do not recur for continuing the use of USP Technologies, as they were part of the pilot program, and GWA would simply be charged per gallon of hydrogen peroxide used. GWA did obtain approval from the Village of Glen Ellyn to fill the peroxide tank once already in May of this year at \$13,203, as odors and subsequent complaints began early due to the drought conditions experienced in May. The proposal is in addition to the already purchased \$13,203.

Included in the proposal is the continued use of peroxide containment and dosing equipment, maintenance and management of all the equipment, testing to ensure proper dosing is being completed and is effective, the gallons of peroxide that will be used, peroxide delivery supervision, SCADA integration, emergency response, and any necessary training. In addition, the proposal states that we can cancel at any time, with a 30-day notice to the provider.

GWA has talked with industry peers and experts on GWA's shortlist of consultants in order to understand if there are any other qualified companies that provide the same service that is being proposed by USP. The answer that GWA was met with was no. There are several chemical supply companies that would deliver the peroxide to the plant, but nobody is aware of the "turn-key" professional services that USP provides in addition to the delivery of chemical.

Therefore, due to the professional nature of the services and the lack of other providers, GWA, with the approval from the TAC, is respectfully requesting to waive the competitive bidding process per the purchasing policy C.1.a *Professional Services* and C.1.e. *Single Source Purchases* and is requesting EOC authorize the approval of the USP Technologies proposal of 3-year contract, not-to-exceed amount of \$136,920, at \$4.66 per gallon of peroxide used. This will come out of the budget 270-530440 Chemicals Fund, which has sufficient funds in CY2021, and will be budgeted appropriately for in future years.

June 1, 2021

Glenbard Wastewater Authority
945 Bemis Road
Glen Ellyn IL, 60137
Attn: Thomas Romza, P.E.
Assistant Director/Engineer

RE: USP Technologies Proposal for Full-Service Odor Control Program

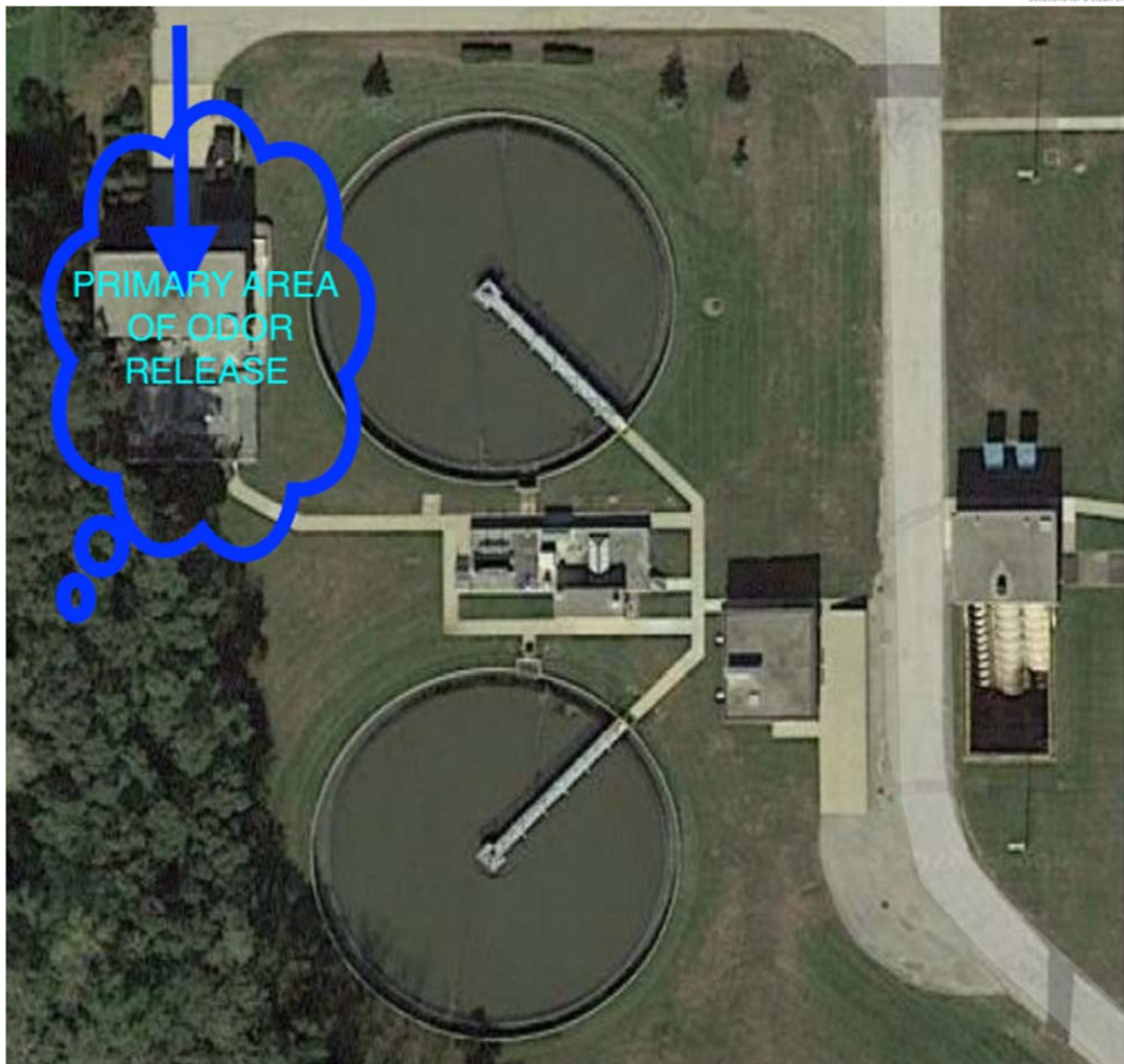
Dear Mr. Romza,

USP Technologies appreciates the opportunity to provide our full-service odor control offering to GBWW for a 3-year term.

USP Technologies is a provider of turnkey chemical solutions in water and wastewater applications. Along with the best fit chemistry for the application, USP provides systems, services and technologies to ensure the desired level of treatment is supported.

For this application, GBWW is looking to control odors at the treatment facility headworks. Under the current scenario, raw wastewater is pumped to the headworks of the facility where it turbulently discharges into the grit chambers.

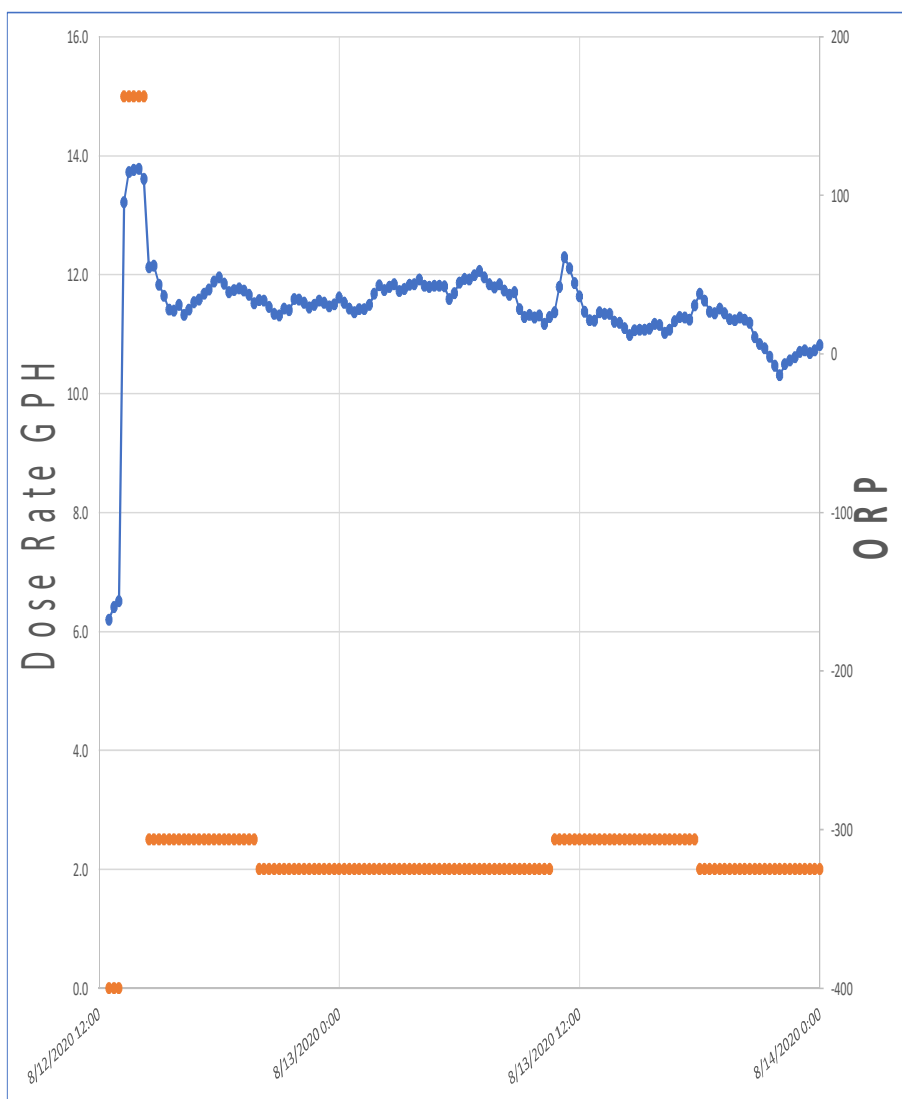




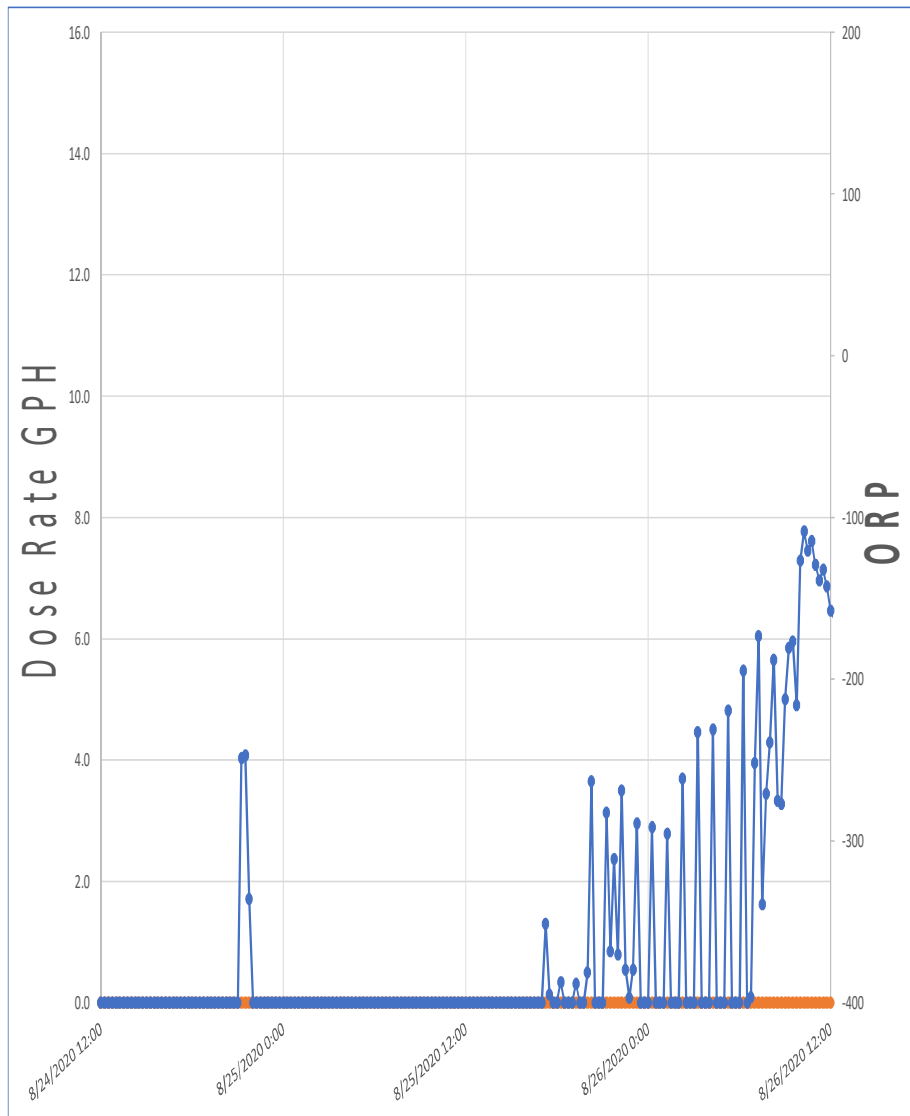
USP conducted a full-scale demonstration program in August 2020 when raw sewage temperature is at the highest and odor potential is the greatest. The full-scale program showed the addition of hydrogen peroxide directly influences the ORP (oxidation reduction potential) of the raw sewage, and by elevating the ORP increases the “freshness” and reduces the odors. ORP is a useful parameter to quantifying the degree of septicity and the resulting intensity of odorants generated under those conditions.

- >50 mV is considered aerobic
- -50 to 50 mV is considered anoxic
- <-50 mV is considered anaerobic, with septicity and its resulting reduced sulfur odorants possible at lower levels

Dose response data showing the ability of peroxide dosing to maintain elevated ORP levels, where the blue line represents ORP and the orange line represents dose rate in gallons per hour.



Data showing ORP levels without peroxide dosing. Note, that bottom range of ORP probe is -400 mV, so all data showing at -400 mV is likely lower.



Note: During the pilot there were times that the data did not correlate clearly – this can be attributed to the fact that flow was being diverted at times due to ongoing upgrades to the plant.

Scope of Services

For the ongoing program, USP Technologies will be providing and maintaining the following inclusive to the cost per gallon of peroxide ordered at GBWWs discretion:

- USP-3000 Double Contained Engineered Storage System (delivery was part of pilot program)
 - Inverse level indication
 - Secondary containment – 110%
 - Venting and pressure relief devices specific to peroxide service
 - Labels and placards compliant with local codes
- 50% hydrogen peroxide delivered via bulk tanker truck of ~2,700 gallons per delivery
- 1 USP LVS series dosing system with dosing range of 0.02 gph to 16 gph (delivery was part of pilot program)
 - USP Technologies will provide a containment for the dosing system (summer 2021)
- Ongoing PM visits by USP technician on required PM schedule:
 - Prior to start-up each season
 - General inspection once per month
- USP Technologies to maintain inventory of spare dosing head kits on site at GBWW and to pump heads to be replaced as required by USP Technologies representative to maintain consistent dosing. If dosing should fail, USP Technologies will dispatch a representative within 1 business day to respond and repair dosing system, **at no additional cost to GBWW.**
- USP application specialist on site to conduct periodic grab sampling at one visit per month – testing will consist of liquid phase sulfide, ORP, pH, and residual H₂O₂. While on site application specialist will confirm calibration of ORP probe and calibrate as required
- USP will provide updated Hydrogen Peroxide Safety Training annually. While GBWW personnel will not be in contact with peroxide it will still be prudent to have updated safety training on peroxide
- USP Technologies representative to schedule, meet, and attend all peroxide deliveries, **after confirmation of delivery need by GBWW.**
- USP to work with GBWW to install/complete connection of 4-20 ma output signals to GBWW SCADA system as discussed
 - USP will maintain and repair any 4-20 ma outputs should the signals be in error or lost.

Glenbard agrees to continue to supply/provide the following:

- Wash down water with hose that can be used for wash-down water in case of chemical spill capable of delivering 0.4 GPM at 30 PSI
- Electrical service of 110 VAC, 60 HZ, 20A
- Access for bulk tanker truck deliveries which will be scheduled at least 1 week in advance with Glenbard personnel and attended by USP personnel
- Eyewash / Safety Shower

Pricing

Outline of pricing detail:

- One-time mobilization and installation fee of \$5,500 (**Already Paid during pilot program of 2020**)
- 50% hydrogen peroxide delivered in bulk deliveries of ~2,700 gallons per delivery **at \$4.66/gallon**
 - Pricing held firm for 1 year, to be from time of initial delivery (~June 2021)
 - Note, GBWW will be billed for actual volume delivered per weight ticket
 - Annual price adjustment based on market conditions not to exceed 4%/year
- Cost to Glenbard not to exceed **\$136,920 over the 3-year contract**
- Contract term for 3-year period between USP Technologies and Glenbard Wastewater Authority
 - For this program, it is expected that peroxide for odor control will be needed during the summer months and into the early fall, as wastewater temperatures remain warm into the early fall
 - 3-year period to start with first delivery following agreement of this contract – expected late June 2021
 - This program can be canceled by either party upon 30-day notification
- Expected dosing to range from 1.5 ppm and up to 3 ppm as wastewater flows and temperatures change
 - Dosing of 1.5 ppm peroxide into 16 MGD = 40 gpd
 - Dosing of 3 ppm peroxide into 16 MGD = 80 gpd

USP Technologies appreciates the opportunity to submit this proposal. If you have any questions or comments, please contact Brady Overton at (903) 239-3419.

Pricing excludes tax (Glenbard is tax exempt), payment terms are net 30 days

We appreciate the opportunity to submit this proposal and look forward to providing Glenbard with a valuable full-service solution. Again, please do not hesitate to contact me with any questions.

Sincerely,

Brady Overton

Technical Sales Manager, Great Lakes Region

USP Technologies

(903) 239-3419 *mobile*

WWW.USPTECHNOLOGIES.COM

The Parties hereto have caused this AGREEMENT to be executed this 10th day of June, 2021:

Accepted By:

USP Technologies

Authorized By:

Glenbard Wastewater Authority

Signed: _____

Signed: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

USP Technologies Sole Source Statement

USP Technologies is unique in that we provide odor control services in a non-capital service-based approach. We are alone in the industry providing Systems, Services, Engineered Equipment, and Proprietary Technologies in a non-capital format. Following are the items unique to our offering:

- This non-capital approach is unique in the industry.
 - Engineered proprietary storage systems designed specifically for safe peroxide storage
 - Dosing system as detailed in our proposal is specifically designed and engineered for safe and effective hydrogen peroxide use.
- Proprietary ChemWatch® ACS monitoring system is also a sole source item as part of our overall offering.
 - With ChemWatch® USP will continuously monitor tank level, pumping operations, leak detection etc. USP is the only provider of the ChemWatch® system.
 - Fully automated and all accessible online as well so adjustments are efficient and timely
- Full Service:
 - System specialist that will conduct PM's for the system and is also on call should there be any issues. Any potential issue will be detected by our ChemWatch® system and corrected in such a way that operation will remain uninterrupted and seamless
 - USP Regional Manager Brady Overton with 20 years odor control applications experience within 3 to 4-hour drive of Glenbard facility. Brady will be responsible for working with Glenbard to optimize dosing rates to achieve desired level of odor / corrosion control at no additional cost. Both seasonal adjustments as well as setting a profile up to match diurnal loading patterns.
- Results Focused:
 - Unlike commodity chemical suppliers, USP is focused on results and not just dosing chemical. We will be monitoring H₂S levels at the control point via Oda-Logs and uploading results in order to optimize dosing. This focus on results rather than simply providing chemical differentiates USP from commodity chemical suppliers.

Provided USP LVS Dosing Module

The LVS dosing system provided by USP Technologies will be enclosed in a lockable, weather resistant, hardcover enclosure. The enclosure is constructed of LDPE, with UV inhibitors and includes an integrated containment sump with leak detection hardware.

The enclosure provides a rigid base with a 10-gallon sump and drain valve, (1) Lift-up front door for easy access. A >300-gallon containment will be provided (summer 2021) under the dosing system. Each month when Joe Weber visits the site he will inspect the containment to confirm it has no peroxide residual in it and once confirmed will empty rain water.

The chemical metering pump is a motor-driven cartridge style Peristaltic style pump. The cartridge is designed specific for service with Flow control (5000:1 with $\pm 1\%$ accuracy) and will be sized accordingly.

Sample Pictures of LVS Dose Module:



USP Provided Storage Tank Specifications:



USP Technologies Hydrogen Peroxide Storage and Feed System General Equipment Specifications

USP Technologies' (USP) modular storage and dosing systems have been specially designed to safely store and dose hydrogen peroxide for waste treatment and chemical process applications. The hydrogen peroxide storage and feed system can be effectively broken down into four categories (storage tank system, piping system, dosing module, and instrumentation & controls) each of which is described below.

Storage Tank System

The tank working capacity ranges from 1100 gallons to 10,500 gallons with specific tanks selected based on usage, space availability, logistics etc. USP will recommend a tank size for each application. Each tank system has integral secondary containment and is designed with a completely sealed containment area. The internal tank is of UV stabilized heavy-duty (16 lbs/gal rating) high-density (1.9 specific gravity) polyethylene (HDPE). The secondary containment (external) tank is of HDPE with UV stabilizers, sized to provide 110% containment capacity, and sealed to the primary tank to prevent seepage of rainwater into the annular space. It has an acrylic window to allow visual inspection of the primary tank and bulkhead fittings (to confirm no leakage has

occurred). Each tank system is built to seismic and wind requirements, and comes equipped with a dedicated passivated stainless steel or aluminum fill line, inspection ports, overflow pipe, breather vents, and relief devices all conforming to nationally-recognized engineering practices, e.g., the Factory Mutual Engineering Corp. (Norwood, MA) - H₂O₂ Loss Prevention Data 12-48/7-84.

Tank

- Double contained storage tanks shall be molded from high-density linear polyethylene. The molding resin used shall be virgin Exxon Chemical Escorene #8660/8661, as compounded by the manufacturer, with the following chemical properties as a minimum.

Property	ASTM Std	Value
Resin Density	D1505	0.938-0.944 g/cc
Tensile Yield Stress	D638	2600 psi
Elongation at Break	D638	350%
ESCR (100% Igepal, Cond. A, F50)	D1693	400-1000 hours
ESCR (10% Igepal, Cond. A, F50)	D1693	200-500 hours
Vicat Softening Temperature	D1525	235°F
Flexural Modulus	D790	97,000-103,000 psi

The inner tank wall thickness shall be rated for 1.9 specific gravity, extra heavy wall, and the overall minimum required wall thickness shall be in accordance with ASTM D1998.

- The outer wall shall contain between 0.25 - 0.50 percent ultraviolet stabilizer that is compounded in the resin. No titanium, or carbon based pigments, shall be used.
- Double contained storage tanks shall be sized with the containment tank providing 110 percent capacity of the primary tank. The containment tank shall be sealed to the outer wall of the primary tank to prevent contamination.
- Tank vents shall comply with CCR, Title 8 for normal venting of atmospheric tanks. Vent devices shall be designed in accordance with hydrogen peroxide industry standards to provide adequate relief in the event of deflagration of the tank contents. Contact USP Equipment and Engineering Services for assistance with sizing relief devices.
- Each tank shall have a dedicated fill line. All nozzles attached to the tanks below the full level of the tanks shall be two-flanged style. The nozzles shall incorporate a passivated Type 316 stainless steel standard flange on each side of the tank wall with gaskets. Gaskets shall be of Viton, or equal cross-linked polyethylene. Bolts made of Type 316 stainless steel shall clamp the two flanges together, clamping the gaskets to the tank wall.
- Proper caution or warning signs as prescribed by CCR, Title 8 shall be affixed to the tank. Said labeling shall be in a manner consistent with local codes.
- Standard tank sizes are 1100, 2100 3000 5000, 6500 and 7800 gallon.

Terms & Conditions:

- Weights. Seller's weights and volumes shall govern, except that in case of proven error adjustment shall be made.

2. **Risk of Loss.** Risk of loss and responsibility for all goods sold or provided hereunder shall pass to Buyer upon Seller's delivery to Buyer.
3. **Warranty & Liability.** Seller warrants that the goods shall conform to Seller's standard specifications in effect at time of shipment. SELLER MAKES NO OTHER WARRANTY, EXPRESS, OR IMPLIED, COVERING THE GOODS AND DISCLAIMS THE IMPLIED WARRANTY OF FITNESS FOR PURPOSE. Upon passage of title to the goods, Buyer assumes all responsibility and liability for and agrees to defend and indemnify Seller against, all claims, loss or damage resulting from Buyer's storage, handling, sale or use of the goods or their containers.
4. **Indemnification.** Buyer shall indemnify, defend and hold Seller harmless from and against that portion of any liability, costs, expense (including without limitation reasonable attorneys' fees and expenses), claim, judgment, settlement or damage (collectively, "Claims") that Seller may incur or be required to pay to any third party (including without limitation any employee of Buyer regardless of whether such employee is barred under applicable law from claiming against Buyer) which is caused or contributed to by any act or omission of Buyer, including without limitation those arising from the negligence of Seller. If Buyer resells the products sold hereunder, Buyer will use its best commercial efforts to obtain from its purchaser an indemnification similar to the foregoing for the benefit of Buyer and Seller.
5. **Damages & Claims.** Seller's liability for damages and remedies against the Seller shall be limited to return of the purchase price of the particular delivery with respect to which such damages are claimed. The foregoing constitutes the exclusive remedy against the Seller and entire liability of the Seller in connection with such delivery and Seller shall not be liable for any incidental or consequential damages. Buyer shall inspect each shipment of goods within a reasonable time after arrival at Buyer's plant, and in any event before use. Failure to make a claim in writing against the Seller within 30 days after arrival of goods at destination shall constitute an irrevocable acceptance of goods. Any action for breach of this contract must be commenced within one year after the cause of action has accrued.
6. **Default or Waiver.** If Buyer fails to perform any of the terms of this contract, Seller may defer shipments until such failure is made good or may treat such failure as final refusal to accept further shipments and may cancel this contract. A Seller may terminate this contract if Buyer becomes insolvent. This contract shall automatically terminate in the event Buyer assigns his property for the benefit of creditors or is adjudicated a bankrupt. Either party's waiver of such party's rights thereafter to enforce and compel strict compliance with conditions of this contract, at any time, shall not in any way affect, limit, or waive such party's right thereafter to enforce and compel strict compliance with every term and condition of the contract.
7. **Excuses for Nonperformance.** Seller shall have no liability for any delay or failure in performance hereunder, in whole or in part, if such delay or failure arises from (i) compliance in good faith with any foreign or domestic governmental regulation or order, whether or not later shown invalid or inapplicable; (ii) the occurrence of any contingency the nonoccurrence of which was a basic assumption at the time this contract was made, including without limitation acts of God, fire, flood, accident, riot, war, terrorism, sabotage, strike, lock-out, labor trouble or shortage, breakdown or failure of equipment, or embargo; (iii) Seller's inability to obtain any required product, material, energy source, equipment, labor, or transportation at prices and on terms deemed by Seller to be acceptable; (iv) Seller's incurring increased costs for compliance with environmental protection, health or safety regulations; or (v) any other event or occurrence not within the reasonable control of Seller. If any such circumstances affect only a part of Seller's capacity to perform, Seller may allocate products, services and deliveries among its customers and its own requirements as Seller may determine in its sole discretion. Quantities affected by this paragraph may, at the option of either party, be eliminated from the contract without liability, but the contract shall remain otherwise unaffected.
8. **Assignability & Continuity.** The Buyer shall not assign this contract or any right or obligation under this contract without Seller's prior, written approval; however, this contract shall be binding upon and inure to the benefit of any actual or purported successors of the parties hereto.
9. **Surcharges.** Notwithstanding anything in this Contract to the contrary, Seller reserves the right to impose a special temporary surcharge in the event of any increase in the price of energy or any other raw material that is reasonably likely to have a material impact on Seller's overall costs of Products and Services, or is imposed on Seller by its material or services providers. The amount of such surcharge will be limited to that required to negate the increase in Seller's costs resulting from such increases. Seller shall give Buyer written notice at least ten (10) business days prior to imposing any such surcharge and shall reduce or remove such surcharge at such time as the price of energy or raw materials return to levels which no longer justify such increase.
10. **Equipment.** Where Buyer's program includes the provision of Equipment, the following shall apply: (a) *Ownership:* Unless and until such time Buyer pays for Equipment in full, any Equipment provided hereunder shall remain the sole and exclusive personal property of Seller even though Buyer may attach Equipment to realty. Seller may cause such Equipment to be marked to indicate Seller's ownership. Buyer agrees to cooperate in the filing of any necessary financing statements to protect Seller's interests; (b) *Use:* Equipment shall be used only in conjunction with the prescribed use of Seller Products and Buyer agrees not to introduce any other material into the Equipment; (c) *Buyer Facility:* Buyer shall install and provide necessary utilities as specified by Seller for the term of this Agreement and, in addition, will provide Equipment with shelter, tank pads, spill protection and foundations as appropriate. Buyer shall receive, unload, and place Equipment at no cost to Seller; (d) *Maintenance and Consumables:* Seller shall be responsible for all routine maintenance, within the scope of the applicable Equipment warranty, and Buyer shall be responsible for purchasing all consumables in connection with the use of the Equipment; and (e) *Risk of Loss:* Customer agrees to assume all risk of loss arising from or pertaining to the possession, operation, or use of such Equipment. Buyer shall obtain and maintain for the term of this Agreement property damage and liability insurance sufficient to cover loss or damage to the Equipment including, without limitation, loss by fire (including so-called extended coverage) and such other risks of loss as are customarily insured against for the businesses in which Customer is engaged.
11. **Patents.** Seller represents that to the best of its knowledge, the sale and/or use by Buyer of goods in the form sold hereunder will not infringe any composition of matter claims in any adversely held U.S. Patent claiming the goods per se, but in the event that it is alleged that such sale and/or use constitutes infringement of such Patent, then Seller's liability to the Buyer shall (i) be limited to the defense of such infringement actions and the payment of damages awarded therefor by a court of competent jurisdiction from which no appeal is or can be taken, and (ii) arise only if Buyer promptly gives Seller written notice of such claim and full authority, information and assistance for the defense of such claim. Seller's warranty as

to use patents only applies to infringement arising solely out of the use of the goods according to their applications as envisioned by Seller's specifications. In no event shall Seller be liable for any infringement or alleged infringement arising from or caused or alleged to be caused by Buyer's combination of the goods supplied hereunder with other goods in any fashion not specifically recommended by Seller or by use of the goods in any process not specifically provided or recommended by Seller and is provided on the condition that the Buyer is likewise responsible for and will defend, indemnify and hold harmless the Seller against all losses, claims, expenses or damages which may result from the misuse or misapplication of any goods or services by the Buyer or any third party affiliated or in privity with Buyer. The foregoing states the entire liability of the Seller with respect to patent infringement by said goods. Seller reserves the right to suspend deliveries hereunder, or to terminate this contract, if the Seller believes that the manufacture and/or sale by the Seller, or the sale and/or use by the Buyer, of any goods sold hereunder infringes on any U.S. PATENT.

12. Applicable Law – Entirety. The construction, performance and completion of this contract shall be governed by the law of the state of Delaware. This contract is intended by the parties as the final expression of their agreement and is the complete and exclusive statement of the terms thereof, notwithstanding any oral representations or statements to the contrary heretofore made. No modification or release shall be effective unless in writing, signed by both parties, and specifically stating it is such modification or release.
13. Termination. If pursuant to any Federal, State or local law, regulation or ordinance Seller is required to install any additional equipment or facilities, in order to comply with governmental standards and if the cost of such installation, in Sellers opinion, makes it uneconomic to Seller to continue production of the goods, Seller may terminate this contract on 30 days prior written notice to buyer.
14. Acceptance. All sales and purchases of products hereunder are limited to and conditional on Buyer's acceptance of these standard terms and conditions. Seller objects to and rejects any terms and conditions that may be proposed by Buyer which are in addition to or different from these standard terms and conditions. No modification of this contract shall be effected by the acknowledgment or acceptance of purchase order forms containing different or additional terms or conditions.

SECTION 7.0

COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM UPGRADE - APPROVAL

MEMORANDUM

TO: Matt Streicher, Executive Director
Tom Romza, Assistant Executive Director/ Engineer

FROM: Jon Braga, Maintenance Superintendent

DATE: June 10, 2021

RE: **Computerized Maintenance Management System Upgrade**



In August of 2002, the EOC approved the purchase of *Maximo*, a computerized maintenance management system (CMMS). This software identified, categorized and named all the Authority's assets. While not only organizing assets, Maximo provided a platform for work to be conducted and recorded. Work orders would now drive day to day maintenance. Preventative maintenance (PM) increased equipment reliability and performance while corrective maintenance (CM) is used as a tracking method and a tool in budget planning for future maintenance work.

Fast forward to 2021, GWA has gone through multiple Maximo software updates, changing the look, but not the core capabilities. Over the 19-year span use of the software, these capabilities have become outdated, and now can be seen as limiting staff productivity and efficiency. Through collaboration between departments and investigation, GWA staff identified an upgrade to be necessary to better utilize resources.

Phase I for the upgrade was to obtain a list of potential software's that could be evaluated to identify a CMMS that worked for GWA's current and future needs. A survey was conducted through the Illinois Association of Wastewater Agencies (IAWA) revealing what other treatment facilities were using. Over 20 responses from local wastewater plants were received. Staff then created a list of requirements for the new platform to use while interviewing potential software providers.

Phase II conducted a series of demonstrations and interviews. GWA staff was able to trial many software systems, getting a feel for the capabilities of the software, and how the human interface handled. For software that was unable to be trialed, a video conference with a complete demonstration was conducted. This process narrowed the list down to two applicable CMMS's. A list of all software systems included in phase II is attached. IBM's *Maximo* and CMMS Data Group's *MVP Plant* were the two software systems identified to fit all the needs GWA identified. Quotes were obtained from both IBM and MVP Plant. Pricing is provided below:

CMMS Software	Annual Subscription	Data Migration Fee	Total for 2021
Maximo	7-concurrent users \$47,900	\$73,000	\$120,900
MVP Plant	3-concurrent/10-mobile \$18,000	\$11,165	\$47,065*

*training and travel not listed in table.

MVP Plant, which is provided by the CMMS Data Group, was found to meet all of GWA's expectations. Listing a few,

- Smoother work flow
- Mobile solutions
- Financials/ Budgeting assistance
- Inventory
- Asset pictures and O&M attachment

Phase III of the CMMS project includes not only the purchase of the software, but also the implementation and cloud-based hosting of the software. In that regard, the selection committee recommends that CMMS Data Group be retained to provide the implementation services for the MVP Plant platform, including system configuration, data population, guidance and training at a total cost of \$47,065.00. An \$18,000 subscription fee shall be required to maintain the current version of the software while also providing technical support. This will be incorporated into future years budgets, and will replace the existing annual subscription fee for the existing CMMS software.

The GWA selection committee recommends the EOC authorize the Authority to approve the purchase of ***MVP Plant and associated professional services*** from CMMS Data Group of Chicago, IL in the amount of \$47,065.00 as part of Phase III of the Computerized Maintenance Management System Upgrade Project with the amount expensed to Capital budget account number 40-580120. The TAC is an agreement with this recommendation based on a professional services approach.

Attachments

Potential Maintenance Management Systems:

1. MVP Plant
2. IBM Maximo
3. Up Keep
4. Mainsaver
5. Maintenance Connection
6. iMaint
7. Llumin
8. MPulse
9. FIIX
10. OpsWorks Maintenance
11. Antero
12. Assetworks
13. Job Cal
14. Lucity
15. MP2
16. Cartegraph

SECTION 8.0

DISCUSSION

SECTION 8.1

CAPITAL IMPROVEMENT PROJECTS UPDATE

CAPITAL IMPROVEMENTS PROJECT UPDATE



- FACILITIES IMPROVEMENT PROJECT (FIP)
 - MEDIUM VOLTAGE ELECTRICAL GRID REPLACEMENT
 - BIOSOLIDS DEWATERING IMPROVEMENT PROJECT (BDIP)
 - PLC REPLACEMENT
-

FIP



Almost Done!

- Not submitting final payment until
 - ~~O and M submittals are complete~~
 - Leaking (weeping) in low flow basement is stopped





MEDIUM VOLTAGE ELECTRIC GRID

Construction is progressing

- Installing concrete encased conduit from West side to East
 - 70% complete
- Installed most of the new light poles
 - LED – Energy savings

Currently behind schedule by 6 weeks due to weather (snow), unknown underground conflicts, and equipment lead time

- Remaining work – duct bank, transformers, switches, wire pulls, energizing, testing, site restoration
- Working with contractor to overlap tasks, increase hours worked per day, route duct runs efficiently, increase work force, etc...

CHANGE ORDERS

- Many “nickel and dime” change orders for unknown utilities
- \$63,252 for increase in PVC prices





BDIP

Contractor/Engineer have been working on submittals

Building Permit hang up

- Fire alarm/suppression



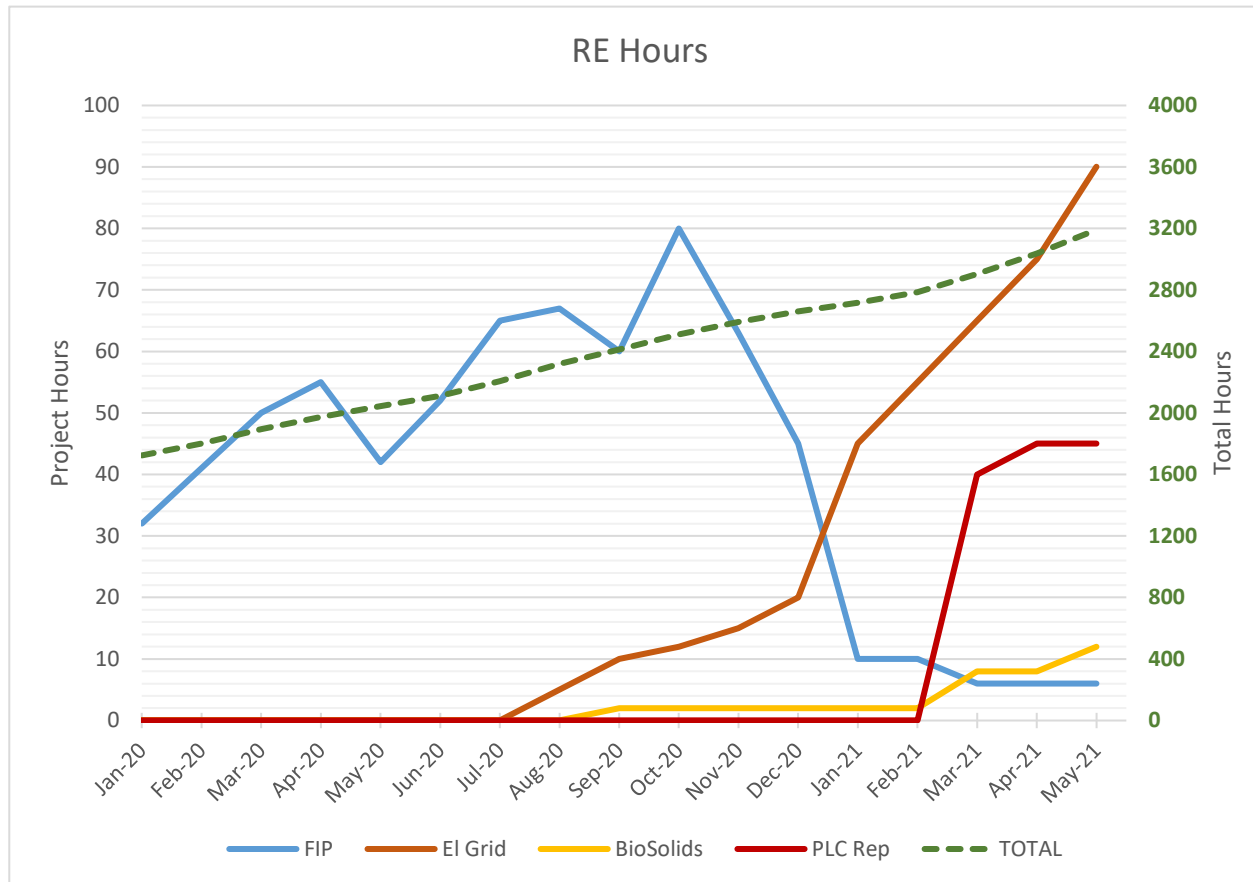
PLC REPLACEMENT

Rick Freeman has been working with Concentric to replace all PLCs on plant site

Only 1 remaining, which is the biggest and most complicated

- should be completed in the next couple of weeks

RE TRACKING



SECTION 8.2

ELECTRICITY PROCUREMENT UPDATE

SECTION 8.3

FLOW SPLIT MEMO

MEMORANDUM

TO: Glenbard Wastewater Authority TAC

FROM: Tom Romza, Assistant Director
Matt Streicher, Executive Director

DATE: 3/8/2021

RE: GWA Billing Flow Split



In early 2021, Authority management noticed that the flow data received from RJN Group has started to shift away from the previous (and assumed correct) 60-40 flow split between Lombard and Glen Ellyn. The Authority proceeded to look into the monthly submittals from RJN and noticed that there were some months (mainly May of 2020) where the flow split had less of a majority weighted towards Lombard, despite significant amounts of rain and the fact that Lombard has areas of combined sewer systems. At this point, Assistant Director Tom Romza began to investigate further, given his extensive background in flow metering.

QUESTION: Is the RJN collected meter data accurate in depicting the flow split between Lombard and Glen Ellyn.

ASSUMPTIONS: Based on population given from DuPage County Village Boundary GIS, the population breakdown is as follows:

- Lombard: 52,004 or 58.5%
- Glen Ellyn: 36,832 or 41.5%

Given the population numbers and the areas of combined sewer systems in Lombard, GWA had assumed that the flow split should be in the realm of 60% Lombard and 40% Glen Ellyn. It is known that there are other factors that contribute to each Village's tributary flow, such as industrial and commercial areas, however the population breakdown provides a starting point for data accuracy investigation.

FINDINGS: Tom started to investigate the Flow Meter data, meter locations, and tributary populations to see if the RJN calculated flow split was indeed correct, or if there were meter data errors that led to the divergence from the 60-40 split.

Flow Meter Data: Much of the data was accurate, with notable exceptions of Hill Ave, Central Lombard, and L-22S. These meters had data drop outs (missing data due to sensor faults) and significant deviations when compared to previous years. RJN Group has been tasked to update this data and provide a summary of changes.

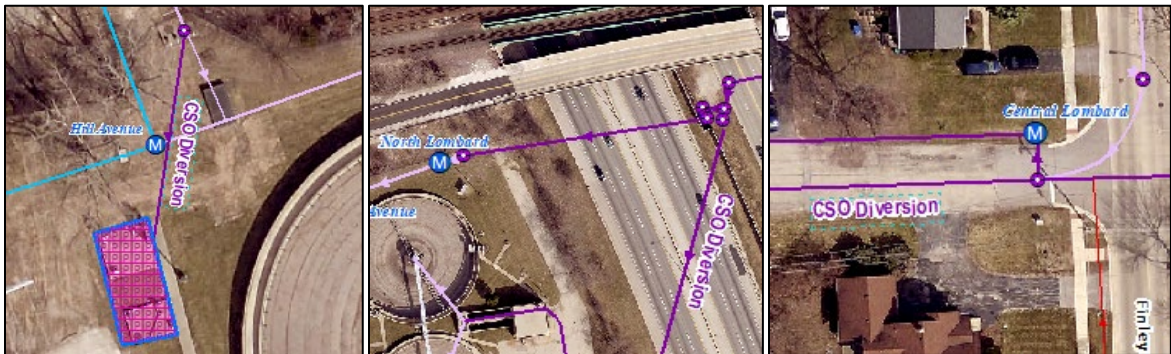
Meter Locations: There were two issues found when investigating meter locations.

- 1) The Hill Ave meter is located on the incorrect line. Instead of measuring the tributary flow of a portion of Lombard north of St. Charles Rd ("Hill Avenue Basin"), this meter is measuring flow from the St. Charles Lift Station (combination of "North Glen Ellyn" and "DuPage County")

basins). This is an issue because the Hill Ave meter has been part of Lombard's calculated flow for the split for many years and this meter is actually measuring flow tributary to Glen Ellyn and DuPage County, who is billed through Glen Ellyn. In addition, the current location is redundant in that there are two meters and a lift station magnetic meter that already measure this St Charles lift station flow. In order to understand the impacts of the meter being on the incorrect sewer, the LNRI meter can be used to recalculate the flow data from the northern Lombard area and will be explained in the conclusions. The Hill Ave meter has been in the incorrect location for as long as GWA has records of its data (20+ years).



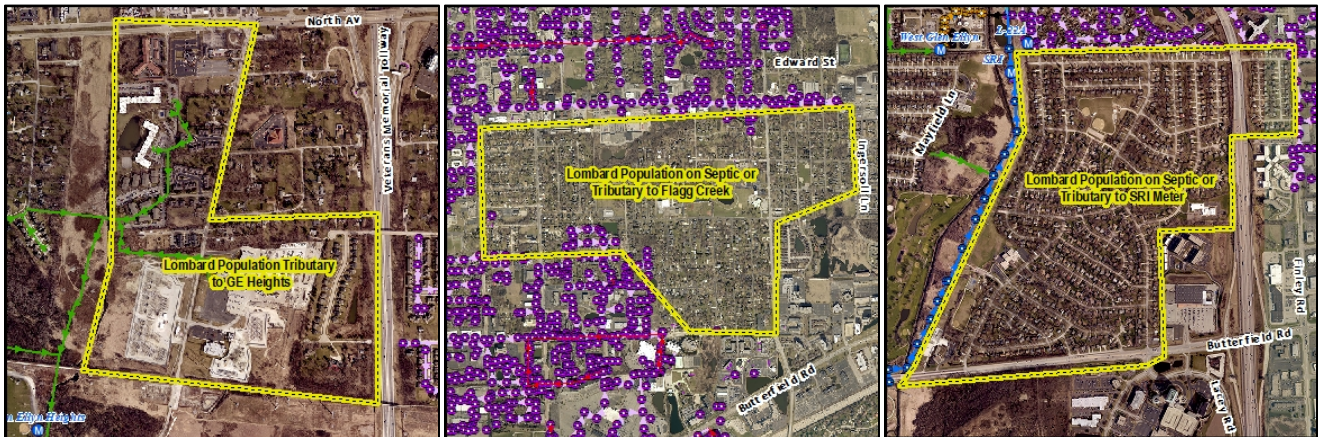
- 2) The flow that is diverted to the Lombard CSO Treatment Plant during wet-weather events to be treated and discharged to the DuPage River, is not measured through any of the open-channel flow meters. The diversion structures that activate above certain flow rates are all upstream of the meter locations, meaning that the flow that is pumped through the CSO Plant is not included in the Flow Split Calculation. This is a significant amount of flow when there is precipitation which, by being excluded, significantly lowers Lombard's contribution to the flow split. However, this flow is measured by a magnetic meter as it is pumped through the CSO plant and its influence on the flow split after being included is explained in the conclusions.



- 3) The new Hill Ave meter location can be one of two spots, in a location to include flow that ends up going to the CSO Plant (option 1), or in a location similar to the others meters that

excludes the flow that goes to the CSO plant (option 2). This will be discussed further in the recommendations.

Tributary Populations: The assumption that Lombard has about 60% of the GWA tributary population and Glen Ellyn has about 40% of the GWA tributary population was really the driving force behind this initial investigation. When using GIS and the census data to fully identify residential areas in both Lombard and Glen Ellyn that are tributary to the treatment plant, excluding areas of known septic housing, it was found that Lombard has a tributary population of about 44,000 while Glen Ellyn has a tributary population of about 38,000. These numbers are significantly different than the County information of 52,000 and 37,000, respectively, and yield a 53.6% Lombard to 46.4% Glen Ellyn tributary population distribution. The difference from the county number is due to septic residents, an area of Lombard's population going to Flagg Creek Treatment Plant (~2,400), a portion of unincorporated Lombard that is in the SRI Meter basin which is considered a Glen Ellyn meter (due to being served by Illinois American Water) according to the flow split (~2,390), and a portion of Lombard that is tributary to the GE Heights meter (due to being served by DuPage County Public Works) basin which is also considered a Glen Ellyn meter (~1,377).

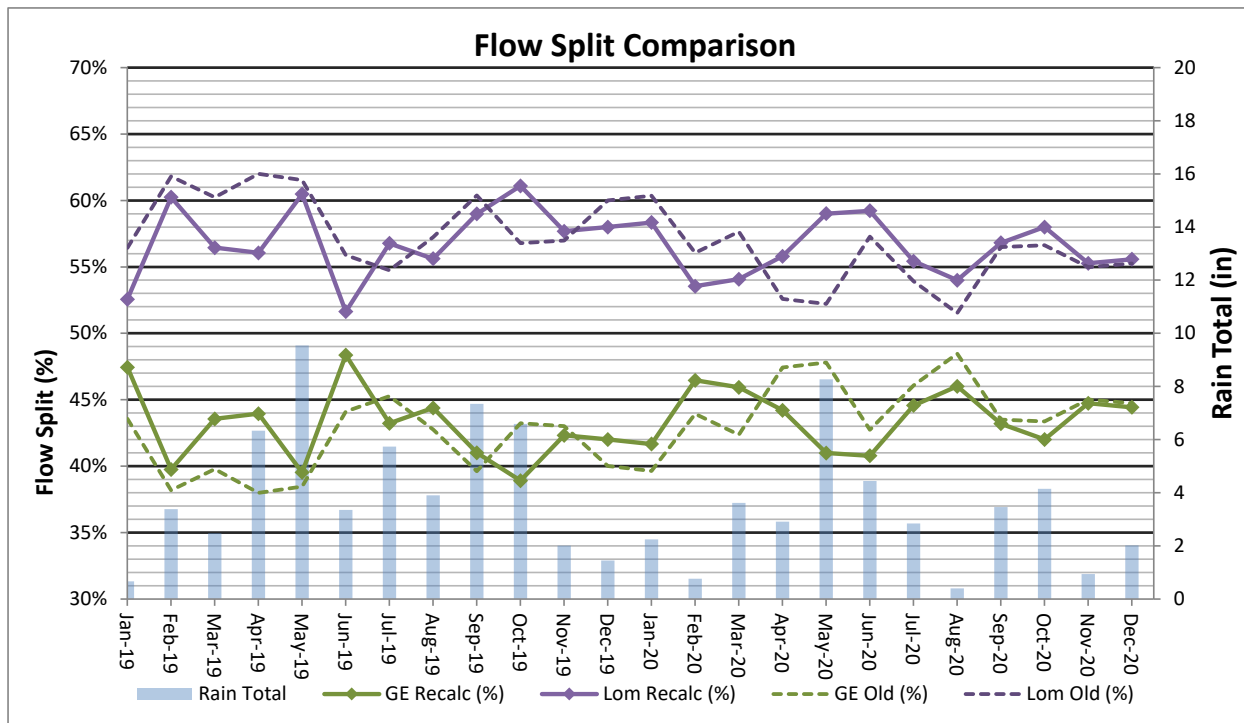


CONCLUSIONS: The Flow Meter data that RJN has corrected (meters Central Lombard and L22S) was incorporated into the recalculation of the flow split. The corrected data increased the central Lombard basin most significantly, and lowered the L-22S basin during some months, while increasing it during other months.

The Hill Ave basin data was recalculated based on LNRI meter; because the Hill Ave meter was reading in such error, the flow was actually lowered quite a bit when considering the corrected flow vs. the error flow. GWA would like to move the meter to the correct location to avoid any confusion going forward.

The flow data that went through the CSO plant was incorporated into the flow split, and it can very clearly be seen that this affects the split particularly during months with significant precipitation, as shown in the following graph.

GWA recalculated the flow split with the RJN corrected flow data, the correct Hill Ave basin data, and the CSO flow included for 2019 and 2020. These two years were chosen for recalculation because 2019 was one of the heavier precipitation years in recent history, while 2020 was one of the lighter precipitation years.



Overall, it seems that error in data and the addition of CSO to the flow split has cancelled each other out. When re-calculating the rolling 5-year average flow split with the past 2-years having corrected/recalculated data, the flow split has largely stayed the same. In the following tables, the 5-year averages for each month can be compared between the old data and new data.

Over the past 2-3 years the corrected data confirms the new understanding that the population breakdown is not quite a 60-40 percent split (Lombard-Glen Ellyn). Once some of the years where RJN was phasing out ADS calibrations (2016, 2017, and parts of 2018) get taken out of the 5-year averaging, it is predicted that a 57-43 percent flow split will start to be observed.

RECALCULATED ROLLING 5-YEAR AVE FLOW SPLIT					ORIGINAL ROLLING 5-YEAR AVE FLOW SPLIT				
Month	Glen Ellyn		Lombard		Month	Glen Ellyn		Lombard	
	5-Year Ave Gallons (in 000's)	Percent	5-Year Ave Gallons (in 000's)	Percent		5-Year Ave Gallons (in 000's)	Percent	5-Year Ave Gallons (in 000's)	Percent
January	158,770	41.1%	227,094	58.9%	January	157,049	40.1%	234,518	59.9%
February	156,310	41.0%	224,800	59.0%	February	153,764	40.3%	228,229	59.7%
March	167,052	41.2%	238,380	58.8%	March	164,480	39.8%	248,300	60.2%
April	178,434	41.8%	248,103	58.2%	April	174,397	41.1%	250,108	58.9%
May	247,567	40.3%	366,064	59.7%	May	244,278	41.6%	343,574	58.4%
June	147,170	41.5%	207,809	58.5%	June	145,741	41.1%	209,067	58.9%
July	120,255	41.4%	169,953	58.6%	July	118,979	42.0%	164,042	58.0%
August	105,578	41.1%	151,307	58.9%	August	104,064	41.1%	149,284	58.9%
September	103,997	40.6%	152,083	59.4%	September	102,340	40.3%	151,465	59.7%
October	148,770	37.7%	245,853	62.3%	October	146,619	38.8%	231,663	61.2%
November	128,326	41.1%	183,949	58.9%	November	126,624	41.3%	180,234	58.7%
December	133,952	41.7%	187,099	58.3%	December	132,573	41.4%	187,850	58.6%
AVERAGE	1,796,179	40.8%	2,602,494	59.2%	AVERAGE	1,770,908	40.7%	2,578,333	59.3%

RECOMMENDATIONS:

- Include the CSO flow into the flow split equation. This would represent each Village's true costs more accurately. If this is not done, the corrected data will be significantly different from the older data, which will likely introduce payback/credit to one of the Villages.
 - o This also affects the location of the Hill Ave meter. Option 1 would be the chosen location should we not include CSO flow into the flow split, Option 2 if we chose to include the CSO flow into the flow split. [MS1][TR2]GWA recommends installing the Hill Ave meter in the Option 2 location in order to maintain the consistency of only totalizing the CSO flow at the CSO Plant. If the Option 1 location was chosen, the flow going to CSO at this particular diversion would be double counted when including the CSO flow into the flow split equation. The Option 1 location for the Hill Ave meter is only recommended if the CSO flow is not incorporated into the flow split.
- Relocate Hill Ave flow meter to Option 2 location as described above.
- Only use corrected flow data moving forward, do not go back to and recalculate flows incorporating CSO flow/corrected flow meter data. There will not be significant changes in past data that will result in credits/debits to either Village.
- GWA to evaluate the meter locations and whether some of the meters are redundant or not needed in the next round of contracted metering (2023-2025).

SECTION 8.4

PROPERTY ACQUISITION - DISCUSSION

MEMORANDUM

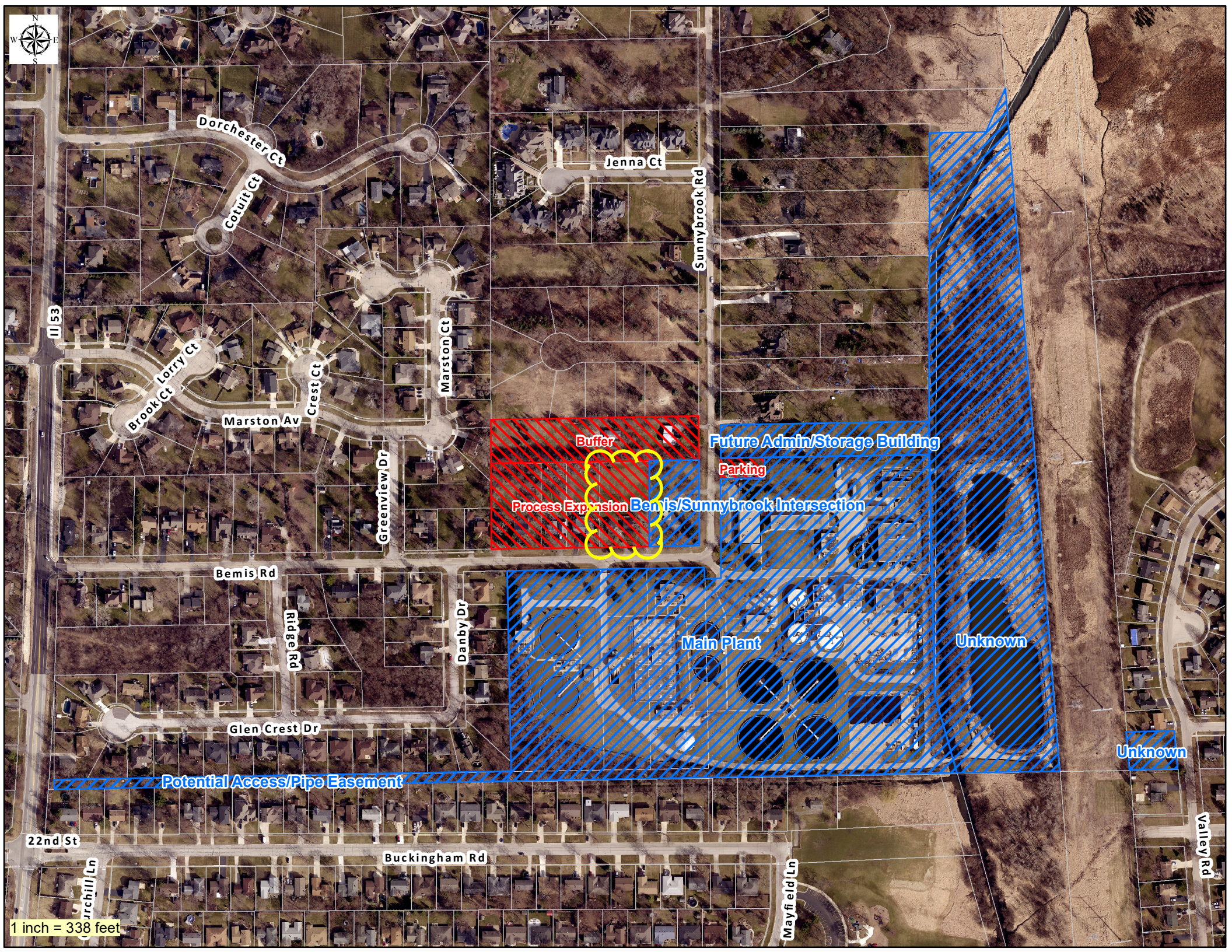
TO: Executive Oversight Committee
FROM: Matt Streicher, P.E. BCEE, Executive Director
DATE: June 11, 2021
RE: 21W534 Bemis Road Property Acquisition Discussion



The property owner of 21W534 Bemis Road in Glen Ellyn approached the Authority to gauge its interest in purchasing the property, which is adjacent to the plant itself. The property owner's proposal was for the Authority to purchase the property, while he would remain a tenant for approximately one year's period, and pay rent to the Authority.

The parcel can be seen in the enclosed future land use plan circled in yellow. As demonstrated, the parcel is part of the Authority's long term future land use plan, as it would be a valuable location for the plant expansion when the conversion to biological nutrient removal is necessary. However, the acquisition of this property would ultimately be at the direction of the EOC.

It would be the Authority's recommendation to obtain a property appraisal, begin discussions with the property owner, and follow up with the EOC in a closed session meeting at a later date. This subject was discussed at the most recent TAC meeting, with the recommendation being given to seek guidance from the EOC prior to moving forward with any further steps.



Dorchester Ct
Cotuit Ct

Jenna Ct

Sunnybrook Rd

11153

Brook Ct
Lorry Ct

Marston Av

Crest Ct

Marston Ct

Greenview Dr

Bemis Rd

Ridge Rd

Danby Dr

Glen Crest Dr

Potential Access/Pipe Easement

22nd St

Buckingham Rd

Mayfield Ln

Valley Rd

1 inch = 338 feet

Buffer

Process Expansion

Future Admin/Storage Building

Parking

Ben is/Sunnybrook Intersection

Main Plant

Unknown

Unknown

SECTION 9.0

OTHER BUSINESS

SECTION 9.1

TECHNICAL ADVISORY COMMITTEE UPDATES

MARCH 2021 MINUTES



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 March 18, 2021 2:00pm

1. Electric Contract Update
 - a. Updated prices

Matt and Tom have continued to get updating pricing, and are thinking that as the warmer temperatures arrive over the next couple of weeks that a price may be locked in. Currently they're receiving pricing around \$0.039/kWh, and the existing contract is \$0.044.
2. FIP Update
 - a. Substantial/Final Completion

Boller's subcontractor, Bulley & Andrews, was on plant site the entire previous week working on addressing the seepage issues. Boller has spent a significant amount of money attempting to resolve the problem. Otherwise, there are a few remaining administrative items that need to be submitted before final completion can be issued.
3. Electrical Grid Construction Update
 - a. Strand Engineering Services

The project is still moving forward but has fallen behind schedule, although, they have plans to bring in additional crews to make up for lost time. The contractor hit a water main that was not accurately shown on any as-built plans, and therefore they are requesting a \$7k change order to cover the costs associated with repairing the water main, and relocating the proposed utilities they were installing. Although the water main was not accurately shown, the contractor did not go through the efforts to locate it's true location, so essentially, they did not account for the water main. Unfortunately, GWA is liable for this cost, but made it clear that they need to go through greater efforts to locate things in the future – and that GWA will not pay for it if this happens again. Strand's engineering contract is starting to run out for how much of the project remains. They claim there have been a larger than anticipated amount of submittal reviews, and requests for information. Tom has taken over some additional responsibilities to help save Strand's contract in the hopes GWA will not need to amend it.
4. Biosolids Dewatering
 - a. VOG Building Permit

Matt made the TAC aware that the Village building permit application was unclear as to what the fees would be, and there is a possibility the Village may ask for 2-3% of the entire project cost, which would be substantial amount considering the project is \$2.85M. Matt believes the Village would realize that's not a feasible amount, however, he wanted to make sure the TAC was aware that GWA may need to negotiate with the Village to lower any unreasonable building application fees.
5. SCICorp Proposal
 - a. Revise to one-month

Matt has checked their references, and although the references stated the product is very effective, they have also stated it does not necessarily pay for itself. However, the references were using the product differently than GWA would, which could potentially increase savings for GWA. Matt is still contemplating moving forward with this, but would propose if GWA does, only try a

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one-month pilot rather than the proposed 3 months. This would lower the risk even further. Matt is also contemplating just waiting until next calendar year, after there's a chance to insert some money into the budget for this.

6. Flow Metering flow split

a. Findings of Tom's research

Found that the Hill Avenue flow meter is in fact in the wrong location. RJN will be requested to move it to the correct location. Tom was able to extrapolate other data to compensate for that, and was able to make the corrections. CSO was not taken into account for the flow split, so Tom incorporated that data in for two years in the rears. We're waiting on recalculated RJN data as well going back at least two year. Long story made short; the percentage flow split did not end up changing much. Previously thought to be a 60/40 split based on population, but now was more of a 55/45 split. Therefore, Tom went deeper into investigating the population tributary to the flow meters. Lombard has a significant portion that goes to Flag Creek. There's a portion of Lombard that's unincorporated that actually goes to the VVLS flow meter, as well as an unincorporated portion of Lombard (Glen Ellyn Heights) that goes to a county flow meter. Carl asked about how the Village of Glen Ellyn bills DuPage County/ILAM for those areas. Matt responded that the county is billed based on flow, and ILAM is billed based on more of a fixed amount determined in an IGA. Basically, Tom was able to find that the true split isn't too far off what has been represented the past two years. Carl asked to see a memo summarizing all of this information. Carl also pondered the idea of splitting the budget back up so that only Lombard paid for CSO, and VOGÉ only paid for the lift stations, since each respective village is only responsible for those particular areas. This was how the previous budget was structured, and after analysis, it was determined there wasn't too much of a difference – but was much more complex.

b. CSO Metering

7. Fire Alarm Panel

a. End of useful life

GWA's existing panel is getting more and more difficult to find replacement parts for, and will no longer be able to be serviced in the near future. Therefore, GWA is beginning to budget for replacements.

b. Originally permitted under Lombard, discussions with VOGÉ as to what's required

GWA needs to be able to understand what VOGÉ's requirements are in order to properly budget, and since the original panel was installed under Lombard's jurisdiction, there's hope that the system can be scaled back in order to avoid future costs. GWA proposes that only occupied areas need to be monitored, which is acceptable according to VOGÉ building code, but the fire code does not entirely support it. However, building code takes precedence, but the building department prefers not to override the fire code. If VOGÉ allows us to scale back, it could save GWA several hundreds of thousands of dollars. Matt wanted to make the TAC aware of this, as GWA would attempt to negotiate to allow a scaled back system.

8. House Bill 0668 – Graue Mill Dam Removal/Special Condition Requirement

a. Villages should oppose passing of bill

The bill would essentially block a project that the DuPage River Salt Creek Workgroup is attempting to complete, which is required per GWA's NPDES permit. If the project is not allowed to be completed, it would have significant financial impacts on GWA, as it would require GWA to implement phosphorus removal immediately. Lombard had already signed an opposition to the bill, however, VOGÉ did not take a stance since they did not have time to educate themselves. Matt encouraged VOGÉ to reach out with any questions, and to take a stance to oppose the bill when it arises again.

9. FOG

a. Increased amounts

Matt was simply making the TAC aware that GWA has been receiving record amounts of FOG, which in turn, has allowed the CHP's to run more and more hours – which is all good news. However, it's required more staff time, as the material is quite nasty in nature, and more preventative maintenance has been needed on the process itself.



Glenbard Wastewater Authority

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- b. Greater CHP usage/more maintenance
In addition to greater preventative maintenance on the process itself, such as the tanks, the receiving station, etc, the CHP engines themselves have been requiring more maintenance since they're hitting the hourly based maintenance intervals more frequently. Which again, is good news, Matt is simply keeping the TAC aware.
 - c. Oil/Parts Purchases
GWA has made more bulk purchases of oil and parts for the CHP's in an effort to get more favorable pricing, and to keep these items in stock. Therefore, the return on investment will look horrible this month, but should start to balance out since GWA will have most items needed for the remainder of the year in stock.
10. Vaccinations
Two GWA employees are fully vaccinated, and one other has one shot. VOGI has continued to attempt to get all GWA employees vaccinated.
11. Lost Time Incident
- a. Minor injury
An operator had a very minor injury after twisting strangely, which resulted in slipped rib. Unfortunately, the operator had to miss a couple of days, ending a very long streak of no lost time injuries. This may increase GWA's liability insurance slightly.
12. Old Business
- a. Exhibits and language for Village/GWA Connection points at
 - 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**
Matt requested any drawings from Lombard that may show these sewer lines
 - iv. Any others that can be added
Julius suggested that Tom inform Bob Minix of the flow split data that he's worked on as discussed in item 6 above.

APRIL 2021 MINUTES



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

April 15, 2021 2:00pm

ATTENDEES: Matt Streicher, Tom Romza, Carl Goldsmith, Dave Buckley

1. US HHS COVID Sampling Program Results
The Authority sent in influent wastewater samples to a 3rd party lab to participate in the study for COVID testing, but have not seen the results of that study yet. We are starting to track down the results, and should be able to share something soon. Both Villages would like to see the results when they are available.
2. US Department of Energy SWIFT program
The "SWIFT" program is an energy management program that aims to save us energy by finding "low hanging fruit" that is easy for GWA to implement. They develop a model that predicts our current energy usage and helps to see what effect the changes have had. We are currently sunseting the "Cascade Strategic Energy Management Program (SEM)," which had been beneficial to participate in, and provided \$4k in "free" money – however, it demanded more staff time and attention. The SWIFT program does not provide incentives but we are always trying to be as efficient as possible with energy usage. The idea is that the Authority should always be enrolled in these types of programs to instill a "culture" since energy is such a big impact to the budget. The TAC does not have any opposition to us joining. Carl was curious to see if the SEM program would be continued or not. It is uncertain at this point. The agreement does not need to be signed until June 30th.
3. Fire Alarm Panel
 - a. Potential \$1M rehabilitation; \$235k to rehabilitate "in-kind"
The existing fire alarm system is becoming obsolete. Parts and service contract are getting harder and harder to obtain. GWA wanted to get an idea from GE building department as to what will be required when a permit is applied for, as the previous system was under Lombards jurisdiction. Steve Whitt of GE, has illuded that every building on campus and remote would have to be brought into the alarm panel, whereas, currently only five buildings are being monitored. GWA has asked Steve Whitt for clarification as it would be a \$1 million plus obligation, opposed to \$235k to replace "in kind." The GE building code does not actually require this level of protection, but the national fire code does. GWA also asked if occupied spaces could be the only ones upgraded, although occupied/unoccupied does not play into any requirements. All public works structures do have monitoring. Steve has run everything by Chief Clark who that we should do the entire plant. Carl asked why they want or require these upgrades? GWA is deemed critical infrastructure and that's why all the buildings need to be upgraded. Dave – public works doesn't do rehabilitation to these type of systems unless they are fully rehabbing the whole building. Is there any way that the work we are doing can be considered maintenance instead of rehabilitation? That would have to be answered by the building department. Dave is willing to sit in with Steve and fire chief and other public works people to have a meeting to make sure everyone is on the same page. Carl – is there budget in the future years for this? No, but if the cost is simply the \$235k, that would be taken out of equipment rehabilitation, which has sums of money budgeted for various projects like this.
4. FOG
 - a. Macerator Failure
 - b. Halt deliveries for +3 weeks
Just an FYI item, the grinder (macerator) failed, partially due to lack of inspection on our part, but the new motor has a 3-5 week back order. We are planning to get our existing motor rewound

Protecting the Environment for Tomorrow

which costs more than a motor. But we will make that back by the tipping fees from FOG in the interim.

5. Seasonal/Part Time Workers

We are bringing aboard our first engineering intern. We are still searching for our part time laborer and a weekend operator.

6. CRAS Pump Station Replacement

Another FYI item - the existing pumps carbo return activated sludge (CRAS) pumps were the plants original influent pumps, pre IGA, from the 60s. They are well beyond their service life and are oversized for their current application. We are replacing with half the number of pumps and smaller pumps. We are doing all the work in house with our maintenance department, which has saved potentially upwards of \$50k. We also applied for \$5k ComEd incentive.

a. *~\$60k material cost*

b. *\$5k incentive*

7. American Jobs Plan

Another FYI item; part of the recent stimulus package sectioned off \$56 billion towards water/wastewater projects; however, the money mostly directed towards low-income areas, but some will be distributed through DCEO grants and IEPA loans. It is recommended to send your federal legislator a letter to make sure our projects are on the list to have possible principal forgiveness. Therefore, GWA intends to send our US representatives a template letter created by the Illinois Association of Wastewater Agencies.

a. *\$56 Billion to water/wastewater sector*

b. *Letter to Legislators*

8. Electric Contract Update

Going through our electric supply procurement. Prices have been creeping up lately, so we are locking in the agreement for \$3.958 for the next four years. This is a reduction from \$4.4 of our current contract. Carl – is there any escalation through out the contract? No, but ComEd does have charges that are subject to change. Our peak load capacity has gone down as well, which effects monthly billing “multipliers.”

a. *Updated prices*

9. FIP Update

a. *Substantial/Final Completion*

i. *O&M's*

ii. *Seepage*

Still obtaining final versions of hard and electronic copies of O&M's. The seepage in the basement has significantly improved over the past several weeks, however, Boller is still working on it. No final pay application has been received.

10. Resolution Declaring Vehicle Surplus

GWA intends to bring a formal resolution to the next EOC meeting to declare the old forklift as obsolete, and allow it to be sent for auction. This process of declaring equipment as surplus as never been done before, typically it was a simple EOC agenda item, but was recently questioned by Lombard. Therefore, our attorney investigated and advised we adopt a resolution. However, VOGÉ does not require this process due to being “home rule,” and GWA follows VOGÉ's purchasing policies – so there's uncertainty as to whether or not the resolution is required. Carl – who are titles held in, GWA or Glen Ellyn? If it's a home rule municipality, then we don't have to follow Lombard's surplus ordinance. However, GWA does their own procurement so the title for the vehicle is under GWA? However as an entity, we cannot own property. Carl – whoever owns the title, you should follow their procedure.

11. Electrical Grid Construction Update

a. *Strand Engineering Services*

Possibly going to be a change order to add some money to Strand's contract as they are running low on money. GWA has made efforts

The contractor is still moving along, but about 6 weeks behind schedule for “milestone 1,” but they feel they can still meet the final completion date. They've extended their working day to 10 hours/day to hopefully catch up. Our contract with Strand Associates is running out quicker than anticipated, so this is just to forewarn the TAC that an engineering amendment may need to be executed.

12. Biosolids Dewatering

Biosolids Dewatering Improvements Project has had kick off/pre-con meeting! Still waiting on building permit coming from Glen Ellyn, and the contractor is biting at the bit to start the project.

13. SCICorp Proposal

SCI Corp is proposing selling services that would include an additive to the plant that would solve and improve everything in our biological process. Since we have no issues, we didn't really want to add it to our



Glenbard Wastewater Authority

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biological process, but possibly were thinking of piloting it on our digesters to increase gas production and remove hydrogen sulfide. We were trying to reduce the pilot from 3-month to 1-month, and are thinking of possibly putting money in the budget for next year. The cost for the 3-month pilot was over \$60k. GWA has received no response from SCICorp in regards to the modified pilot program, so this most likely will not be revisited until next year.

14. Flow Metering flow split

Not much of an update from last months TAC meeting, and the information that had previously been shared with the TAC. Still waiting on updated data from RJN so that Tom can finalize the flow split memo.

15. CSWEA Presentations

We are both doing presentations for the CSWEA Annual meeting. Tom is doing 2, and Matt is doing 1 and hosting the social event. Kudos to us for being prevalent in the wastewater industry. Also, a special shout out to Tom for winning the CSWEA IL Section Collections Systems Award. Tom has been an active participant of the Collections Committee, and recently was charged with organizing a successful Collections Systems Seminar. Matt is also a former Collections Award winner.

16. Vaccinations

We have gotten most of our staff vaccinated. The only people who have not started the process, chose themselves to not get the vaccine. HR, public works, are all just following the CDC guidelines at the moment. We can make restriction stronger, but will probably not relax the rules more than anything the CDC says.

17. Old Business

a. Exhibits and language for Village/GWA Connection points at

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

Nothing new on the topic. Dave will circle back with Bob Minix to make sure that any institutional knowledge that he has is spread through to everyone, as Bob will most likely no longer be working on a part-time basis after this calendar year.

SECTION 10.0

NEXT EOC MEETING

THURSDAY

JULY 8, 2021

AT 8:00 A.M.

FORMAT - TBD