

The June 29, 2022 regular monthly meeting of the Greater Hazleton Joint Sewer Authority was called to order by Chairman Sullivan at 6:30 PM. All participating in the meeting gave a pledge of allegiance.

June 27, 2022 Work Session Roll Call:

Eyerly – Present	Formica – Present	Gallagher – Present
George – Absent	Grink – Present	Pacelli – Present
Sherrock – Present	Sullivan – Present	Zola – Absent

Also in Attendance during Work Session:

Gregory Olander – Director of Administration	Andy Nowak – Field Operations Manager
Christopher Carsia – Director of Operations	Attorney Joseph D. Ustynoski – Solicitor
Rachel Govelovich, P.E. – Gannett Fleming	Gene Zynel – Plant Operations Manager

June 29, 2022 Regular Meeting Roll Call:

Eyerly – Present	Formica – Present	Gallagher – Present
George – Present ¹	Grink – Present	Pacelli – Present
Sherrock – Present	Sullivan – Present	Zola – Present ¹

Also in Attendance during Regular Meeting:

Gregory Olander – Director of Administration	Christopher Carsia – Director of Operations
Attorney Joseph D. Ustynoski – Solicitor	Andy Nowak – Field Operations Manager
¹ Rachel Govelovich, P.E. – Gannett Fleming	Robert Dougherty, P.E. – RJD Engineering

¹ via Videoconference

PUBLIC COMMENT

There was no public comment received prior to or during the meeting to be presented.

Gallagher & Grink moved to approve the minutes of the May 18, 2022 Pension Meeting.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Formica & George moved to approve the minutes of the May 23, 2022 Regular Monthly Meeting.

Passed: Aye-9, Nay-0, Absent-0

OPENING OF BIDS FOR ULTRA LOW SULFUR DIESEL FUEL FOR THE 2022-2023 FISCAL YEAR

BIDDERS NAME	BID AMOUNT
Russell Postupack Oil Co., Inc. McAdoo, PA	Terminal Rack Price plus \$0.38 per gallon delivered
M&J Excavation, Inc. Bloomsburg, PA	Terminal Rack Price plus \$0.30 per gallon delivered

Gallagher & Grink moved to award the Ultra-Low Sulfur Diesel Fuel supply contract for August 1, 2022 through July 31, 2023 to the lowest bidder, M&J Excavation, Inc. of Bloomsburg, PA, for the wholesale terminal rack price plus a fixed adder of thirty cents (\$0.30) per gallon delivered to the GHJSA as recommended by the Authority Management.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

OPENING OF BIDS FOR WASTEWATER CHEMICALS FOR THE 2022-2023 FISCAL YEAR

BIDDERS NAME	SODIUM HYPOCHLORITE	MAGNESIUM HYDROXIDE	POLYALUMINUM CHLORIDE	SODIUM HYDROXIDE	METHANOL	METHANOL ALTERNATIVE
Brenntag Northeast, Inc.	\$1.985/gal	No Bid	No Bid	\$3.9779/gal	\$0.178/gal Added to Methanex Index	No Bid
Coburn Chemicals, Inc.	No Bid	\$733.58 Dry Ton	No Bid	No Bid	No Bid	No Bid
Coyne Chemical Co.	No Bid	No Bid	No Bid	No Bid	No Bid	*\$0.00/gal Added to Methanex Index
Holland Company, Inc.	No Bid	No Bid	\$3.11/gal \$2.768/lb Al ₂ O ₃	No Bid	No Bid	No Bid
JCI Jones Chemicals, Inc.	No Bid	No Bid	No Bid	\$3.73/gal	No Bid	No Bid
Kemira Water Solutions, Inc.	No Bid	No Bid	\$3.19/gal \$3.19/lb Al ₂ O ₃	No Bid	No Bid	No Bid
Kuehne Chemical Co.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
Main Pool & Chemical Co.	\$2.07/gal	No Bid	No Bid	No Bid	No Bid	No Bid
Martin Marietta Magnesia Specialties	No Bid	\$771.00 Dry Ton	No Bid	No Bid	No Bid	No Bid
Univar USA, Inc.	\$1.90/gal	No Bid	No Bid	\$3.562/gal	\$0.10/gal Added to Methanex Index	No Bid
USALCO	No Bid	No Bid	\$2.3679/gal \$2.181/lb Al ₂ O ₃	No Bid	No Bid	No Bid

Formica & Gallagher moved to award the August 1, 2022 through July 31, 2023 chemicals contracts as specified in the bid documents to the lowest bidders listed in the following table as recommended by Authority Management:

Sodium Hypochlorite	Univar USA, Inc. of Morissville, PA	\$1.90 per gallon
Polyaluminum Chloride	USALCO of Baltimore, MD	\$2.3679 per gallon

(DelPAC 2000)		\$2.181 per lb Al ₂ O ₃
Methanol	Univar USA, Inc. of Morrisville, PA	\$0.10 per gallon Added to the Methanex Index
Methanol Alternative (EOSi - MicroC 3000)	Coyne Chemical of Croydon, PA	Methanex Index Price with a \$2.30/gal ceiling and a \$1.10/gal floor
Sodium Hydroxide	Univar USA of Morrisville, PA	\$3.562 per gallon
Magnesium Hydroxide (Thioguard)	Coburn Chemicals of Cockeysville, MD	\$733.58 per Dry Ton

All pricing is FOB delivered to the treatment plant in West Hazleton, PA.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Director of Operations Report -

During the Work Session, the Director of Operations, Christopher Carsia, informed the Board that he requested a one (1) year extension from the current cationic polymer supplier, SNF Polydyne, Inc., and they responded by providing a letter agreeing to a one (1) year extension of the current contract to supply cationic polymer at a new price of \$1.55 per pound delivered. He said due to the current market conditions, the price increased from \$1.09 per lb. to \$1.55 per lb. Christopher noted that the polymer supplier is a manufacturer of the product and we purchase directly from their manufacturing facility in Riceboro, Georgia to receive the best pricing for this specific chemical. He said Authority Management discussed the increase and it is in-line with the market conditions; therefore, approval of the contract extension is recommended. Gene Zynel then noted that in anticipation of the price increase, he built up an inventory of polymer at the lower price that will last a few months. Board Member Eyerly asked if the Authority could stockpile even more product before the price increases. Gene responded that the product loses effectiveness over time and it has a shelf life of about six (6) months, so it would not be advisable to stockpile additional product. Christopher noted that the extension approval would be added to the agenda under new business.

MONTHLY FLOW REPORT

	<u>May 2022</u>		<u>Year to Date</u>		
			<u>Total</u>		<u>Average</u>
Total Flow	<u>315,787,094</u>	Gallons	<u>1,518,091,266</u>	Gallon	xxxxx
Total Flow Bypassed	<u>25,683,783</u>	Gallons	<u>85,386,141</u>	Gallon	xxxxx
Days Flow Bypassed	<u>9</u>	Days	<u>32</u>	Days	xxxxx
Total Flow Treated	<u>290,103,311</u>	Gallons	<u>1,432,705,125</u>	Gallon	xxxxx
Average Minimum	<u>6.7</u>	MGD	xxxxx	xxxxx	<u>7.0</u> MGD
Average Maximum	<u>16.3</u>	MGD	xxxxx	xxxxx	<u>14.8</u> MGD
Average Daily Flow	<u>9.4</u>	MGD	xxxxx	xxxxx	<u>9.5</u> MGD

During the Work Session, the Director of Operations, Christopher Carsia, reviewed the wastewater flows for May 2022 as presented in the monthly flow report. He said the flow to the treatment plant was recorded at approximately 315.8 million gallons with approximately 290.1 million

gallons being treated. He also stated that the average daily flow to the treatment plant for the month was 9.4 MGD, which lowered the year-to-date total to 9.5 MGD, which is still well above the permitted annual average flow of 8.9 MGD. He noted that the Authority is already seeing increases to the electricity invoices with the higher rates and coupled with the continued wet weather, the electricity line item is expected to exceed the budgeted amount in the current fiscal year. He said conversely, the Authority is selling back the unused portion of natural gas at a higher market rate that was contracted, which is saving money for purchasing natural gas.

Christopher then reported that the Incinerator Conference co-hosted by SUEZ and the Authority was very successful. He said the event could not have gone any better for both the Authority presentation and the tour of the operating Incinerator. He said it appeared the incineration professionals were very impressed with the Authority's incinerator installation and the overall operation of the systems. He stated that in the next few weeks, Authority staff would begin planning for a second event to showcase the incinerator project for the local elected and appointed officials as well as funding agency representatives who were instrumental in the project's success. Attorney Ustynoski noted that he spoke with former Deputy Director, John Brosious who recently retired from the Pennsylvania Municipal Authorities Association (PMAA) regarding writing an article for *The Authority* magazine documenting the success of the Incinerator Project.

Gregory Olander then reported that the revenues for May 2022 were \$1,463,659.92 which was a 58.5% increase from the prior year. He said the billing for hauled waste received in May totaled \$197,592.49, which is an increase of 22.3% from the same month in the prior year. He then stated that the sewer customer collection rate for the fiscal year increased from 98.45% in May 2022 to 103% in June 2022 due to robust collections during the delinquent customer processing season. He also stated that the hauled waste collection remained consistent at 100.58% in June. He also reported that delinquent collections procedures will be completed for the year following the Section C water terminations in mid-July.

Gregory then reported that a contractor is scheduled to install a flow meter on the discharge line at the Locust Street Pump Station to more accurately record flows and to document the anticipated reduction in flow following the Locust Street CSO Separation Project. He stated that a price was requested from the same contractor for installation of the replacement link seals in the Nitrification and Denitrification pipe galleries and pricing will be discussed with the Board when received. He noted that the lab has still not released the results of the additional fly ash sample to determine if beneficial reuse is an option. He then discussed the purchase of a spare rotating assembly for the G3-105 Centrifuge at a purchase price of \$367,931.00. He presented a slide showing natural gas usage in the incinerator when the centrifuge is offline, which documented a dramatic increase in natural gas expense when dewatering sludge through the rotary presses. Gene Zynel stated that it is in the best interest of the Authority for proper operation of the incinerator to minimize downtime of the Centrifuge. He said if a problem arises with the rotating assembly and it needs to be sent out for repair, it could be months before it is returned. Gregory then reported on the 2020 WWTP Improvement Project noting that wet start-up of the Final Clarifier #3 mechanism was successfully performed on May 25, 2022. He said there are two change orders on the agenda for additional concrete work, which is recommended for approval.

Andy Nowak then reported on the Area 10 Sewer Separation project. He said the total cost of the project was about \$350,000 with \$250,000 being funded through a LSA Grant. He said in addition to other work, fourteen (14) locations were corrected where the sanitary mains were cross-connected with the stormwater pipes. He stated that Phase 1 of the project is now complete, which addressed one-half of the drainage basin. He said after the Area 2/3 Project is complete, the Authority will go back to correct the remaining issues in Area 10 under Phase 2, which should remove another CSO discharge point. He noted that dye testing and design would be needed to begin Phase 2. Andy then reported that the 60-inch CSO outfall pipe replacement on Allen Street is complete down to 19th Street. He said 180 linear feet of pipe was installed and the Road Crew has now moved alongside the Hazleton Area High School to continue pipe replacement in that area during the summer when school is not in session.

George & Gallagher moved to accept the Director of Operation's Report and to have the written report on diverted flows made a permanent part of the record.

Passed: Aye-9, Nay-0, Absent-0

Engineer's Report – During the Work Session, Rachel Govelovich referenced a written Engineer's Report that was distributed to the Board. Rachel reported on the Incinerator Installation Project, noting that the Stack Test results were used in the modeling to prepare the operating permit application. She said the Shakedown period was extended until November 27, 2022; however, the operating permit application must be submitted to DEP prior to expiration of the Shakedown period. She said the preliminary draft of the permit application is being reviewed by her staff and Authority Management prior to submission. She reported that the protocol for the annual RATA Test was approved DEP and the test is currently scheduled for July 26th. Rachel said her firm is also assisting in preparing the quarterly CEMS report and Semi-annual NSPS Reports for submission to DEP by the end of July 2022. Rachel also reported that all change orders have been submitted to PENNVEST and DEP for the Incinerator Installation Project. She said DEP must review the change orders prior to a final PENNVEST payment application submission and closeout of the project. Rachel also noted that she attended the Incinerator Conference tour and presented on the Authority's Incinerator Project along with Greg Olander.

Rachel also reported that the LSA Grant Application for the Area 3 Locust Street CSO Separation Project was not chosen for funding by the Commonwealth Financing Authority (CFA). She then reported that the statewide LSA Grant Application in the amount of \$1,000,000 has been submitted for the Locust Street CSO Separation Project – Area 2 and the CFA meeting to decide the grant awards will be held in November 2022. Rachel also noted that the Authority's appropriations request for this project with Senator Casey's office did not receive funding. Chairman Sullivan asked about funding options for the Locust Street CSO Separation Project if the Authority is not successful in receiving a grant. After some discussion, Gregory Olander and Rachel Govelovich agreed that submitting an application with PENNVEST for the project would be the next course of action.

Rachel then reported on the 2020 WWTP Improvement Project noting that Final Clarifier #3 was successfully started on May 25th. She stated that two change orders are on the agenda and recommended for approval. She said Change Order #8, in the amount of \$3,617.00, is for additional concrete stairs to be poured at Final Clarifiers #3 and #4 so operators can safely access

the higher walkway on the new mechanisms. She said Change Order #9, in the amount of \$10,829.00, is for additional concrete repairs due to worsening condition of the Primary Pump Station slab. She then stated that LB Industries Payment Estimate #13 in the amount of \$40,888.95 is on the agenda and recommended for approval.

Rachel then reported that the Act 537 Plan of Study was submitted to DEP and pre-planning dates were requested, but there has been no response from DEP thus far. She stated that her firm is assisting with the Local Limits Update as required by the new NPDES Permit and a sampling plan was submitted to EPA for their approval.

During the Regular Meeting, Robert Dougherty referenced a written report that was distributed to the Board. He then reported that construction work for the Area 10 Project is complete; however, there are still a few more roof drain removals that need to be completed by property owners. He said design for Locust Street CSO Separation Project in Hazleton City CAP Area 2A is complete and the Area 3 design is ongoing. Chairman Sullivan asked when the project would be ready for bidding. Robert responded that it would be about two months to complete the design work.

Robert then reported that a meeting was held at DEP to discuss private sewer lines in Sugarloaf Township that convey sewage to the Authority’s WWTP. He said developers have planning modules submitted to DEP, but there was a question as to ownership of the force main originating at Candlewood Hotels. He said after document review and discussions with DEP, it appears the line was turned over to municipal ownership. He said Sugarloaf Township owns the lift station and force main in their jurisdiction and by default, the GHJSA owns the force main inside the West Hazleton boundary. There was additional discussion of the sewer line originating at Hampton Inn. Robert informed the Board that DEP may require a larger municipal pump station to be installed to convey flows to the GHJSA WWTP from the hotels and the new developments.

Grink & Sherrock moved to accept the Engineer’s Report.

Passed: Aye-9, Nay-0, Absent-0

Solicitor’s Report – In addition to what was reported in executive session by Attorney Ustynoski during the Work Session, Attorney Ustynoski stated that he had nothing additional to report.

Gallagher & Grink moved to accept the Solicitor’s report. Passed: Aye-9, Nay-0, Absent-0

BILLS AND CREDITS

George & Formica moved to approve payment of Gannett Fleming, Inc. invoices and requisitions from May 7, 2022 through June 3, 2022, totaling \$19,685.83 as listed in the following table:

<u>Requisition#</u>	<u>Invoice #</u>	<u>Description</u>	<u>Amount</u>
Operating Fund	051153.A*10322	Annual Service Work	\$ 6,132.86
Operating Fund	051153.B*10323	Attending Authority Meetings	\$ 756.77
Operating Fund	051153.03*10319	Hazleton Creek Commerce	\$ 173.85
Operating Fund	051153.39*10320	2020 WWTP Improvements Project	\$ 3,814.18
Operating Fund	051153.42*10321	2021-2022 Air Compliance	\$ 317.35
Operating Fund	048847.C0*10318	Incinerator Project	\$ 8,490.82
		Total	\$ 19,685.83

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Gallagher & Grink moved to approve Requisition No. C253, payable to LB Industries, Inc., totaling \$40,888.95, for Payment Estimate #13 of the 2020 WWTP Improvements Project. The original contract price was \$549,510.00. Add for Change Order #1 to #7 (\$86,181.46) for a total contract price of \$635,691.46. The total of payments made to date including this payment is \$599,047.64, which leaves a balance of \$36,643.82.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Formica & George moved to authorize payment from the Operating Fund for Operating and Administrative Expenses (\$832,231.70); Construction in Progress (\$29,626.53); Transfers to Other Authority Accounts (\$36,575.00); Debt Service Series 2020 Bond (\$169,000.00); Debt Service Series 2021 Bond (\$493,500.00); Debt Service Series 2018 Bond – BB&T (\$18,362.29); Debt Service Pennvest Loan #27906 (\$11,152.44); from the month of May 2022.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Gallagher & Sherrock moved to approve issued credits report totaling \$5,352.87 from the month of May 2022.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

OLD BUSINESS

None

NEW BUSINESS

Formica & Gallagher moved to approve Change Order #8 of the 2020 WWTP Improvements Project, in the amount of \$3,617.00, to provide new concrete steps at Final Clarifier #3 and #4 walkways due to the height of the new mechanisms as recommended by the Engineer.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Gallagher & George moved to approve Change Order #9 of the 2020 WWTP Improvements Project, in the amount of \$10,829.00, for additional concrete repairs required at the Primary Pump Station exterior slab as recommended by the Engineer.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Formica & Gallagher moved to purchase a spare rotating assembly (bowl, conveyor, and gear box) for the Alfa Laval G3-105 Centrifuge at a purchase price of \$367,931.00 as per quotation QU-2102-RWD-0029351 as recommended by Management.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Gallagher & Formica moved to approve a one-year extension to the contract with SNF Polydyne, Inc. for the purchase of Clarifloc C-9530 emulsion polymer at a price of \$1.55/lb. effective August 1, 2022 through July 31, 2023 as recommended by Authority Management.

Roll Call: Eyerly-yes, Formica-yes, Gallagher-yes, George-yes, Grink-yes, Pacelli-yes, Sherrock-yes, Sullivan-yes, Zola-yes (Passed 9-0-0)

Zola & Pacelli moved to adjourn.

Passed: Aye-9, Nay-0, Absent-0


The regular meeting was adjourned at 6:50 PM

The next scheduled Work Session will be Wednesday, July 20, 2022 at 6:30 PM

The next scheduled Regular Monthly Meeting will be Monday, July 25, 2022 at 6:30 PM

Respectfully submitted,

Greater Hazleton Joint Sewer Authority



Gregory Olander, Assistant Secretary