

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

April 14, 2022

8:00 a.m.

Meeting will be held at the Glenbard Wastewater Plant
945 Bemis Rd, Glen Ellyn, IL

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Public Comment
5. Staffing Update
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 month of February 2022 and March 2022 \$2,156,271.43 (Trustee Christiansen).

- 6.1 Executive Oversight Committee Meeting Minutes:
February 10, 2022 EOC Meeting
- 6.2 Vouchers Previously Reviewed:
February 2022 – Trustee Christiansen
March 2022 – Trustee Christiansen
- 6.3 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 \$100,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. The budget amount was taking into account at least two purchases of the hydrogen sulfide media (similar to current request), and one purchase of the siloxane media.

Therefore, we motion the EOC to authorize approval to purchase CHP media from Unison Solutions in the amount of \$24,498.00. This has been discussed with the TAC, and all are in agreement with the recommendation.

7. Request to Authorization to Approve Proposal for National Pollutant Discharge Elimination System (NPDES) Permit Special Condition Assistance

In early 2022 the Authority received its renewed NPDES Permit's for both the main plant and the Combined Sewer Outfall (CSO) plant. The NPDES permits are mandated at a federal level by the United States Environmental Protection Agency, who delegates authority to the Illinois Environmental Protection Agency (IEPA). These permits essentially dictate the operation of the Authority, by setting pollutant removal requirements, water quality standards, operating requirements, special condition projects, and other various requirements.

Traditionally, these permits are renewed every 5 years, at which time the IEPA (through the USEPA) may impose new permit requirements or special conditions. The Authority's previous permits had expired August 31, 2020. Many of the special conditions were being negotiated over the two years it took to issue the new permit. Although most of the pollutant removal requirements and water quality standards have not changed in the new permits, many of the special conditions require studies, evaluations, or other written reports to be completed each permit cycle. In addition, several new requirements in the special conditions have been added.

Although many of the special condition requirements will be completed in-house by Authority staff, due to both the complexity and the volume of work to complete several of the requirements, Authority staff will need assistance from a consulting engineer familiar with the NPDES process.

There are three major components of this project; the local limits evaluation, the Capacity, Management, Operations, and Maintenance (CMOM), and the Combined Sewer Outfall Plan Updates. The CMOM Plan and CSO Plans will begin immediately and are due back to the IEPA at the beginning of the 2023. Those two components (total of \$19,400) will be charged to CY2022's budget Fund 270-520816, which has \$20,000 budgeted currently. The local limits evaluation (\$24,000) will begin in 2023, and will be charged to CY2023's budget Fund 270-530107 (once approved by the EOC).

Therefore, it is recommended that the EOC allow waiving of the RFP process for selecting a consultant, and authorize the Authority to award Baxter & Woodman, Inc. the contract for the National Pollutant Discharge Elimination System (NPDES) Permit Special Condition Assistance in the amount not to exceed \$43,400. This has been discussed with the TAC, and all are in agreement with the recommendation.

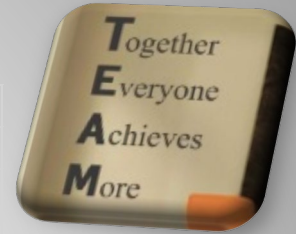
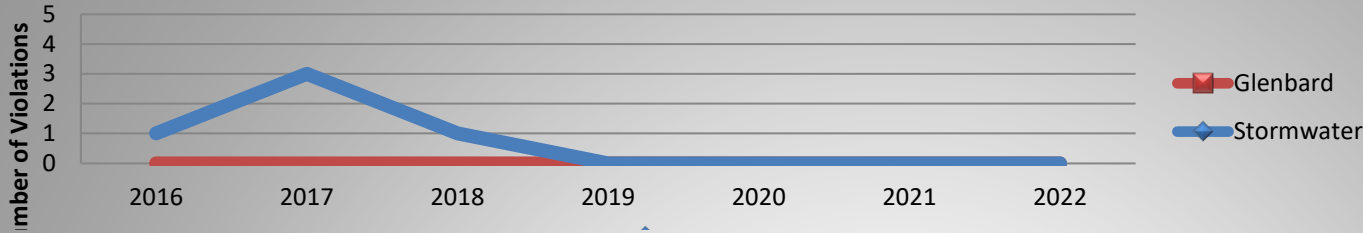
8. Discussion
 - 8.1 Capital Improvement Projects Update
 - 8.2 Fire Monitoring Panel Future Approval Discussion

Siemens Fire Monitoring System located throughout the Authority’s buildings and remote sites has reached the end of its useful service life, and many parts/repairs are becoming obsolete. Parts of the system were replaced during the 2021 Biosolids Dewatering Improvements Project, as the building permit issuance was reliant on the system being brought up to standards, however, the remainder of the plant and remote sites still need to be upgraded to current technology. A quote was obtained in 2021 for this work, coming in at \$235,365.87. Therefore, that amount was inserted into the approved CY2022 budget. Since some of the work was completed with the Biosolids project, a new quote was requested, however, it has not been received. As this purchase is for a highly specialized piece of equipment, I am requesting to waive competitive bidding for this purchase based on Section C.1.f of the purchasing policy, which waives competitive bidding for “Standardization purchases, defined as technical 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.” This item has been discussed with the TAC during a meeting in 2021.

The intent of this discussion is to make the EOC aware of the future request for approval, in event timing between EOC meetings becomes a hindering issue.

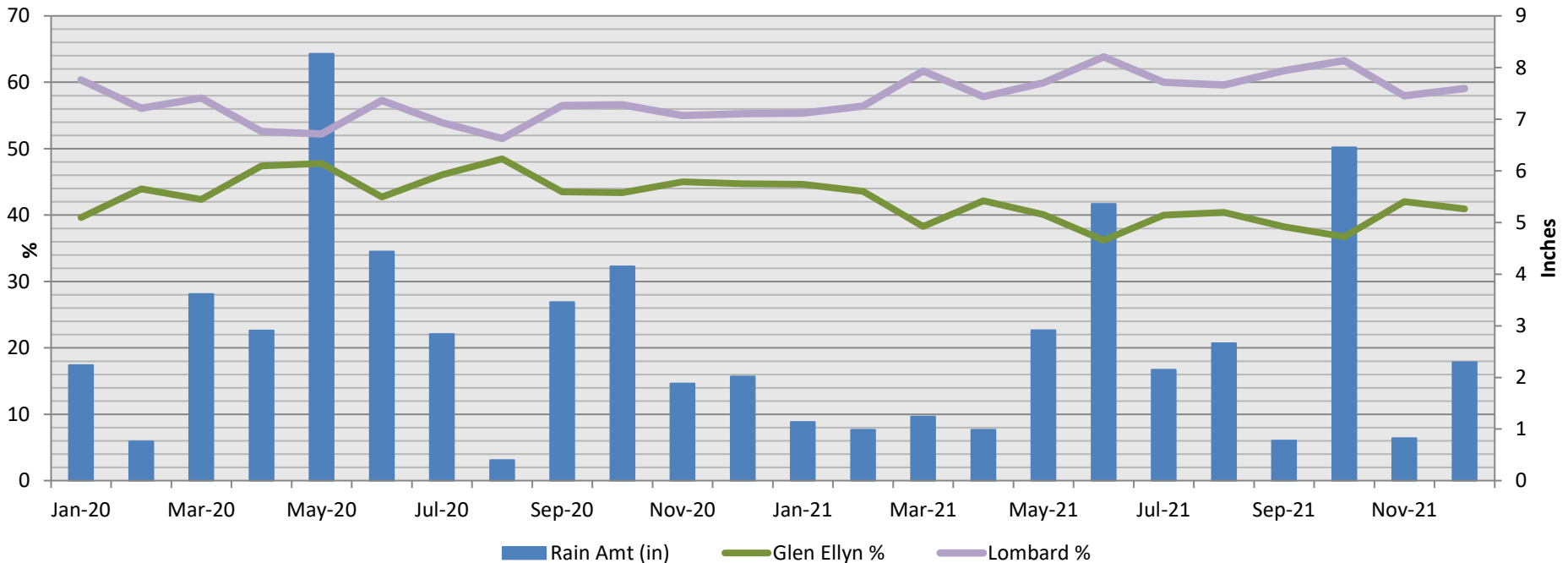
9. Other Business
 - 9.1 Technical Advisory Committee Updates
10. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, May 12, 2022 at 8:00 a.m.***

NPDES Permit Violations



Glenbard Plant: *Current Record	Stormwater Facility: * Current Record
3342 Days February 4, 2013 through March 31, 2022	1446 Days April 15, 2018 through March 31, 2022
Previous excursion free operating record:	Previous excursion free operating record:
1058 Days September 8, 2007 – April 10, 2010	1140 Days July 11, 2009 through August 27, 2012

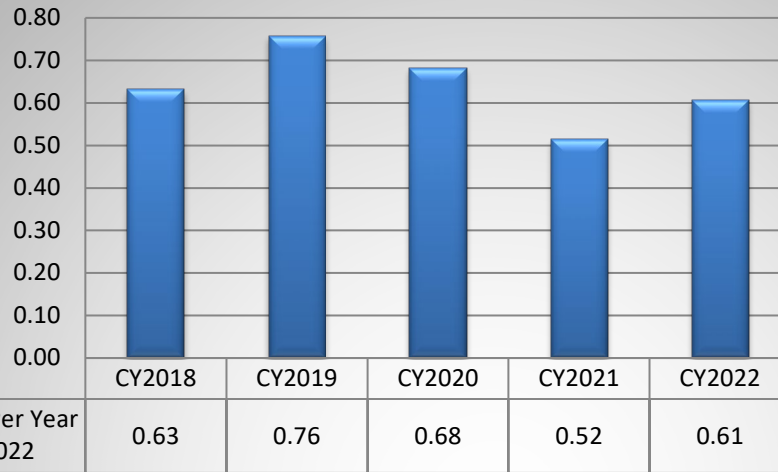
Flow Billing Comparison



	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	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	1-Dec	1-Jan	1-Feb
Glen Ellyn %	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	40.098	36.19	39.988	40.41	38.26	36.74	42.03	40.93	40.75	38.35
Lombard %	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	59.903	63.81	60.011	59.59	61.74	63.26	57.97	59.07	59.25	61.96
Rain Amt (in)	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	2.915	5.36	2.15	2.665	0.775	6.455	0.825	2.295	0.325	2.405

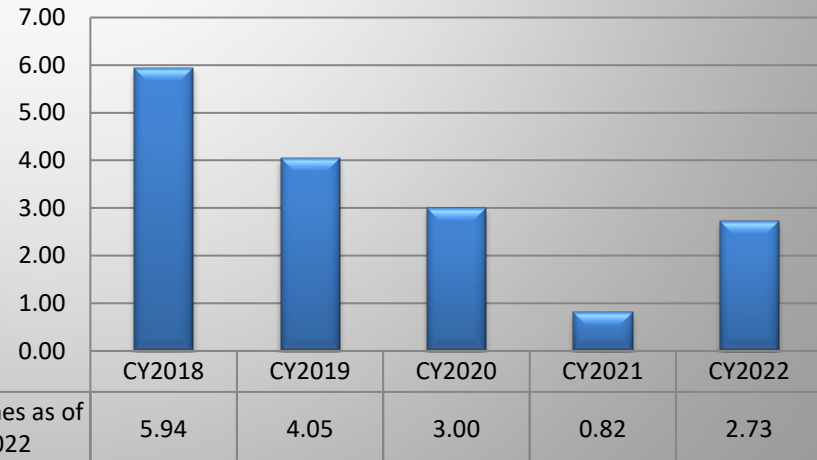


Billion Gallons Treated Per Year as of February 28, 2022



■ Billion Gallons Treated Per Year as of February 28, 2022

Total Rainfall in Inches as of February 28, 2022

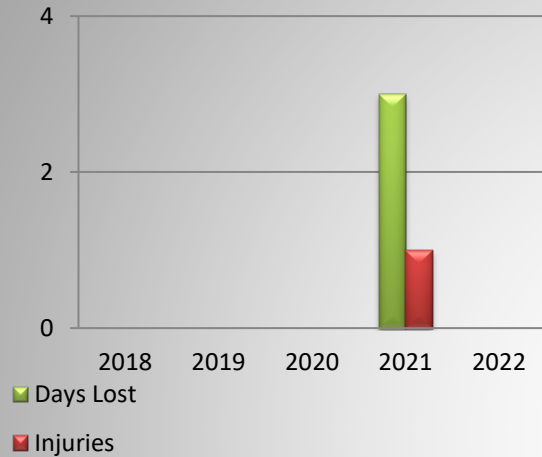


■ Total Rainfall in Inches as of February 28, 2022



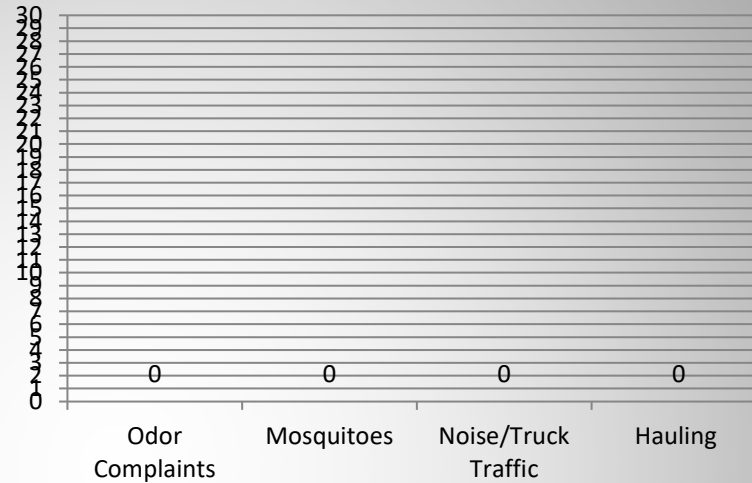
The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

Injuries + Lost Time

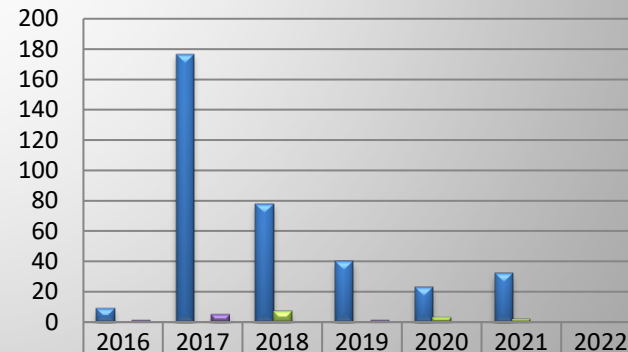


Year	2018	2019	2020	2021	2022
Injuries	0	0	0	1	0
Days Lost	0	0	0	3	0

March 2022 Complaints

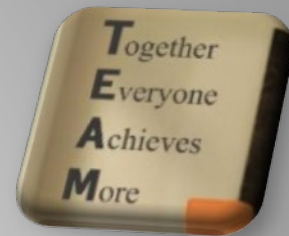


Annual Complaint Comparison

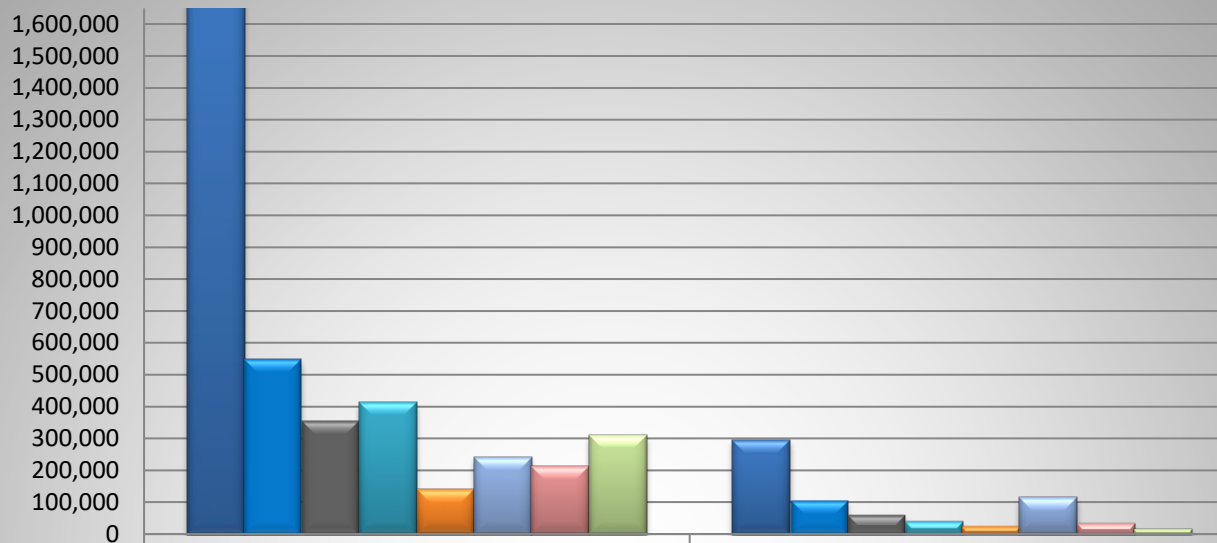


	2016	2017	2018	2019	2020	2021	2022
Odor Complaints	9	177	78	40	23	32	0
Noise/Truck Traffic	0	0	7	0	3	2	0
Hauling	1	5	0	1	0	0	0





February 2022 O&M Expense \$ Reporting

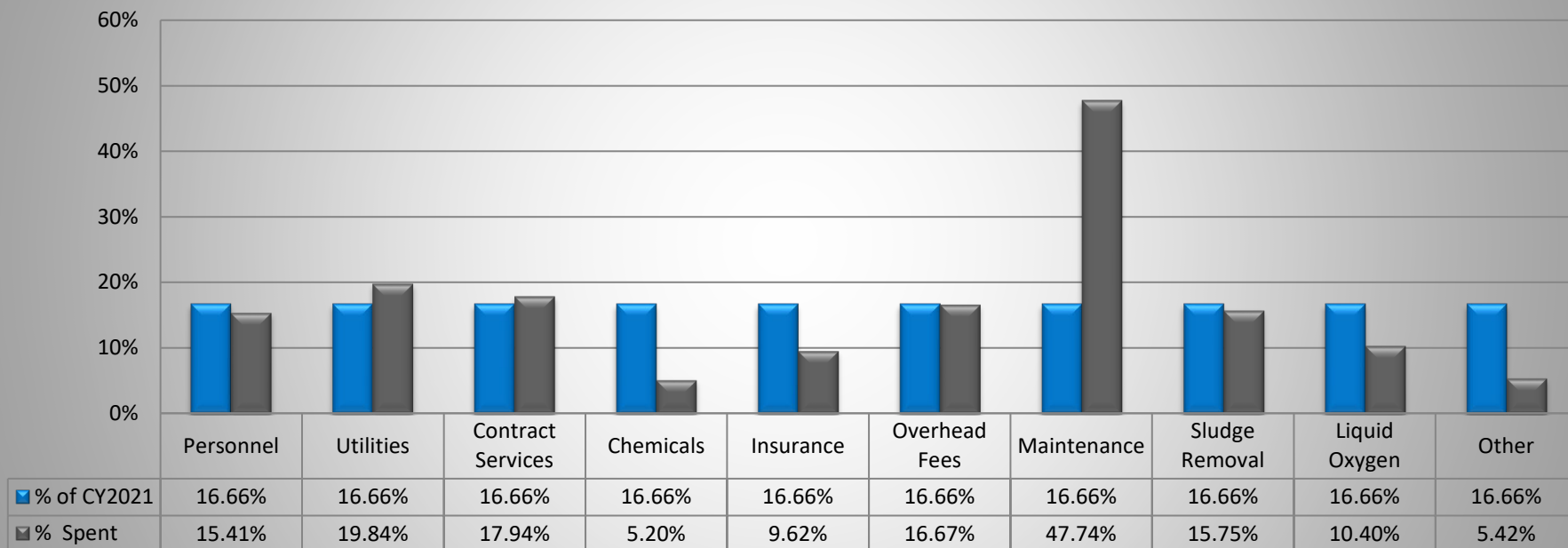


	CY2022 Budget	Spent Year to Date
Personnel	\$1,912,464	\$294,755
Utilities	\$548,600	\$108,841
Contract Services	\$354,325	\$63,557
Insurance	\$413,900	\$39,814
Overhead Fees	\$139,238	\$23,206
Maintenance	\$239,106	\$114,156
Sludge Removal	\$211,656	\$33,331
Other	\$308,929	\$16,746

	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
CY2022 Budget	\$1,912,464	\$548,600	\$354,325	\$210,000	\$413,900	\$139,238	\$239,106	\$211,656	\$325,000	\$308,929
Spent Year to Date	\$294,755	\$108,841	\$63,557	\$10,912	\$39,814	\$23,206	\$114,156	\$33,331	\$33,799	\$16,746
% of CY2022	17%	17%	17%	17%	17%	17%	17%	17%	17%	17%
% Spent	15.41%	19.84%	17.94%	5.20%	9.62%	16.67%	47.74%	15.75%	10.40%	5.42%

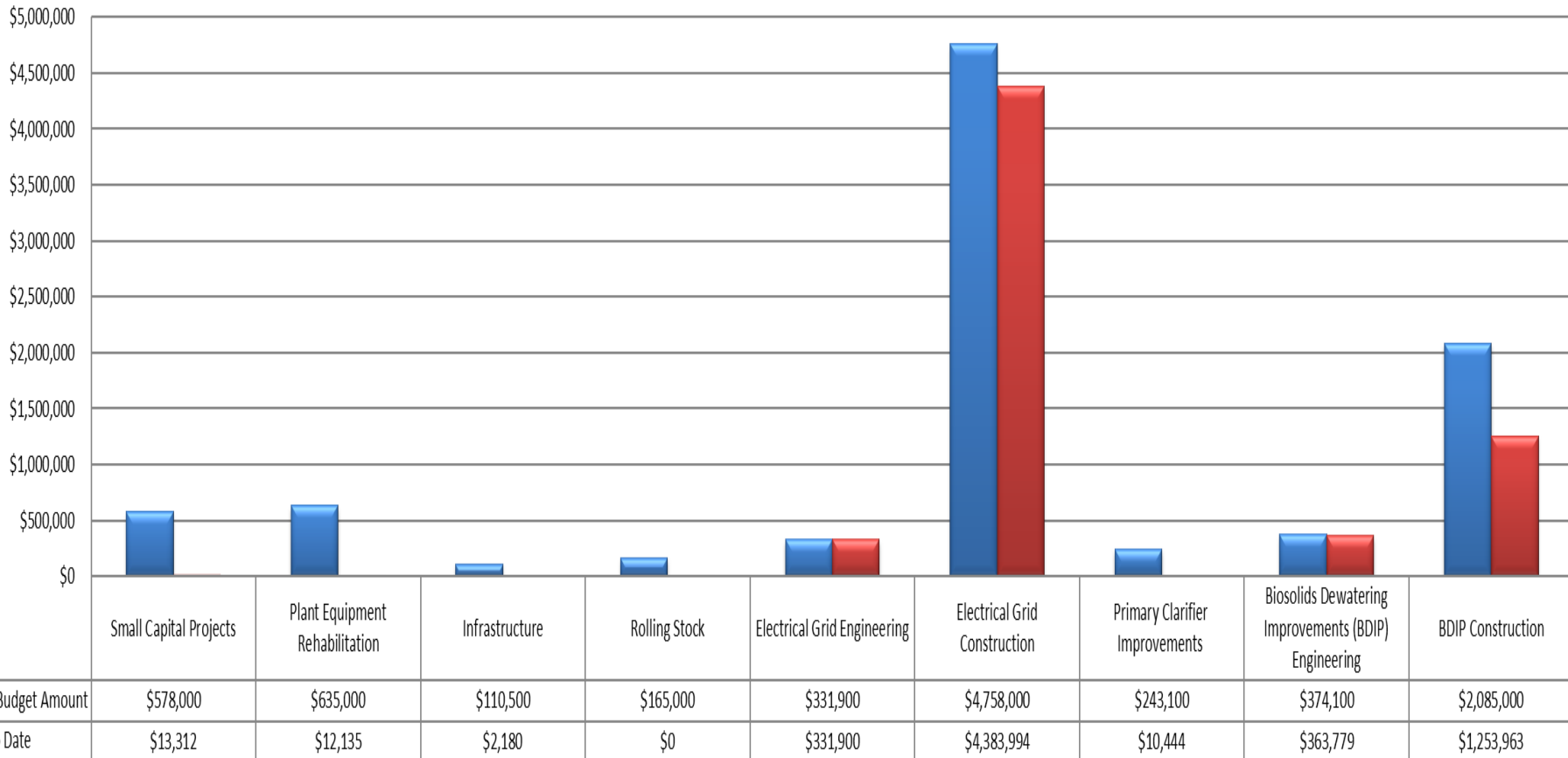


February 2022 O&M Expense % Reporting





February 2022 Project Updates





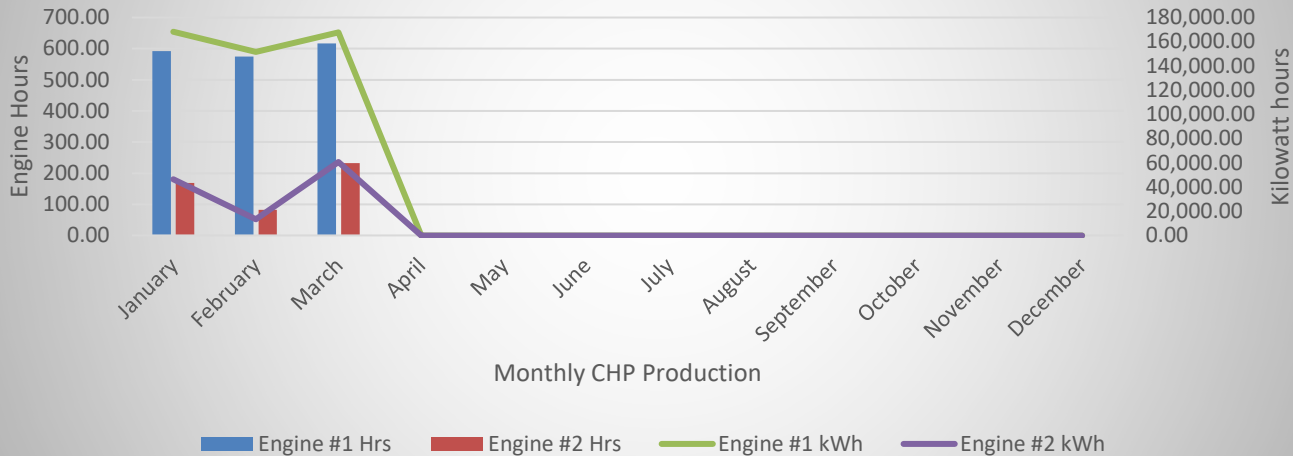
CY2022 Capital Projects

Description	Project Budget Amount	Spent to Date	January Updates
Small Capital Projects	\$578,000	\$13,312	March 28, 2022
Plant Equipment Rehabilitation	\$635,000	\$12,135	March 28, 2022
Infrastructure	\$110,500	\$2,180	March 28, 2022
Rolling Stock	\$165,000	\$0	March 28, 2022
Electrical Grid Engineering	\$331,900	\$331,900	March 28, 2022
Electrical Grid Construction	\$4,758,000	\$4,383,994	March 28, 2022
Primary Clarifier Improvements	\$243,100	\$10,444	March 28, 2022
Biosolids Dewatering Improvements (BDIP) Engineering	\$374,100	\$363,779	March 28, 2022
BDIP Construction	\$2,085,000	\$1,253,963	March 28, 2022

Combined Heat & Power Production Report



Road to Net Zero



Monthly CHP Production 2021 = \$0.08/kWh						
	Engine #1 Hrs	Engine #2 Hrs	Engine #1 kWh	Engine #2 kWh	\$ Saved	% Electricity Generated
January	592.00	168.50	168,293.00	46,570.00	\$17,189.04	36%
February	574.10	82.40	151,479.00	13,536.00	\$13,201.20	29%
March	616.60	232.40	167,593.00	60,716.00	\$18,264.72	#DIV/0!



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 -
	RECS							
Calendar Year 2021								
January		235,008	\$11,750.40	\$14,997.41	\$1,247.28	\$25,500.53	\$29,251.31	(3,750.78)
February		201,730	\$9,276.50	\$21,180.89	\$1,108.06	\$29,349.33	\$29,251.31	98.02
March		244,483	\$11,974.50	\$31,950.21	\$19,660.08	\$24,264.63	\$29,251.31	(4,986.68)
April	\$47,040.99	129,772	\$6,488.60	\$19,180.64	\$620.00	\$25,049.24	\$29,251.31	(4,202.06)
May		247,017	\$12,350.85	\$28,636.96	\$2,928.82	\$38,058.99	\$29,251.31	8,807.68
June		289,711	\$14,485.55	\$10,156.14	\$28,696.78	-\$4,055.09	\$29,251.31	(33,306.40)
July		248,491	\$12,424.55	\$19,475.42	\$619.67	\$31,280.30	\$29,251.31	2,028.99
August		220,450	\$11,022.50	\$7,957.05	\$2,021.03	\$16,958.52	\$29,251.31	(12,292.79)
September		289,424	\$14,471.20	\$3,065.11	\$399.44	\$17,136.87	\$29,251.31	(12,114.44)
October		369,790	\$18,489.50	\$7,092.35	\$649.63	\$24,932.22	\$29,251.31	(4,319.09)
November		341,230	\$17,061.50	\$16,404.27	\$79,950.00	-\$46,484.23	\$29,251.31	(75,735.54)
December		237,479	\$11,873.95	\$17,829.79	\$0.00	\$29,703.74	\$29,251.31	452.44
Annual Totals	\$47,040.99	3,054,585	\$151,669.60	\$197,926.25	\$137,900.79	\$211,695.06		
Repayment Balance	\$3,088,938.04							
Annual Payback on Investment	\$234,963.86							
Current Return on Investment in Years	13.1							
		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 -
	RECS							
Calendar Year 2022								
January		203,200	\$10,160.00	\$17,189.04	\$0.00	\$27,349.04	\$29,251.31	(1,902.27)
February		202,792	\$10,139.60	\$13,201.20	\$0.00	\$23,340.80	\$29,251.31	(5,910.51)
March		159,801	\$7,990.05	\$18,264.72	\$0.00	\$26,254.77	\$29,251.31	(2,996.54)
April			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
May			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
June			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
July			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
August			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
September			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
October			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
November			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
December			\$0.00	\$0.00		\$0.00	\$29,251.31	(29,251.31)
Annual Totals	\$0.00	565,793	\$28,289.65	\$48,654.96	\$0.00	\$76,944.61		
Repayment Balance	\$3,011,993.43							
Annual Payback on Investment	\$230,321.58							
Current Return on Investment in Years	13.1							

SECTION 6.0

CONSENT AGENDA

SECTION 6.1

MINUTES –

FEBRUARY 10, 2022

MEETING

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
MINUTES
February 10, 2022
Meeting held at the Glenbard Wastewater Plant
945 Bemis Road, Glen Ellyn, IL

Members Present:

Mark Senak	President, Village of Glen Ellyn
Keith Giagnorio	President, Village of Lombard
Kelli Christiansen	Trustee, Village of Glen Ellyn
Mark Franz	Village Manager, Village of Glen Ellyn
Dave Buckley	Public Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Matthew Streicher	Executive Director, GWA
Thomas Romza	Assistant Director, GWA
Jon Braga	Maintenance Superintendent, GWA
Andy Pakosta	Operations Superintendent, GWA
Gayle Lendabarker	Administrative Secretary, GWA
Patrick Brankin	Assistant Finance Director, Village of Glen Ellyn

1. Call to Order at 8:00 a.m.
2. Pledge of Allegiance
3. Roll Call: President Giagnorio, President Senak, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Buckley answered "Present". Mr. Franz arrived at 8:04 a.m. after Roll Call and after approval of Consent Agenda items. Trustee Bachner was excused.
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 of the month of January 2022 \$967,494.05 (Trustee Christiansen).

Mr. Franz motioned and President Giagnorio seconded the *MOTION that the following items, on the Consent Agenda be approved. President Giagnorio, President Senak, Trustee Christiansen, Mr. Niehaus, Mr. Goldsmith and Mr. Buckley responded "Aye" during a roll vote. The motion carried.*

EOC Meeting/February 2022
Minutes

- 5.1 Executive Oversight Committee Meeting Minutes
 - January 13, 2022 meeting
- 5.2 Vouchers previously reviewed by Trustee Christiansen
 - January 2022
- 6. Request to Authorization to Approve Design Engineering Services pertaining to the 2022 Primary Clarifier/Gravity Thickener Improvements Project

In November 2021 Authority staff developed and sent out a request for qualifications and technical proposals to our six (6) shortlisted professional consulting firms for Design Engineering Services pertaining to the 2022 Primary Clarifier and Thickener Rehabilitation Program. The due date for the proposals was January 17, 2022.

The intent of the request for proposals was to retain a professional firm that would provide further assessment of the condition of the current equipment and to provide insight and design for the rehabilitation, replacement, and possible improvements that could be made to the existing condition. The professional firm is to design a rehabilitation plan to the primary clarifiers and thickener based off the greatest needs and cost-effective approaches, prepare bidding documents, assist in the bidding process, and provide construction engineering services. The scope of work is intended to take place in 2022, with construction possibly carrying over into 2023. The Authority has budgeted \$334,500 for the design, bidding, and construction engineering phases of this project out of the CY 2022 budget fund 40-580180.

The Authority received four sets of qualifications and technical proposals in response to the RFP that was sent out, at which point staff performed an internal review, and narrowed it down to Trotter and Associates (TAI) being the most qualified. This selection was discussed with the TAC and all were in agreement with the selected firm.

After the firm was selected, the cost proposal was requested from TAI and costs were negotiated to an agreed scope and effort specifics. The proposal includes a time & materials/not to exceed cost of \$243,100 for phase I and II of this project, Preliminary Design and Design Engineering services. This will leave \$91,400 for the Phase III, Construction Engineering services, later in CY2022, which is anticipated to be ample funds for these services.

Therefore, it is recommended that the EOC authorize the Authority to award Trotter and Associates, Inc. the Design Engineering Services pertaining to the 2022 Primary Clarifier and Thickener Rehabilitation Project in the amount not to exceed \$243,100. This amount will be taken out of the designated amount in the CY2022 Approved Budget, Fund 40-580180.

Mr. Niehaus motioned and President Giagnorio seconded the motion to award Trotter and Associates, Inc. the Design Engineering Services contract pertaining to the 2022 Primary Clarifier and Thickener Rehabilitation Project in the amount not to exceed \$243,100, to be charged to the Capital Improvement Account 40-580180-22005. President Giagnorio, President Senak, Trustee Christiansen Mr. Franz, Mr. Niehaus, Mr. Goldsmith, and Mr. Buckley responded “Aye” during a roll vote. The motion carried.

Mr. Romza summarized that this project will rehab and replace equipment, which is original to the facility’s build; and while some of the equipment has been repaired and updated over time, the majority of the equipment has reached the end of its useful life.

Mr. Romza added that GWA sent RFP requests to the six (6) short-list engineering firms, and received four (4) bids in return for phases I and II; and after review by GWA staff, Trotter was selected to perform the work. Mr. Romza stated that they did work with Trotter to reduce the scope of work, removing items that seemed to be unnecessary and reached the price of \$243,100 for preliminary and design work. Mr. Romza noted that the CY2022 Capital Improvement budget had allocated \$334,500, which leaves approximately \$91,000 for construction oversight services.

Mr. Franz asked what the timeline for the project would be. Mr. Romza stated that it would be relatively quick, with the design ready by late Spring and going out to bid for construction during the summer. Mr. Romza added that this is an IEPA loan project so the timelines are rather strict to meet the loan application deadlines.

Mr. Niehaus noted the stated late 2022 and could run into early 2023. Mr. Streicher added that as this project will be paid for using the IEPA SRF, the bid notice for the project cannot be advertise until July 1st, with the bid opening taking place in August; then once the bids are received, reviewed and a company selected, the paperwork must be sent to the IEPA for review and final loan approval. Mr. Streicher stated that while the project has preliminary loan approval, all of the paperwork needs to be finalized with the contractor costs and while the IEPA says it should take 60-90 days, reviews and final approvals have been taking 120-160 days for approval to come through; then GWA will be able to issue final award of the contract. Mr. Streicher stated that based on everything, actual construction will most likely not start until Fall of 2022 and will most likely carry over into CY2023.

Mr. Niehaus asked Mr. Streicher and Mr. Romza if they anticipated bids coming in higher on this and future projects due to the rising costs of materials and supply issues, or as this is a niche industry that things will be on par or should the EOC Committee anticipate the bids typically being higher than what is being projected. Mr. Streicher noted that in order for GWA to stay on the IEPA’s intended funding list, GWA must submit an annual nomination list of projects and projected costs and he has already increased costs for this year’s nomination forms and CY2023 Capital Budget Plan; and advised he does intend to

increase cost estimates for all future capital projects by approximately 15%, as Trotter stated that they are seeing a 16%-19% increase in costs on recent projects.

Mr. Niehaus asked Mr. Goldsmith to comment on the Village of Lombard's approach to address to this issue. Mr. Goldsmith stated that the Village has had discussions about the current inflation situation being an issue and the pending infrastructure funding that is supposed to be in the pipeline and if the funding materializes, their concern is that qualified contractors will not be available as IDOT, the Tollway and the City of Chicago, will all be flush with money and as a result. Mr. Goldsmith continued by stating that the Village is considering postponing any maintenance programs, like roadways, for two (2) years and do the bare minimum to keep them in good working order. Mr. Goldsmith added the Village is currently having their pavement evaluated through CMAP, and one of the analyses he has asked them to do is to remove two (2) years of funding and advise what that will do to the depreciation or deterioration curves of the roads. Mr. Goldsmith stated he anticipates only spending 25% premium on work over the next two (2) years. Mr. Niehaus added that the plan to roll 75% over each year and do a three (3) project in the future.

Mr. Niehaus noted that the EOC Committee needs to be aware that when Mr. Streicher and Mr. Romza come to the EOC and say the costs came in 20% over budget, there is a valid reason.

Mr. Streicher noted that per the IGA, every five (5) years GWA must redo the facilities plan and that is a project scheduled for CY2023, which will reformulate the capital plan and take the new inflation rates into account. Mr. Streicher added that he does not foresee GWA having a shortage of qualified contractors as MWRD will most likely get a large portion of the funding, but as far as GWA goes, he does not anticipate too many opportunities to receive any of the funds as a lot will go to environmental justice areas, of which GWA does not have any that are high ranking. Mr. Streicher stated that GWA might be able to qualify for some of the funding through any loan forgiveness opportunities that are offered as they do intend to start doing that next year.

7. Request for Authorization for a 5-Year Lease of Atmospheric Vaporizers and Liquid Oxygen Hauling Agreement

In 2017 the Authority underwent a transitional process of beginning to haul liquid oxygen via a 3rd party instead of the previous method of creating pure oxygen through an on-site cryogenic process. Another component involved with the switch over to liquid hauling was the replacement of the hot water baths used to vaporize the liquid oxygen previously created onsite. Therefore, in 2017, the Authority also switched to using atmospheric vaporizers.

By switching to the delivery of liquid oxygen and the atmospheric vaporization process, it's estimated that the Authority saved over \$200,000 on electric and potable water costs over the course of the existing 5-year agreement, not including any overtime, maintenance, or other associated costs to keep the system running.

EOC Meeting/February 2022
Minutes

The existing 5-year contract for the supply of the liquid oxygen and leasing of the atmospheric vaporizers expires in April 2022; therefore, a request for bids for a new contract was publicly advertised in late 2021. The bid package is enclosed with this memo; essentially the Authority is requesting pricing for the delivery of bulk liquid oxygen, and leasing of atmospheric vaporizers (including maintenance) for a 3-year period, with an automatic renewal for years 4 and 5, providing satisfactory performance. Although this will be paid on a per unit basis, bids were calculated using an estimated usage of oxygen, along with the 60-month term for the vaporizer leasing.

In late 2021 GWA publicly advertised a bid advertisement for a new 5-year contract for the delivery of pure liquid oxygen and the lease of atmospheric vaporizers. The bids were opened on February 1, 2022, below is a summary of the bids received:

Supplier	Liquid Oxygen Delivery Five-Year Term (04/2022 – 03/2027) 575,000,000 SCF – see breakdown below	Vaporizer Lease Five Year Term (04/2022 - 03/2027) 60 Months	Total
Airgas	\$2,382,915.00	\$90,000.00	\$2,472,915.00

	Price per 100 cubic feet (including sellers right to revise product pricing up to 5%/year)
Year 1	\$0.3750
Year 2	\$0.3938
Year 3	\$0.4134
Year 4	\$0.4341
Year 5	\$0.4558

The pricing for year 1 (anticipated contract start date in April 2022) realizes approximately 33% increase over the current year’s pricing of \$0.282/100 SCF. However, based on the restructuring of the new contract from the old contract, the contractor will no longer be able to assess variable delivery and fuel surcharges, which are not included in the existing price. Therefore, it’s assumed the contract has incorporated those costs into their pricing, hence the greater increase.

It is recommended that the EOC authorize the Authority to enter into a five-year agreement with Airgas, with the option to cancel after the third year, for the purchase of bulk liquid oxygen at a rate not to exceed \$0.3750/100 SCF for year one, \$0.3938 for year two, \$0.4134 for year three, \$0.4341 for year four, and \$0.4558 for year five, as well as the leasing of the atmospheric vaporizers at a rate of \$1,500 per month for the duration of the five-year contract.

Mr. Goldsmith motioned and Trustee Christiansen seconded the motion to authorize the Authority to enter into a five-year agreement with Airgas, with the option to cancel after the third year, for the purchase of bulk liquid oxygen at a rate not to exceed \$0.3750/100 SCF for year one, \$0.3938 for year two, \$0.4134 for year three, \$0.4341 for year four, and \$0.4558 for year five, as well as the leasing of the atmospheric vaporizers at a rate of \$1,500 per month for the duration of the five-year contract. President Giagnorio, President Senak, Trustee Christiansen, Mr. Niehaus, Mr. Goldsmith, and Mr. Buckley responded “Aye” during a roll vote. Mr. Franz recused himself from voting. The motion carried.

Mr. Streicher provided a background on how GWA shutdown its oxygen generation facility in anticipation of bio-nutrient phosphorus removal that was supposed to start in two (2) years, but has now been pushed out until 2028, in favor of having liquid oxygen delivered; as it was more economically feasible based on ongoing maintenance, electrical and potable water costs, as well as some other factors. Mr. Streicher added that as the current five (5) year contract is due to expire in April 2022, GWA sent out bid notices for both the liquid oxygen and vaporizer leasing. Mr. Streicher noted that only one (1) bid was received, which is the existing supplier, and while the rates did increase just a bit, staff believes that the increase is an effort to make the pricing all-inclusive of the \$100 per load delivery fee and the fluctuating fuel surcharge they have been accessing on each load. Mr. Streicher stated that while the price is a 33% increase, it was stated in the contract portion of the bid documents that the price is an “all inclusive”, to make it easier for GWA to budget. Mr. Romza noted that GWA has gone back to Airgas on multiple occasions during the past five (5) years to get them to reverse some of the charges and would prefer to not deal with that issue going forward.

Mr. Streicher explained that originally there was no delivery fee, but once we restricted their delivery hours to day time only hours, Airgas tacked on a \$60 per delivery fee, then it increased to \$100 and then they tried to up it to \$150 and he managed to get them to reduce it back to \$100. Mr. Streicher continued by stating that his believes the price increase is all inclusive as the last time the contract was done, Airgas came back to GWA stating we had to sign their contract and this time he made it very clear in the bid documents and the contract contained therein, that the pricing was to be all inclusive and if Airgas wants GWA to sign their own contract instead sticking to the bid document they submitted, he would get our legal counsel involved to insure GWA does not get hit with the random fees on every invoice.

President Senak asked if there was a price escalation above the 33%, over the course of the five (5) years. Mr. Streicher stated that there is an up to 5% increase each year for the next four (4) years. Mr. Senak asked if the yearly increase was in addition to the 33%. Mr. Streicher advised that the first-year price of the new contract reflects a 33% increase is over the current year.

8. Discussion

8.1 Capital Improvement Projects Update

Medium Voltage Electrical Grid Project

Mr. Romza advised that since the last meeting several major things happened with this project. Mr. Romza explained that one of the cables tied into a transformer seemed to not be tied in correctly and as a result of having the cable energized to warm it up prior to switched grids, when the contractor went to switch the transformer from the old grid to the new grid, the cable failed. Mr. Romza stated that the cause of the problem is being investigated by the manufacturer and GWA is currently waiting for the report from them to determine how to proceed; which leaves things at a standstill, to the point where the contractor is not on site for the week. Mr. Romza added that once a path on how to proceed is determined, the project will be able to continue. Mr. Romza advised that there is approximately 20% left to be done.

Mr. Franz asked how the injured contractor's employee was doing. Mr. Romza stated that he had not heard any updates in a while, but the employee did leave the hospital and talk was he would be back on the job within two-three weeks of the incident. Mr. Romza advised that GWA did receive the contractor's official incident report.

Mr. Romza stated that upon review of the change orders for the project, at this time, everything is still within the project allowances and there is currently no overall contract change order that needs to be done.

Mr. Streicher added that the previous day, Strand Associates advised that their contract for construction oversight has been exhausted and are currently not seeking an amendment but have indicated they would like to request one, as they are currently working out of GWA's pocket. Mr. Streicher stated that Mr. Romza's response to Strand's inquiry was that GWA needs to go back to the contractor, as in Strand's opinion the poor scheduling on Broadway's part, even with the delays due to supply chain issues, have led to an increase in the contract time and if Strand feels their \$6,000 amendment is justified, they need to be able to demonstrate the reasons to Broadway.

Mr. Niehaus asked if there is any material default on any work that GWA staff did, in terms of directing the contractor. Mr. Streicher noted that there may be a \$6,000 amendment coming from Strand, but the overall construction contract would see a \$6,000 deduction.

Biosolids Dewatering Improvement Project

Mr. Romza stated that the contractor has completed the rehab on one of the presses the previous week and it seems to be running well, so far, but staff is working on locking in the set points and getting used to it. Mr. Romza advised that in two weeks

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the plan is to rehab the second press and that the change orders on the project are, so far, within contract contingencies, even with the few supply chain issues that arose, the project should come close to being completed on time.

RAS/Return Activated Sludge Header Replacement

Mr. Romza advised that the project is starting today and should be a relatively quick project as it does involve the shutdown of several processes.

9.0 Other Business

9.1 Technical Advisory Committee Update

10. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, March 10, 2022 at 8:00 a.m.***

Mr. Streicher stated that at this time he does not anticipate the need for a March EOC Committee meeting, but he will confirm at a later date if the meeting is to be cancelled.

Mr. Franz announced the departure of the Village of Glen Ellyn's Finance Director, Christina Coyle, and, introduced the Assistance Finance Director, Patrick Brankin, who will be filling in for her.

Mr. Senak made the motion to adjourn the February 10, 2022 EOC Committee and President Franz seconded the MOTION. President Senak, President Giagnorio, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Buckley and Mr. Goldsmith responded "Aye" during a roll call. The motion carried. The meeting adjourned at 8:21 a.m.

Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary

SECTION 6.2

VOUCHER REPORTS

FEBRUARY 2022

AND

MARCH 2022

**GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
For the meeting in April 2022**

EXPENDITURES:	Check Date	Paid Amount
Accounts Payable Warrant 0222-1	2/15/2022	\$ 215,074.54
Accounts Payable Warrant 0222-2	2/25/2022	\$ 94,872.32
Accounts Payable Warrant 0322-1	3/17/2022	\$ 973,594.38
Accounts Payable Warrant 0322-2	3/31/2022	\$ 579,473.83
		<u>\$ 1,863,015.07</u>
		<u>\$ 1,863,015.07</u>

PAYROLL EXPENDITURES:	February 11, 2022	February 25, 2022	March 11, 2022	March 25, 2022
Net Employee Payroll Checks	<u>\$ 39,998.11</u>	<u>\$ 41,869.12</u>	<u>\$ 39,992.89</u>	<u>\$ 45,963.58</u>

Employee & Employer Payroll Deductions:

Employee Deductions*	\$ 21,078.02	\$ 21,819.62	\$ 20,965.42	\$ 26,259.75	
IMRF - Employer contribution	\$ 3,832.92	\$ 3,817.85	\$ 3,898.96	\$ 4,832.57	
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,494.91	\$ 4,667.97	\$ 4,443.79	\$ 5,320.88	
Total Payroll	<u>\$ 69,403.96</u>	<u>\$ 72,174.56</u>	<u>\$ 69,301.06</u>	<u>\$ 82,376.78</u>	<u>\$ 293,256.36</u>
					<u>\$ 2,156,271.43</u>

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

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1234 NISSEN ENERGY INC										
24965	20210012	01/10/2022		0222-1	3180	98,999.19	02/15/2022	DIR	PD	NISSEN ENERGY - CHP 20,00
1268 JP MORGAN CHASE NA										
1946542		02/07/2022		0222-2	3181	40.00	02/25/2022	DIR	PD	CSWEA - SEMINAR DZIEWIOR
24977		02/07/2022		0222-2	3182	62.94	02/25/2022	DIR	PD	AMAZON - DISPOSABLE FACE
24978		02/07/2022		0222-2	3183	29.97	02/25/2022	DIR	PD	JEWEL - COLD MEDICINE
24979		02/07/2022		0222-2	3184	3.99	02/25/2022	DIR	PD	JEWEL - SYMPATHY CARD
24980		02/07/2022		0222-2	3185	106.32	02/25/2022	DIR	PD	AMAZON - N-95 FACE MASKS
24981		02/07/2022		0222-2	3186	128.92	02/25/2022	DIR	PD	KEURIG - COFFEE SUPPLIES
24982		02/07/2022		0222-2	3187	100.00	02/25/2022	DIR	PD	CHICAGO TRIBUNE - BI-MONT
24983		02/07/2022		0222-2	3188	40.00	02/25/2022	DIR	PD	CSWEA - LUBBEN
24984		02/07/2022		0222-2	3189	25.00	02/25/2022	DIR	PD	IL AWWA - CONFERENCE - PE
24985		02/07/2022		0222-2	3190	25.00	02/25/2022	DIR	PD	IL AWWA - CONFERENCE - CH
24986		02/07/2022		0222-2	3191	89.00	02/25/2022	DIR	PD	AT&T - BACK-UP INTERNET S
24987		02/07/2022		0222-2	3192	127.00	02/25/2022	DIR	PD	TAYST COFFEE - COFFEE SUP
24988		02/07/2022		0222-2	3193	127.00	02/25/2022	DIR	PD	TAYST COFFEE - COFFEE SUP
1946639		02/07/2022		0222-2	3194	69.95	02/25/2022	DIR	PD	SMARTDRAW SOFTWARE - SOFT
24989		02/07/2022		0222-2	3195	-179.00	02/25/2022	CRM	PD	AMAZON - PRIME MEMBERSHIP
24990		02/07/2022		0222-2	3196	359.98	02/25/2022	DIR	PD	BEST BUY. COM - MONITOR
1906932		02/07/2022		0222-2	3197	439.00	02/25/2022	DIR	PD	MISSISSIPPI WELDERS SUPPL
2065514		02/07/2022		0222-2	3198	40.00	02/25/2022	DIR	PD	CSWEA - CONFERENCE REGIST
1946737		02/07/2022		0222-2	3199	12.74	02/25/2022	DIR	PD	ZOOM - VIRTUAL MTGS SERVI
293 VILLAGE OF GLEN ELLYN										
1013198		02/01/2022		0222-2	3200	14,861.50	02/25/2022	DIR	PD	MONTHLY IFT TRANSFER- FEB
538 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY										
25125		02/15/2022		0322-2	3201	512,037.15	03/31/2022	DIR	PD	L17-5180 LOAN PAYMENT #5-
1268 JP MORGAN CHASE NA										

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
1946543		03/07/2022		0322-2	3202	20.00	03/31/2022	DIR	PD	CSWEA - EDUCATIONAL SEMIN	
25146		03/07/2022		0322-2	3203	3.99	03/31/2022	DIR	PD	BEV'S HALLMARK - CARD FOR	
25147		03/07/2022		0322-2	3204	20.00	03/31/2022	DIR	PD	CSWEA - EDUCATIONAL SEMIN	
25148		03/07/2022		0322-2	3205	64.95	03/31/2022	DIR	PD	SHAMROCK GARDENS - FLOWER	
25149		03/07/2022		0322-2	3206	10.99	03/31/2022	DIR	PD	AMAZON - TV REMOTE SECURI	
25150		03/07/2022		0322-2	3207	142.56	03/31/2022	DIR	PD	EINSTEIN'S - BREAKFAST FO	
25151		03/07/2022		0322-2	3208	61.00	03/31/2022	DIR	PD	TAYST.COM - COFFEE SVC.	
1946738		03/07/2022		0322-2	3209	20.00	03/31/2022	DIR	PD	CSWEA - EDUCATIONAL SEMIN	
25152		03/07/2022		0322-2	3210	12.74	03/31/2022	DIR	PD	ZOOM - VIRTUAL MEETINGS S	
1946640		03/07/2022		0322-2	3211	3.98	03/31/2022	DIR	PD	BESTBUY.COM - CABLES	
25153		03/07/2022		0322-2	3212	15.99	03/31/2022	DIR	PD	AMAZON - REMOTE CONTROL S	
25154		03/07/2022		0322-2	3213	199.95	03/31/2022	DIR	PD	WEB NETWORK SOLUTIONS - W	
293 VILLAGE OF GLEN ELLYN											
1013199		03/29/2022		0322-2	3214	14,861.50	03/31/2022	DIR	PD	MONTHLY IFT TRANSFER	
1374 AIR BLOWER SERVICES, INC											
24903		01/26/2022		0222-1	960572	153.21	02/15/2022	INV	PD	MAINT SUPPLIES - JAN 2022	
881 AIRGAS, INC											
24906		01/29/2022		0222-1	960573	1,676.91	02/15/2022	INV	PD	#2027961-LIQUID OXYGEN JA	
24905		02/05/2022		0222-1	960573	77.91	02/15/2022	INV	PD	#2024961-ELECTRONICS CYLI	
						1,754.82					
218 PATTEN INDUSTRIES, INC.											
24907		02/04/2022		0222-1	960574	6,182.62	02/15/2022	INV	PD	#1512901-TRI-ANNUAL FACP&	
1260 APPLIED INDUSTRIAL TECHNOLOGIES INC											
24908		01/28/2022		0222-1	960575	127.85	02/15/2022	INV	PD	#1251999-MAINT SUPPLIES -	
1350 BROADWAY ELECTRIC, INC.											
24909	20200016	02/07/2022		0222-1	960576	61,002.80	02/15/2022	INV	PD	ELECTRICAL POWER DISTRIBU	
37 CDW GOVERNMENT, INC.											
24910		01/31/2022		0222-1	960577	239.68	02/15/2022	INV	PD	#4019738-COMPUTER MONITOR	
47 CINTAS CORPORATION #769											

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
24911		01/24/2022		0222-1	960578	169.90	02/15/2022	INV	PD	#14944758-MAINT SHOP TOWE
			768 CINTAS FIRST AID & SAFETY							
24969		02/11/2022		0222-1	960579	343.07	02/15/2022	INV	PD	#10127979-MONTHLY FIRST A
			1218 COLLEY ELEVATOR CO.							
24912		02/01/2022		0222-1	960580	206.00	02/15/2022	INV	PD	#BE0945-MONTHLY ELEVATOR
			490 COMCAST CABLE COMMUNICATIONS, LLC							
24913		01/25/2022		0222-1	960581	268.42	02/15/2022	INV	PD	#8771200570017919-INTERNE
			481 DELL MARKETING L.P.							
24956		02/10/2022		0222-1	960582	225.02	02/15/2022	INV	PD	#9534597-COMPUTER MONITOR
			78 DUPAGE SECURITY SOLUTIONS, INC.							
24899		12/15/2021		0222-1	960583	503.40	02/15/2022	INV	PD	GWA LOCK SERVICES & REPAI
24914		01/11/2022		0222-1	960583	2,195.00	02/15/2022	INV	PD	LOCK & KEY SVCS - JAN 202
						2,698.40				
			86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC							
24952		02/02/2022		0222-1	960584	352.18	02/15/2022	INV	PD	#81393-01-ELELCTRICAL PAR
			1250 FREDRIKSEN FIRE EQUIPMENT COMPANY							
24915		01/24/2022		0222-1	960585	124.10	02/15/2022	INV	PD	#GLEW02-EXTINGUISHER TAGS
			293 VILLAGE OF GLEN ELLYN							
24967		02/01/2022		0222-1	960586	19.86	02/15/2022	INV	PD	#432720-WATER SVC - NOV/D
24966		02/01/2022		0222-1	960586	555.09	02/15/2022	INV	PD	#610130-WATER SVC - DEC 2
						574.95				
			297 W.W. GRAINGER, INC.							
24917		01/25/2022		0222-1	960587	70.68	02/15/2022	INV	PD	#801764762-MAINT PARTS -
24916		02/03/2022		0222-1	960587	244.20	02/15/2022	INV	PD	#801764762-ELECTRICAL SUP
24959		02/08/2022		0222-1	960587	66.58	02/09/2022	INV	PD	#801764762-ELECTRICAL SUP
24958		02/09/2022		0222-1	960587	-183.27	02/09/2022	CRM	PD	#801764762-CREDIT FOR RET
						198.19				
			743 GROOT, INC							
24918		02/01/2022		0222-1	960588	491.97	02/15/2022	INV	PD	#310769434001-REFUSE SVC
			119 HACH COMPANY							
24920		01/24/2022		0222-1	960589	356.72	02/15/2022	INV	PD	#71607-ANALYZER SOLUTIONS
24919		01/31/2022		0222-1	960589	381.92	02/15/2022	INV	PD	#71607-ANALYZER SOLUTIONS

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
						738.64					
1340 PETRARCA, GLEASON, BOYLE & IZZO LLC											
24921		02/08/2022		0222-1	960590	138.00	02/15/2022	INV	PD	#G2700-LEGAL SVCS -JAN 20	
124 HOME DEPOT USA, INC											
24922		01/26/2022		0222-1	960591	19.98	02/15/2022	INV	PD	#7114-MAINT SUPPLIES - JA	
24923		01/27/2022		0222-1	960591	65.79	02/15/2022	INV	PD	#7114-OPERATIONS SUPPLIES	
24970		02/11/2022		0222-1	960591	163.92	02/15/2022	INV	PD	#7114-ELECTRICAL SUPPLIES	
						249.69					
1166 IDEA MARKETING GROUP, INC											
24924		02/01/2022		0222-1	960592	95.00	02/15/2022	INV	PD	MONTHLY WEB SITE HOSTING	
1147 ILLINOIS AMERICAN WATER COMPANY											
24925		01/26/2022		0222-1	960593	138.77	02/15/2022	INV	PD	#1025220008432566-VVLS WA	
185 KONICA MINOLTA BUSINESS SOLUTIONS INC											
24926		01/25/2022		0222-1	960594	72.06	02/15/2022	INV	PD	#146316-COPIER USAGE-JAN	
157 LEN'S ACE HARDWARE, INC.											
24927		01/28/2022		0222-1	960595	28.72	02/15/2022	INV	PD	#331505-MAINT SUPPLIES -	
24975		02/10/2022		0222-1	960595	24.98	02/15/2022	INV	PD	#331050-OPERATIONS SUPPLI	
						53.70					
295 VILLAGE OF LOMBARD											
24954		02/01/2022		0222-1	960596	24.33	02/15/2022	INV	PD	#30042-001-CSO WATER SVC	
24955		02/01/2022		0222-1	960596	15.35	02/15/2022	INV	PD	#31774-001-GWA WATER SVC	
						39.68					
171 MCMASTER-CARR SUPPLY CO.											
24933		01/13/2022		0222-1	960597	703.20	02/15/2022	INV	PD	#7735700-EYE WASH STATION	
24930		01/21/2022		0222-1	960597	71.83	02/15/2022	INV	PD	#7735700-MAINT SUPPLIES -	
24932		01/26/2022		0222-1	960597	873.71	02/15/2022	INV	PD	#7735700-MAINT SUPPLIES -	
						1,648.74					
178 MICHAEL'S UNIFORM COMPANY, INC.											
24934		01/31/2022		0222-1	960598	666.01	02/15/2022	INV	PD	UNIFORMS-JEANS JAN 2022	
209 NCL OF WISCONSIN INC											
24935		01/28/2022		0222-1	960599	393.14	02/15/2022	INV	PD	#17348-LAB SUPPLIES - JAN	
1372 PEERLESS NETWORK, INC.											
24976		02/15/2022		0222-1	960600	1,237.43	02/15/2022	INV	PD	#1209792-PHONE SVC - FEB/	

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
876 PITNEY BOWES, INC										
24936		01/30/2022		0222-1	960601	180.06	02/15/2022	INV	PD	#16631770-MACHINE RENT -
1070 REVERE ELECTRIC SUPPLY										
24937		01/21/2022		0222-1	960602	161.08	02/15/2022	INV	PD	#105806-ELECTRICAL PARTS
1212 RJN GROUP, INC										
24938	20220002	02/02/2022		0222-1	960603	9,649.00	02/15/2022	INV	PD	FLOW MONITORING SERVICES
24940	20200015	02/03/2022		0222-1	960603	2,180.00	02/15/2022	INV	PD	HYDRAULIC MODEL
24939	20220003	02/02/2022		0222-1	960603	4,370.00	02/15/2022	INV	PD	ENGINEERING SERVICES FOR
						16,199.00				
1370 SHERMCO INDUSTRIES, INC.										
24941	20210017	01/30/2022		0222-1	960604	4,916.00	02/15/2022	INV	PD	BI-ANNUAL CO-GEN GENERATI
24942	20210017	01/30/2022		0222-1	960604	2,478.00	02/15/2022	INV	PD	BI-ANNUAL CO-GEN GENERATI
						7,394.00				
939 STAPLES CONTRACT & COMMERCIAL INC.										
24943		02/01/2022		0222-1	960605	36.28	02/15/2022	INV	PD	#DET1680518-CALENDAR SUPP
24974		02/09/2022		0222-1	960605	34.10	02/15/2022	INV	PD	DET1680518-OFFICE SUPPLIE
						70.38				
464 STRAND ASSOCIATES, INC.										
24900	20180005	12/13/2021		0222-1	960606	4,284.74	02/15/2022	INV	PD	ELECTRICAL DESIGN, ENG SV
24901	20180005	01/14/2022		0222-1	960606	1,568.60	02/15/2022	INV	PD	ELECTRICAL DESIGN, ENG SV
						5,853.34				
738 SUBURBAN LABORATORIES, INC.										
24902		01/27/2022		0222-1	960607	1,165.00	02/15/2022	INV	PD	LAB SERVCIES - DEC 2021
24944		01/31/2022		0222-1	960607	1,125.00	02/15/2022	INV	PD	LAB SERVCIES - JAN 2022
						2,290.00				
271 TERRACE SUPPLY COMPANY										
24946		01/31/2022		0222-1	960608	61.07	02/15/2022	INV	PD	#315850-WELDING CYLINDER
24947		01/26/2022		0222-1	960608	145.53	02/15/2022	INV	PD	#315850-WELDING SUPPLIES-
						206.60				
477 UNITED PARCEL SERVICE, INC										
24949		01/29/2022		0222-1	960609	9.59	02/15/2022	INV	PD	#9YF103-ELECTRONICS FREIG
24948		02/05/2022		0222-1	960609	9.59	02/15/2022	INV	PD	#9YF103-ELECTRONICS FREIG
						19.18				
1344 VEGA BUILDING MAINTENANCE & SUPPLIES INC										
24950	20220001	01/31/2022		0222-1	960610	1,148.00	02/15/2022	INV	PD	JANITORIAL SERVICES

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
988 VERIZON WIRELESS SERVICES LLC											
24964		02/01/2022		0222-1	960611	243.52	02/15/2022	INV	PD	#842065533-00001-REMOTE S	
1359 HUGO VOGELSANG MASCHINENBAU GMBH											
24951		01/31/2022		0222-1	960612	1,328.26	02/15/2022	INV	PD	#109551-MAINT PARTS - JAN	
309 WILKENS-ANDERSON CO.											
24953		01/19/2022		0222-1	960613	397.89	02/15/2022	INV	PD	#3374-LAB SUPPLIES - JAN	
881 AIRGAS, INC											
25005	20220004	02/05/2022		0222-2	960614	1,500.00	02/28/2022	INV	PD	LEASE OF ATMOSPHERIC VAPO	
24904		02/05/2022		0222-2	960614	6,016.05	02/15/2022	INV	PD	#2024961-LIQUID OXYGEN JA	
24968		02/12/2022		0222-2	960614	5,140.39	02/15/2022	INV	PD	#2024691-LIQUID OXYGEN -	
						12,656.44					
1151 ALRO METAL SERVICE CENTER											
24993		02/14/2022		0222-2	960615	938.54	02/28/2022	INV	PD	#157488-MAINT METAL STOCK	
1303 ARCON ASSOCIATES INC											
25006		11/30/2021		0222-2	960616	2,425.00	02/28/2022	INV	PD	#PROJ #21075-NOV SERVICES	
1364 B&B NETWORKS, INC.											
25007		02/23/2022		0222-2	960617	155.00	02/28/2022	INV	PD	TELEPHONE SUPPORT SVCS FE	
942 POWER UP BATTERIES LLC											
24994		02/16/2022		0222-2	960618	6,400.33	02/28/2022	INV	PD	#6307901901-BATTERY REPLA	
958 BAXTER & WOODMAN, INC.											
25008		02/18/2022		0222-2	960619	481.25	02/28/2022	INV	PD	PROJ #190974-31-NPDES PER	
50 COMMONWEALTH EDISON COMPANY											
24995		02/11/2022		0222-2	960620	13.84	02/28/2022	INV	PD	#9243526021-SUNNYBROOK EL	
1248 CONCENTRIC INTEGRATION											
25010		02/18/2022		0222-2	960621	470.26	02/28/2022	INV	PD	PROJ #200932.00-IT SOFTWA	
25009		02/18/2022		0222-2	960621	3,158.75	02/28/2022	INV	PD	#PROJ #202166.00-T&M SUPP	
						3,629.01					
1138 CONSTELLATION ENERGY SERVICES INC											
24996		02/15/2022		0222-2	960622	13,494.47	02/28/2022	INV	PD	#BG-11933-NATURAL GAS - J	
1341 CROWTHER ROOFING & SHEET METAL, INC.											

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
24997	20210013	02/15/2022		0222-2	960623	12,650.00	02/28/2022	INV	PD	2021 BUILDING E&G ROOF RE
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC										
25004		02/10/2022		0222-2	960624	453.59	02/28/2022	INV	PD	#81393-01-ELECTRICAL SUPP
297 W.W. GRAINGER, INC.										
25012		02/21/2022		0222-2	960625	76.50	02/28/2022	INV	PD	#801764762-ELECTRICAL SUP
25011		02/21/2022		0222-2	960625	192.07	02/28/2022	INV	PD	#801764762-SAFETY SIGNAGE
124 HOME DEPOT USA, INC										
25013		02/22/2022		0222-2	960626	116.62	02/28/2022	INV	PD	#7114-ELECTRICAL SUPPLIES
1287 INDEPENDENT BEARING INC										
24999		02/15/2022		0222-2	960627	30.87	02/28/2022	INV	PD	MAINT SUPPLIES - FEB 2022
171 MCMASTER-CARR SUPPLY CO.										
24960		02/04/2022		0222-2	960628	196.88	02/09/2022	INV	PD	#7735700-MAINT SUPPLIES -
24971		02/09/2022		0222-2	960628	837.63	02/15/2022	INV	PD	#7735700-MAINT TOOLS - FE
24972		02/09/2022		0222-2	960628	97.71	02/15/2022	INV	PD	#7735700-MAINT SUPPLIES -
24973		02/09/2022		0222-2	960628	25.75	02/15/2022	INV	PD	#7735700-MAINT SUPPLIES -
25001		02/14/2022		0222-2	960628	203.99	02/28/2022	INV	PD	#7735700-MAINT SUPPLIES -
25000		02/15/2022		0222-2	960628	67.99	02/28/2022	INV	PD	#7735700-MAINT SUPPLIES -
178 MICHAEL'S UNIFORM COMPANY, INC.										
25002		02/14/2022		0222-2	960634	252.26	02/28/2022	INV	PD	BACKORDER FALL/WINTER JEA
206 NORTHERN ILLINOIS GAS COMPANY										
25003		02/09/2022		0222-2	960635	316.49	02/28/2022	INV	PD	#95412930760-SUNNYBROOK G
226 PORTER PIPE AND SUPPLY CO										
24961		02/10/2022		0222-2	960636	120.78	02/15/2022	INV	PD	#1823-MAINT SUPPLIES - FE
1271 SYNAGRO-WWT										
24945		02/01/2022		0222-2	960637	16,128.00	02/15/2022	INV	PD	#3430-BIOSOLIDS HAULING -
1001 TROTTER AND ASSOCIATES, INC.										
24963	20200002	01/30/2022		0222-2	960638	6,402.00	02/15/2022	INV	PD	BIOSOLIDS DEWATERING IMP
1374 AIR BLOWER SERVICES, INC										
25018		02/23/2022		0322-1	960639	59.76	03/15/2022	INV	PD	MAINT SUPPLIES - FEB 2022

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
881 AIRGAS, INC										
25052		01/09/2022		0322-1	960640	1,562.54	03/15/2022	INV	PD	#2024961-LIQUID OXYGEN-JA
25050	20220004	02/28/2022		0322-1	960640	1,500.00	03/15/2022	INV	PD	LEASE OF ATMOSPHERIC VAPO
25014		02/19/2022		0322-1	960640	12,167.12	02/28/2022	INV	PD	#2024961-LIQUID OXYGEN-JA
25019		02/26/2022		0322-1	960640	7,963.71	03/15/2022	INV	PD	#2024961-LIQUID OXYGEN -
25048		03/05/2022		0322-1	960640	3,339.35	03/15/2022	INV	PD	#2024961-LIQUID OXYGEN FE
25099		03/12/2022		0322-1	960640	3,468.63	03/15/2022	INV	PD	#2024961-LIQUID OXYGEN -
25051		03/05/2022		0322-1	960640	70.94	03/15/2022	INV	PD	#2024961-CALIBRATION GAS
						30,072.29				
9 ALEXANDER CHEMICAL CORPORATION										
25020		02/22/2022		0322-1	960641	8,632.96	03/15/2022	INV	PD	#100255-CSO CHEMICALS - F
1246 FOX MARKETING GROUP										
25021		01/25/2022		0322-1	960642	45.00	03/15/2022	INV	PD	#1535-BUSINESS CARDS - JA
877 ALLIED ELECTRONICS										
25100		03/04/2022		0322-1	960643	245.32	03/15/2022	INV	PD	#10057576-ELECTRICAL PART
942 POWER UP BATTERIES LLC										
25056		03/03/2022		0322-1	960644	237.59	03/15/2022	INV	PD	#6307901901-UPS BATTIERS
25057		03/07/2022		0322-1	960644	-237.59	03/07/2022	CRM	PD	#6307901901-RETURNED ITEM
25054		03/07/2022		0322-1	960644	263.99	03/15/2022	INV	PD	#6307901901-REPLACEMENT B
						263.99				
1350 BROADWAY ELECTRIC, INC.										
25090	20200016	02/27/2022		0322-1	960645	23,898.05	03/15/2022	INV	PD	ELECTRICAL POWER DISTRIBU
33 CALCO, LTD.										
25022		02/22/2022		0322-1	960646	195.00	03/15/2022	INV	PD	#8061-LAB CHEMICALS-FEB 2
1349 CAROLLO ENGINEERS, INC										
25101		03/09/2022		0322-1	960647	2,260.50	03/15/2022	INV	PD	PROJ #11983A00-CONSULTING
1160 CHICAGO METROPOLITAN FIRE PREVENTION CO.										
25023		02/21/2022		0322-1	960648	210.00	03/15/2022	INV	PD	#6799-VVLS ANNUAL ALARM I
25024		02/21/2022		0322-1	960648	210.00	03/15/2022	INV	PD	#6799-STCLS-ANNUAL ALARM
						420.00				
47 CINTAS CORPORATION #769										
25025		02/21/2022		0322-1	960649	169.90	03/15/2022	INV	PD	#14944758-MAINT SHOP TOWE
768 CINTAS FIRST AID & SAFETY										
25102		03/11/2022		0322-1	960650	309.56	03/15/2022	INV	PD	#10127979-FIRST AID SUPPL

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
1218 COLLEY ELEVATOR CO.											
25058		03/01/2022		0322-1	960651	206.00	03/07/2022	INV	PD	#BE0945-MONTLY ELEVATOR S	
490 COMCAST CABLE COMMUNICATIONS, LLC											
25026		02/25/2022		0322-1	960652	269.71	03/15/2022	INV	PD	#8771200570017919-INTERNE	
845 DAHME MECHANICAL INDUSTRIES INC											
25098	20210016	02/28/2022		0322-1	960653	78,888.88	03/15/2022	INV	PD	RAS FINAL SLUDGE HEADER	
994 DIRECT ENERGY MARKETING, INC.											
25059		02/18/2022		0322-1	960654	49,148.09	03/07/2022	INV	PD	#1152328-ELECTRICAL USAGE	
293 VILLAGE OF GLEN ELLYN											
25089		03/01/2022		0322-1	960655	19.86	03/15/2022	INV	PD	#43272-WATER SVC - DEC/DA	
25088		03/01/2022		0322-1	960655	535.72	03/15/2022	INV	PD	#610130-WATER SVC - JAN 2	
						555.58					
297 W.W. GRAINGER, INC.											
25092		01/27/2022		0322-1	960656	305.18	03/15/2022	INV	PD	#801764762-LUNCHROOM SUPP	
25067		02/22/2022		0322-1	960656	134.80	03/15/2022	INV	PD	#801764762-JANITORIAL SUP	
25027		02/24/2022		0322-1	960656	183.27	03/15/2022	INV	PD	#801764762-MAINT TOOL - F	
25061		02/24/2022		0322-1	960656	217.82	03/07/2022	INV	PD	#801764762-MAINT TOOL - F	
25066		03/02/2022		0322-1	960656	51.39	03/15/2022	INV	PD	#801764762-OPERATIONS SUP	
25065		03/03/2022		0322-1	960656	223.55	03/15/2022	INV	PD	#801764762-MAINT SUPPLIES	
25064		03/03/2022		0322-1	960656	47.98	03/15/2022	INV	PD	#801764762-MAINT TOOLS -M	
25063		03/04/2022		0322-1	960656	6.82	03/15/2022	INV	PD	#801764762-ELECTRICAL TOO	
25062		03/07/2022		0322-1	960656	-217.82	03/07/2022	CRM	PD	#801764762-RETURNED ITEM	
25060		03/07/2022		0322-1	960656	44.36	03/07/2022	INV	PD	#801764762-MAINT TOOLS -	
25091		03/09/2022		0322-1	960656	-183.27	03/15/2022	CRM	PD	#801764762-MAINT RETURNED	
25103		03/10/2022		0322-1	960656	9.56	03/15/2022	INV	PD	#801764762-ELECTRICAL TOO	
25107		03/11/2022		0322-1	960656	244.69	03/15/2022	INV	PD	#801764762-HEARING PPE -	
						1,068.33					
743 GROOT, INC											
25029		03/01/2022		0322-1	960657	428.97	03/15/2022	INV	PD	#310769434001-REFUSE SVC	
1340 PETRARCA, GLEASON, BOYLE & IZZO LLC											
25093		03/09/2022		0322-1	960658	690.00	03/15/2022	INV	PD	G2700-GENERAL LEGAL SERVC	
124 HOME DEPOT USA, INC											
25068		03/07/2022		0322-1	960659	191.40	03/15/2022	INV	PD	#7114-MAINT SUPPLIES - MA	
25114		03/15/2022		0322-1	960659	265.69	03/15/2022	INV	PD	#7114-ELECTRICAL SUPPLIES	
						457.09					
1166 IDEA MARKETING GROUP, INC											

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25030		03/01/2022		0322-1	960660	95.00	03/15/2022	INV	PD	#GWA-MONTHLY WEB HOSTING
1147 ILLINOIS AMERICAN WATER COMPANY										
25031		02/23/2022		0322-1	960661	138.14	03/15/2022	INV	PD	#1025220008432566-VVLS WA
1353 INDEPENDENT MECHANICAL INDUSTRIES, INC.										
25017	20210009	01/31/2022		0322-1	960662	560,808.45	02/28/2022	INV	PD	BIOSOLIDS DEWATERING IMPR
25015	20210009	01/24/2022		0322-1	960662	144,616.81	02/28/2022	INV	PD	BIOSOLIDS DEWATERING IMPR
414 COLLCORP										
24511		10/19/2021		0322-1	960663	6,600.00	11/15/2021	INV	PD	UV SYSTEM REPLACEMENT PAR
185 KONICA MINOLTA BUSINESS SOLUTIONS INC										
25069		02/25/2022		0322-1	960664	100.95	03/15/2022	INV	PD	#146316-COPIER USAGE - FE
157 LEN'S ACE HARDWARE, INC.										
25032		03/01/2022		0322-1	960665	3.99	03/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25070		03/08/2022		0322-1	960665	35.98	03/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
1333 LOGSDON STATIONERS, INC										
25071		03/04/2022		0322-1	960666	43.48	03/15/2022	INV	PD	#135872-01-OFFICE SUPPLIE
295 VILLAGE OF LOMBARD										
25086		03/01/2022		0322-1	960667	15.35	03/15/2022	INV	PD	#31774-001-WATER SERVICE
25087		03/01/2022		0322-1	960667	15.35	03/15/2022	INV	PD	#30042-001-CSO WATER SVC
171 MCMASTER-CARR SUPPLY CO.										
25078		02/28/2022		0322-1	960668	39.87	03/15/2022	INV	PD	#7735700-MAINT SUPPLIES -
25075		02/28/2022		0322-1	960668	67.30	03/15/2022	INV	PD	#7735700-MAINT SUPPLIES -
25077		03/01/2022		0322-1	960668	22.48	03/15/2022	INV	PD	#7735700-MAINT PARTS - MA
25076		03/02/2022		0322-1	960668	260.37	03/15/2022	INV	PD	#7735700-MAINT TOOLS - MA
25074		03/03/2022		0322-1	960668	65.08	03/15/2022	INV	PD	#7735700-MAINT SUPPLIES-M
25072		03/03/2022		0322-1	960668	52.14	03/15/2022	INV	PD	#7735700-MAINT SUPPLIES -
25073		03/03/2022		0322-1	960668	296.10	03/15/2022	INV	PD	#7735700-MAINT TOOLS - MA
25108		03/10/2022		0322-1	960668	2,148.06	03/15/2022	INV	PD	#7735700-MAINT TOOLS & SU
199 NEUCO, INC.										
25033		02/24/2022		0322-1	960669	1,509.54	03/15/2022	INV	PD	#GL016-ELECTRICAL PARTS -
25079		03/08/2022		0322-1	960669	272.37	03/15/2022	INV	PD	#GL016-ELECTRICAL PARTS -

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION	
						1,781.91					
206 NORTHERN ILLINOIS GAS COMPANY											
25104		03/10/2022		0322-1	960670	237.53	03/15/2022	INV	PD	#9541293076-NATURAL GAS -	
209 NCL OF WISCONSIN INC											
25016		02/23/2022		0322-1	960671	636.74	02/28/2022	INV	PD	#17348-LAB SUPPLIES - FEB	
873 THE PITNEY BOWES BANK, INC											
25080		03/06/2022		0322-1	960672	122.00	03/15/2022	INV	PD	#8000909005198416-POSTAGE	
952 PROGRAM ONE PROFESSIONAL BUILDING SERVICES INC.											
25035		11/30/2021		0322-1	960673	232.00	03/15/2022	INV	PD	#8280-223488-WINDOW CLEAN	
25034		02/28/2022		0322-1	960673	232.00	03/15/2022	INV	PD	#8280-223488-WINDOW CLEAN	
						464.00					
233 PVS MINIBULK, INC											
25036		02/23/2022		0322-1	960674	6,283.99	03/15/2022	INV	PD	#42485-CSO CHEMICALS - FE	
412 NESTLE WATERS NORTH AMERICA											
25082		03/08/2022		0322-1	960675	19.93	03/15/2022	INV	PD	#8100616302-BOTTLED WATER	
180 RELADYNE -MID-TOWN PETROLEUM INC.											
25094		03/08/2022		0322-1	960676	667.78	03/15/2022	INV	PD	#11-0002836-MAINT SUPPLIE	
1212 RJN GROUP, INC											
25038	20220002	02/28/2022		0322-1	960677	9,649.00	03/15/2022	INV	PD	FLOW MONITORING SERVICES	
25083	20220003	03/04/2022		0322-1	960677	7,765.00	03/15/2022	INV	PD	ENGINEERING SERVICES FOR	
						17,414.00					
939 STAPLES CONTRACT & COMMERCIAL INC.											
25042		02/26/2022		0322-1	960678	12.99	03/15/2022	INV	PD	#DET1680518-LUNCHROOM SUP	
25041		02/24/2022		0322-1	960678	16.07	03/15/2022	INV	PD	DET1680518-OFFICE/LUNCHRO	
25039		02/24/2022		0322-1	960678	14.99	03/15/2022	INV	PD	#DET1680518-OFFICE SUPPLI	
25040		02/25/2022		0322-1	960678	5.78	03/15/2022	INV	PD	DET1680518-OFFICE SUPPLIE	
25105		03/08/2022		0322-1	960678	50.97	03/15/2022	INV	PD	DET1680518-OPERATIONS SUP	
25106		03/02/2022		0322-1	960678	73.99	03/15/2022	INV	PD	#DET1680518-FOG MANIFEST	
						174.79					
738 SUBURBAN LABORATORIES, INC.											
25043		02/28/2022		0322-1	960679	1,644.00	03/15/2022	INV	PD	LAB SERVICES-JAN 2022	
25044		02/28/2022		0322-1	960679	750.00	03/15/2022	INV	PD	LAB SERVICES - FEB 2022	
						2,394.00					
1181 SWANSON FLO CO											

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25097		03/09/2022		0322-1	960680	224.75	03/15/2022	INV	PD	#1032521-ELECTRICAL- SVC- 1271 SYNAGRO-WWT
25085		03/01/2022		0322-1	960681	17,203.20	03/15/2022	INV	PD	#3430-SLUDGE HAULING - FE 1375 SYSERCO MIDWEST INC
25084		01/28/2022		0322-1	960682	247.00	03/15/2022	INV	PD	HVAC CONTROLS SERVICE SUP 271 TERRACE SUPPLY COMPANY
25046		02/28/2022		0322-1	960683	55.16	03/15/2022	INV	PD	#315850-WELDING CYLINDER 1001 TROTTER AND ASSOCIATES, INC.
25112	20220005	02/27/2022		0322-1	960684	10,444.00	03/15/2022	INV	PD	ENGINEERING SERVICES 2022 289 HD SUPPLY FACILITIES MAINT LTD
25113		03/01/2022		0322-1	960685	145.14	03/15/2022	INV	PD	#222656-LAB SUPPLIES-MAR 1344 VEGA BUILDING MAINTENANCE & SUPPLIES INC
25047	20220001	03/02/2022		0322-1	960686	1,125.00	03/15/2022	INV	PD	JANITORIAL SERVICES 988 VERIZON WIRELESS SERVICES LLC
25095		03/01/2022		0322-1	960687	243.58	03/15/2022	INV	PD	#842065533-00001-REMOTE S 218 PATTEN INDUSTRIES, INC.
25116		03/23/2022		0322-2	960688	103.25	03/31/2022	INV	PD	#1512901-MAINT PART - MAR 1350 BROADWAY ELECTRIC, INC.
25137	20200016	03/31/2022		0322-2	960689	16,575.75	03/31/2022	INV	PD	ELECTRICAL POWER DISTRIBU 1100 CARLSON PAINT, GLASS & ART STORES, INC.
25117		03/02/2022		0322-2	960690	137.34	03/31/2022	INV	PD	ELECTRICAL SCREEN REPAIRS 47 CINTAS CORPORATION #769
25134		03/21/2022		0322-2	960691	169.90	03/31/2022	INV	PD	#14944758-MAINT SHOP TOWE 1248 CONCENTRIC INTEGRATION
25119		03/18/2022		0322-2	960692	157.70	03/31/2022	INV	PD	PROJ #200932.00-IT EQUIPM
25120		03/18/2022		0322-2	960692	928.63	03/31/2022	INV	PD	PROJ #202166.00-T&M SUPPO
						1,086.33				
										62 PADDOCK PUBLICATIONS, INC

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25140		03/20/2022		0322-2	960693	92.00	03/31/2022	INV	PD	112117 - LEGAL NTC - MAR
297 W.W. GRAINGER, INC.										
25124		03/14/2022		0322-2	960694	30.20	03/31/2022	INV	PD	#801764762-ELECTRICAL PAR
25123		03/18/2022		0322-2	960694	367.10	03/31/2022	INV	PD	#801764762-ELECTRICAL MOT
1133 LAUTERBACH & AMEN, LLP										
25155		03/14/2022		0322-2	960695	10,000.00	03/31/2022	INV	PD	GWA AUDIT SERVICES
171 MCMASTER-CARR SUPPLY CO.										
25129		03/11/2022		0322-2	960696	511.76	03/31/2022	INV	PD	#7735700-MAINT SUPPLIES -
25128		03/15/2022		0322-2	960696	11.87	03/31/2022	INV	PD	#7735700-MAITN SUPPLIES -
25141		03/23/2022		0322-2	960696	517.18	03/31/2022	INV	PD	7735700 - BLDG MTNCE - MA
1376 MIDWAY TRAILER SALES										
25136		03/25/2022		0322-2	960697	9,318.00	03/31/2022	INV	PD	ROLLING STOCK PURCHASE TI
759 NORTHERN SAFETY CO., INC.										
25135		03/18/2022		0322-2	960698	411.30	03/31/2022	INV	PD	#10970382-EYE WASH BOTTLE
1168 NORTHERN TOOL & EQUIPMENT										
25131		03/18/2022		0322-2	960699	195.98	03/31/2022	INV	PD	#199902-MAINT TOOLS - MAR
1372 PEERLESS NETWORK, INC.										
25132		03/15/2022		0322-2	960700	1,214.19	03/31/2022	INV	PD	#1209792-PHONE SVC - MAR/
224 POLYDYNE INC										
25109		03/10/2022		0322-2	960701	10,143.00	03/15/2022	INV	PD	#103379-POLYMER - MAR 202
939 STAPLES CONTRACT & COMMERCIAL INC.										
25133		03/18/2022		0322-2	960702	98.22	03/31/2022	INV	PD	DET1680518-OFFICE/LUNCHRO
25143		03/26/2022		0322-2	960702	-8.49	03/26/2022	CRM	PD	DET-1680518 - CM ORIG INV
1001 TROTTER AND ASSOCIATES, INC.										
25110	20200002	02/27/2022		0322-2	960703	560.15	03/15/2022	INV	PD	BIOSOLIDS DEWATERING IMP
988 VERIZON WIRELESS SERVICES LLC										
25138		03/18/2022		0322-2	960704	464.00	03/31/2022	INV	PD	687026363-00001 TELECOMMU

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
240 INVOICES						1,863,015.07				

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

SECTION 6.3

CHP MEDIA PURCHASE APPROVAL

MEMORANDUM

TO: Matt Streicher, Executive Director
FROM: Andrew Pakosta, Operations Superintendent
DATE: April 14, 2022
RE: CHP H2S Removal Media



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.

Company	Cost of the Media
Chemical Products	\$ 25,452.00
Unison Solutions	\$ 24,498.00
Schlumberger	\$ 20,179.36

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, it is preferred to have the media onsite and available in an effort to minimize the down time of the engines.

I recommend that we stay with the Unison media even though the Quote from Schlumberger is lower. The Schlumberger product requires potable water injection when treating saturated gas and therefore would require a potable water line tap into the existing methane pipe before the H2S media tank. We know the Unison media is effective and does not require any special modifications to the gas conditioning system making it the most responsible choice. In addition, the potable water costs and the required modifications associated with the Schlumberger product would be substantial over the life expectancy of the H2S media, and therefore close the gap between the Unison product cost.

In the 2022 GWA budget, staff allocated \$100,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. These quotes are an estimate due to varying shipping costs and is dependent on the final approval date. This purchase is below the budgeted amount and leaves remaining funds for the purchase of the siloxane conditioning media at a later date.

SECTION 7.0

REQUEST FOR AUTHORIZATION TO APPROVE PROPOSAL FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT SPECIAL CONDITION ASSISTANCE

MEMORANDUM

TO: Executive Oversight Committee

FROM: Ashley Staat, Environmental Resources Coordinator

DATE: April 14, 2022

RE: **Request for Approval**
Request to Authorization to Approve Proposal for National Pollutant Discharge Elimination System (NPDES) Permit Special Condition Assistance



In early 2022 the Authority received its renewed NPDES Permit's for both the main plant and the Combined Sewer Outfall (CSO) plant. The NPDES permits are mandated at a federal level by the United States Environmental Protection Agency, who delegates authority to the Illinois Environmental Protection Agency (IEPA). These permits essentially dictate the operation of the Authority, by setting pollutant removal requirements, water quality standards, operating requirements, special condition projects, and other various requirements.

Traditionally, these permits are renewed every 5 years, at which time the IEPA (through the USEPA) may impose new permit requirements or special conditions. The Authority's previous permits had expired August 31, 2020. Many of the special conditions were being negotiated over the two years it took to issue the new permit. Although most of the pollutant removal requirements and water quality standards have not changed in the new permits, many of the special conditions require studies, evaluations, or other written reports to be completed each permit cycle. In addition, several new requirements in the special conditions have been added.

Although many of the special condition requirements will be completed in-house by Authority staff, due to both the complexity and the volume of work to complete several of the requirements, Authority staff will need assistance from a consulting engineer familiar with the NPDES process. The Authority retained Baxter & Woodman, Inc. in 2015 to assist in completing the special condition requirements for the last permit cycle, and also retained their services when applying to renew the existing permit in 2020. Therefore, based on section 2A of the professional services policy adopted by the EOC, this is considered a continuing relationship based on continuing work that Baxter & Woodman successfully performed work for the Authority in this specific area in the past. In addition, Baxter & Woodman is performing this same scope of work for many of the other special condition permit holders in the DuPage River Salt Creek Workgroup. Since many of the special conditions are the same in each permit, this allows them to be more efficient and have a better scale of economy when addressing the Authority's special conditions.

There are three major components of this project; the local limits evaluation, the Capacity, Management, Operations, and Maintenance (CMOM), and the Combined Sewer Outfall Plan Updates. The CMOM Plan and CSO Plans will begin immediately and are due back to the IEPA at the beginning of the 2023. Those two components (total of \$19,400) will be charged to CY2022's budget Fund 270-520816, which has \$20,000 budgeted currently. The local limits evaluation (\$24,000) will begin in 2023, and will be charged to CY2023's budget Fund 270-530107 (once approved by the EOC).

Therefore, it is recommended that the EOC allow waiving of the RFP process for selecting a consultant, and authorize the Authority to award Baxter & Woodman, Inc. the contract for the National Pollutant Discharge Elimination System (NPDES) Permit Special Condition Assistance in the amount not to exceed \$43,400.

SECTION 8.0

DISCUSSION

SECTION 8.1

CAPITAL IMPROVEMENT PROJECTS UPDATE

CAPITAL IMPROVEMENTS PROJECT UPDATE



- MEDIUM VOLTAGE ELECTRICAL GRID REPLACEMENT
 - BIOSOLIDS DEWATERING IMPROVEMENT PROJECT (BDIP)
 - RAS HEADER REPLACEMENT
-



MEDIUM VOLTAGE ELECTRIC GRID

Change Orders

- Without ComEd change, overall price reductions outweigh the price increases, and the allowance is still untouched

Remaining

- Punchlist and Restoration
- Substantial Completion late March
- Final Completion pushed to late May to allow for restoration to become established

Claim

- Contractor is attempting to claim material price escalations





BDIP

- First & Second Rehabs are done
- Change Orders are still negative
- Final items being completed, punch list being put together





RAS HEADER REPLACEMENT

- New Header Installed in a single day
- Actuator Replacements Underway
- Mag Meter Replacements Underway



Primary Clarifier/Gravity Thickener Improvements



- Kickoff Meeting held in March
- IEPA Low Interest Loan Funding Nomination form Submitted to reserve funds
- Staff starting to consider manufacturers to evaluate
- Consultant working on design alternatives



SECTION 8.2

FIRE MONITORING PANEL FUTURE APPROVAL DISCUSSION

SECTION 9.0

OTHER BUSINESS

SECTION 9.1

TECHNICAL ADVISORY COMMITTEE UPDATES

MINUTES

FEBRUARY 17, 2022

MEETING



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 February 17, 2022 2:00pm

Meeting start 2:00 PM Attending: Tom Romza, Matt Streicher, Dave Buckley, Carl Goldsmith

1. Electrical Grid Construction Update
 - a. Accident Report sent to Insurance Company
The accident report was sent to our insurance company per our attorneys.
CHANGE ORDERS – GWA recently received a request for Change Order 18 and 19. CO 18 was for material price escalation in two parts, PVC price increase and cable price increase. The PVC price increase was previously denied by GWA in July of 2021, and GWA plans to deny the cable price increase as well. GWA has sent the CO to our legal team for evaluation before responding.
The transformer arc that was discussed previously has shown to have caused minimal damage to the equipment and BEI will continue to turn over the grid over the next couple of weeks.
2. Biosolids Dewatering Improvements Project (BDIP) Update
The first rehab has been completed for roughly one week and the press has been performing well. IMI plans to start the next rehab on 2/23 and should be done within 15 days. Once that is complete, the big parts of this project are done and minor aspects will be completed, closing out the project.
3. RAS Header Update
DMI was on site last week replacing the RAS header with stainless steel pipe. They finished the job within 12 hours, which is significantly shorter than the week-long project that was estimated. This was extremely efficient and appreciated. Credit goes to DMI and the maintenance department for getting this done quickly.
4. SRI Actuator Purchase
This is just a heads up as a large-ish purchase in the future. It is a low hanging fruit item for energy savings. Basically, the SRI lift station runs nonstop, but only NEEDS to run during high flow when the NRI can back up the SRI. Installing an actuator on the bypass gate to put the lift station in service only during high flow would be beneficial for energy efficiency. GWA was planning on reusing an old actuator, but our actuators on the shelves are not big enough or the correct type of actuator, so GWA is looking into purchasing and installing a new actuator in house. With possible ComEd incentives, the ROI for the actuator would be 1 – 2 years due to the large estimated energy savings. GWA would also see savings in maintenance as there would be less wear and tear on the pumps. TAC agrees with the approach even though the actuator was not budgeted for.
5. Interceptor/VVFM Design Update
Tom is applying for a Grant opportunity through American Water Company to offset costs on getting the force main inspected. Carl asked who pays for any upgrades to the lift station, and why Lombard's capital contribution would go towards items that only benefit unincorporated residents. Maybe the IGA addresses this, but the question is, does the Village of Lombard pay for any upgrades needed to the Valley View Lift Station? Matt – Part of the new agreement that made flow billing simpler was to include these assets into the flow spit. Carl – does it make sense to continue to do it this way, or is there way to section off these assets in a more fair and tributary way? The capital component to the ILAW bill should be used to do improvements to the Valley View Lift Station so that Lombard or Glen Ellyn don't pay for things that affect that particular part of the system. Ultimately it costs Glen Ellyn and Lombard residents to do improvements to the unincorporated area. Is this something that we should throw on the table and talk about with the EOC. Dave mentioned possibly reaching out to Christina and dig into the IGA more.
6. House Demo
GWA has it in the budget to demolish the new house to the North, GWA is paying for the electric and gas, so why not demo sooner rather than later. GWA has similar specs put together from the previous house

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demo, so the plan is to advertise soon and bring the results and contractors to the TAC and EOC in the future.

7. Nissen Invoice
 - a. Extra \$6.7k beyond what was approved
During the 20k hour service interval, GWA received invoices after the work was done for 6.7k more than what was approved. Matt talked to the owner to explain that this is unacceptable and the issue has since been dropped.
8. ILAM Proposed Rate Increase to ICC
ILAW proposed to their constituents that there might be an increase in their bill due to the cost in "wastewater treatment" which is not true on the behalf of GWA. Therefore, GWA may do a public relations campaign to educate the ILAW service area on GWA's lack of involvement in their rates and inform that GWA may treat the sewage but any billing issue should be taken up with ILAW.
9. USP Price Increase
 - a. Force Majeure – but per contract it states 4%.
GWA received a force majeure letter that stated they will be raising our rates, but only to the allowable 4% that was signed in the contract.
10. Succession Plans
 - a. Lead Operator Position
This idea had come up during the Operation Superintendent interviews to alleviate some of the responsibility from the new Superintendent and provide another opportunity for another operator to move up in pay and maintain GWA's outstanding operator retention. With the pay increase, there would be a number of increased responsibilities, including part-timer reports, safety committee chair, and other responsibilities. The approved budget does have a lot of room to create this position, so GWA is looking to create this position. Carl – might not be a bad idea to inform the EOC when this occurs because it is outside of the approved budget narrative. Dave – Also make sure that Glen Ellyn (Mark and Emily) are ok with this strategy according to Glen Ellyn's policies. But the TAC is in agreement with the strategy.
 - b. See attached chart
The existing org chart highlights the natural successor for each leadership position. However, our electrical superintendent position would require a significant amount of consultant effort to do much of his work. Dave – it would be beneficial for the org chart to show the reporting structure a bit more clearly. Matt – Tom will make it pretty.
 - c. IT Position
In discussion with Rick, it was pointed out that to be part of MICA, GWA has to meet 6 criteria to stay eligible for cyber insurance. This has put an extra burden on Rick as the in-house IT handler. Especially with required additional verification through cell phones and the corresponding need to provide devices to more of the GWA staff. Adding an IT position would help out with succession planning for Rick and with facility responsibilities in general. If GWA can bring this position on while Rick is still here, then they can be trained in SCADA and take that over eventually. This is preliminary thinking but GWA would like to evaluate in more detail once the operations department is more settled. Dave – Would Glen Ellyn's IT department be able to manage our IT more directly since GWA has to follow these requirements as part of Glen Ellyn's insurance? If its not a full-time job, it might make sense to tap into the IT of Glen Ellyn and figure out the overhead fees. More discussion to come.
11. Cyber Security
 - a. GWA issued cell phones/stipends may be necessary
Based on insurance requirements, GWA may need to issue everyone phones, which will take our accounts from 10 to 19. Dave – this is not something that necessarily needs approval so do what you got to do if need be.
12. Hydraulic Modeling Update
Tom will share the reports and set up a meeting with both Villages.
13. NPDES Permit Update
All new permits are effective and Tom has reached out to Baxter and Woodman for a proposal to help GWA complete some of the special conditions to make sure that all permits are satisfied. This will likely need Mark approval but not necessarily EOC approval.
 - a. CSO Permit effective 2/1/22
 - b. Special Condition Requirements



Glenbard Wastewater Authority

945 Bemis Road Glen Ellyn, Illinois 60137
Telephone: 630-790-1901 – Fax: 630-858-8119

- i. Proposal from B&W
- 14. Solar Energy

President Senak had eyed GWA for a solar grant from a local citizen of \$25k that the forest preserve also recently received. GWA has looked into certain solar power PPAs to get solar on site, but those all involve a 20 – 30 year agreement that isn't necessarily a "good deal". The forest preserve project purchased the solar panels and have a maintenance contract with an outside service that is very reasonably priced. GWA has deemed that purchasing the solar field is likely a better option and an engineering firm is probably necessary to evaluate options and come up with a cost estimate. GWA recommends that we budget for a feasibility study next year and bring on an expert. TAC does not have a problem with this but its probably an EOC item for discussion when an ROI is determined after the feasibility study.
- 15. Engineering Shortlist Update

GWA has asked our existing shortlist for updated SOQs and has gotten several other firms interested. GWA will likely review the SOQs and produce a new shortlist in the summer.

 - a. Complete by 6/2022
- 16. Old Business
 - a. USEPA Inspection

GWA still hasn't gotten the final report, but will have to follow up on the following items. Ashley has been having discussions with each Village on these topics and will follow up once the report has been finalized.

 - i. SUO updates
 - ii. IGA renewals
 - b. 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**

Carl – there are 2 regulators that aren't on the CSO property so the question on who is responsibly for these is still in the air. Carl is talking with his staff on their opinions and will come back soon with more thoughts.
 - iv. Any others that can be added

MINUTES

MARCH 24, 2022

MEETING



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 24, 2022 10:00am

Present: Carl Goldsmith, Dave Buckley, Matt Streicher, Ashley Staat (for Items 10.a and c)

Absent: Tom Romza

1. Open Positions

Currently, GWA is advertising for a new Assistant Director, and a Plant Operator

a. Org Chart/Succession Planning

The organizational chart has been updated to reflect the proper structure, and includes minor information on key positions succession plans in the event of an unannounced departure.

2. Electrical Grid Construction Update

The construction is nearly complete, with only some demolition and restoration remaining. Substantial completion is very near, however, per GWA's suggestion, final completion has been moved to late May to allow the contractor to complete all the punchlist items, and for vegetation to become established before the contractor leaves the site. Matt also notified the TAC that GWA received a letter from the contractor's attorney stating that GWA had caused delays on the project, and therefore, they were due to material price escalations they've previously tried to claim. After working with GWA's legal team, the letter had no validity, and at this point in time any options they had to mediate have expired. However, GWA is still willing to meet with the contractor, and seeing that they still have a sizeable punchlist to address – it may be in GWA's best interest to agree to some additional payment. This project is still under the original contract amount, so the TAC agreed with this approach.

3. Biosolids Dewatering Improvements Project (BDIP) Update

The second belt filter press was completed a couple of weeks ago, and everything has been running smoothly. The contractor still has some minor items to wrap up, such as doors and windows, but the majority of the project is complete and went well. There will be a slight time extension request, which was no fault of the contractor, but instead a manufacturer. There will be no additional cost to GWA, and in fact, a price reduction change order is on track to be issued

4. Interceptor/VVFM Design Update

RJN had completed the force main inspection using a newer technology, they are still waiting on the data to be sent to them, at which time they'll put it in a report to share with GWA

5. Overtime Policy

a. See memo

Dave Buckley had a discussion with Emily Rodman and decided this was a moot point. GWA is a division of Glen Ellyn PW, and therefore those same policies apply to GWA

6. Hydraulic Modeling Update

GWA will follow up with the Village's to schedule a meeting to go over the hydraulic model report, and the annual I&I report

7. Airgas Agreement

After the EOC awarded the bid from Airgas for the supply of liquid oxygen and leasing of atmospheric vaporizers, the signed agreement was sent to them for signature. However, they returned a different agreement substituting their terms and conditions, many of which were different than what was stated in the bid documents. GWA is working with it's legal team to settle these matters, however, since Airgas submitted the signed bid, they should be obligated to follow GWA's terms and conditions.

8. CHP Media

About once a year GWA has to replace the media that scrubs the gas of hydrogen sulfides before it's consumed in the CHP engines. This media needs to be ordered, and will need EOC approval. Matt did not

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have exact prices at the moment, but this is a routine purchase, and will follow the purchasing policy in terms of competitive pricing. The TAC agreed with the approach and recommends approval to the EOC.

9. Solar Energy

- a. Begin Feasibility Study this calendar year
 - i. Budget Amendment?

The \$25k offer from private residents expires at the end of this month, but the offered to extend it into CY2023, and it is only applicable towards the construction of a solar array. Matt stated that without starting a feasibility study this calendar year, construction would not be possible in CY23, and GWA did not budget for such a study this year. Therefore, GWA was seeking guidance from the TAC on whether or not to amend the budget and perform a study this year, or simply budget to perform the study next calendar year. The TAC agrees that should not drive our timeline, as that offer will be a minimal amount when it comes to the entire cost of the installation. Matt will budget for a feasibility study in CY23

10. Old Business

a. USEPA PCI Inspection

- i. Amend IGA between VOL & VOGÉ
- ii. Amend IGA's between Villages and other entities

Ashley Staat sat in the TAC meeting to bring the TAC up to speed on the official "area's of concern" that were issued as a result of the USEPA's pretreatment compliance inspection that occurred in January 2022. Most of the findings Ashley is able to address, however, some of them will require modifications to the Village's sewer use ordinances, and the intergovernmental agreements. Although the modifications are simple and will just need to include additional language in the documents, all ordinances and IGA's are approved by the Village boards. The TAC agrees with the approach, and will wait for further direction from Ashley. Ashley needs to respond to the USEPA by April 1 with a timeline of when these modifications will occur. The TAC and Ashley agree that we'll propose a 24 month compliance schedule.

b. Hydraulic Modeling Update

RJN Group would like to present the findings from the hydraulic model to the Village's public works departments, along with the annual inflow and infiltration report that they provide GWA. Tom Romza is working on scheduling a date for this, and will be employed with RJN when the meeting occurs.

c. NPDES Permit Update

No update – this should have been removed from the agenda

d. Special Condition Requirements

- i. Proposal from B&W

GWA has received a proposal from Baxter & Woodman to assist in addressing all of the special conditions in GWA's new NPDES permits. GWA will request the EOC to waive the competitive RFP process for selecting this firm, mainly since this is a continuation of existing work B&W has performed, and they are the most qualified firm for this work on GWA's shortlist.

e. Engineering Shortlist Update

- i. SOQ's due by March 16

GWA received statement of qualifications back from all of it's existing shortlist firms, along with several new firms that are interested in being on the shortlist. Matt will share the SOQ's with the Superintendents for evaluation, and bring the findings to the TAC at a later date. Matt admitted that due to staff shortage, this may not occur as quickly as originally planned.

f. 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

Carl is still looking into locations of sewer lines and what Lombard records state.

SECTION 10.0

NEXT EOC MEETING

THURSDAY,

MAY 12TH

AT 8:00 A.M.