

The June 24, 2019 regular monthly meeting of the Greater Hazleton Joint Sewer Authority was called to order by Chairman Sherrock at 6:30 PM. All in attendance gave a pledge of allegiance.

June 19, 2019 Work Session Roll Call:

Ammon – Present	Fayock – Absent	Gallagher – Present
George – Present	Grink – Present	Milot – Present
Sherrock – Present	Sullivan – Present	Zola – Absent

Also in Attendance during Work Session:

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

June 24, 2019 Regular Meeting Roll Call:

Ammon – Present	Fayock – Present*	Gallagher – Present
George – Present	Grink – Absent**	Milot – Present
Sherrock – Present	Sullivan – Present	Zola – Absent

Also in Attendance during Regular Meeting:

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

* via Telephone

**Board Member Grink entered the meeting at 6:32 during the Bid Openings

PUBLIC COMMENT

There was no public comment.

Milot & Gallagher moved to approve the minutes of the May 20, 2019 Regular Monthly Meeting. Passed: Aye-7, Nay-0, Absent-2

Milot & Gallagher moved to approve the minutes of the May 15, 2019 Pension Meeting. Passed: Aye-7, Nay-0, Absent-2

OPENING OF BIDS FOR ULTRA LOW SULFUR DIESEL FUEL

BIDDERS NAME	TOTAL
Russell Postupack Oil Co., Inc. McAdoo, PA	Terminal Rack Price plus \$0.20 per gallon delivered

Gallagher & Milot moved to award the Ultra-Low Sulfur Diesel Fuel supply contract for August 1, 2019 through July 31, 2020 to the lowest bidder, Russell Postupack Oil Co., LLC, for the wholesale terminal rack price plus a fixed adder of \$0.20 delivered as recommended by the Authority Management.

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

OPENING OF BIDS FOR WASTEWATER CHEMICALS

BIDDERS NAME	SODIUM HYPOCHLORITE	MAGNESIUM HYDROXIDE	POLYALUMINUM CHLORIDE	METHANOL	METHANOL ALTERNATIVE
AMREX Chemical Co. Binghamton, NY	\$1.30/gal	NO BID	NO BID	NO BID	\$2.45/Gal
Coburn Chemicals Cockeysville, MD	NO BID	\$597.00 per Dry Ton	NO BID	NO BID	NO BID
Coyne Chemical Croydon, PA	NO BID	NO BID	NO BID	Fixed Adder \$0.1811/gal	Fixed Adder \$0.1590/gal \$1.7677 ceiling
Holland Company, Inc. Adams, MA	NO BID	NO BID	\$1.93/gal \$1.718/lb Al ₂ O ₃ Epic 58	NO BID	NO BID
Kemira Water Solutions Lawrence, KS	NO BID	NO BID	\$2.22/gal \$2.22/lb Al ₂ O ₃ PAX-XL6	NO BID	NO BID
Kuehne Chemical Co. Kearney, NY	\$6.00/gal	NO BID	NO BID	NO BID	NO BID
Main Pool & Chemical Dupont, PA	\$1.18/gal	NO BID	NO BID	NO BID	NO BID
Martin Marietta Magnesia Specialties Baltimore, MD	NO BID	\$665.00 per Dry Ton	NO BID	NO BID	NO BID
Univar USA, Inc. Middletown, PA	\$1.63/gal	NO BID	NO BID	Fixed Adder \$0.222/gal	NO BID
USALCO Baltimore, MD	NO BID	NO BID	\$1.7082/gal \$1.5733/lb Al ₂ O ₃ DELPAC 2000	NO BID	NO BID

Gallagher & Sullivan moved to table the Wastewater Chemicals bids for Fiscal Year 2019-2020 pending review by Management, Solicitor, and Engineer.

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Building & Grounds Committee Report –

Committee Chairman George informed the Board that the Building & Grounds Committee met and Mr. Olander would be presenting the Board with a list of items that need repair or replacement at the treatment plant and pump stations. Gregory Olander referenced a handout listing the items and presented pictures of the items to be repaired or upgraded. At the end of the presentation, **Milot & Grink** moved to enter executive session to discuss a potential legal issue. Passed: Aye-8, Nay-0, Absent-1

After the Board moved out of executive session, **Gallagher & Sullivan** moved to authorize Gannett Fleming to prepare an engineering estimate and scope of work for the list of work needed at the treatment plant and pump stations as presented by the Building & Grounds Committee.

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Gallagher & Milot moved to accept the Building & Grounds Committee Report as presented.
Passed: Aye-8, Nay-0, Absent-1

Director of Operations Report - MONTHLY FLOW REPORT

	<u>May 2019</u>		<u>Year to Date</u>		<u>Average</u>
			<u>Total</u>		
Total Flow	<u>349,501,822</u>	Gallons	<u>1,487,260,709</u>	Gallon	xxxxx
Total Flow Bypassed	<u>40,827,329</u>	Gallons	<u>106,624,380</u>	Gallon	xxxxx
Days Flow Bypassed	<u>10</u>	Days	<u>27</u>	Days	xxxxx
Total Flow Treated	<u>308,674,493</u>	Gallons	<u>1,380,636,329</u>	Gallon	xxxxx
Average Minimum	<u>7.3</u>	MGD	xxxxx	xxxxx	<u>6.5</u> MGD
Average Maximum	<u>19.9</u>	MGD	xxxxx	xxxxx	<u>15.2</u> MGD
Average Daily Flow	<u>10.1</u>	MGD	xxxxx	xxxxx	<u>9.2</u> MGD

During the Work Session, the Director of Operations, Christopher Carsia, reported on the wastewater flows for May 2019. He said the total volume of wastewater diverted from all point sources for the month was estimated to be 84.925 million gallons with 40.827 million gallons of treated outflow diverted at the treatment plant. He said approximately 3.931 million gallons of the total diverted flow was treated outflow from the Autumn & Ridge CSO Separator. He said the flow to the treatment plant was recorded at 349.5 million gallons with approximately 308.6 million gallons being treated. He also stated that the average daily flow to the treatment plant for the month was 10.1 MGD, which increased the year-to-date flow to 9.2 MGD. He reported that a letter was received from DEP stating that since the 10.37 MGD Annual Average Daily Flow to the treatment plant for calendar year 2018 exceeded the Authority's permitted capacity of 8.9 MGD as stipulated in a Special Condition of the Part II Rerate Permit, the DEP would require the municipalities and Authority to begin Act 537 Planning.

Christopher reported that the revenues for May 2019 were \$1,287,753.40, which was a 12.6% increase from the prior year. He said the billing for hauled waste received in May totaled \$210,464.04, which is a decrease of 5.1% from the same month in the prior year. He said the hauled waste revenues are \$2,141,334.68 for the fiscal year so far with two more months of revenue to add for this year. He noted that the projected revenue for the year should be reached next month and there will be additional revenue of over \$1 million above projections for the year. Board Member Grink asked why there was so much additional revenue. Christopher responded that it is mostly from the hauled waste customers. Gregory Olander also stated that there was a rate increase of 7.5% that went into effect on July 31, 2018. Christopher also reported that the customer collections increased to 98.14% through June and the hauler collections decreased slightly to 102.22% for the fiscal year.

Christopher then reported that there were discussions during one of the PENNTEC conference sessions concerning potential increased regulations for land application of biosolids. He said if the regulations make it more difficult to land apply biosolids, the decision to move toward incineration for disposal of the Authority's sewage sludge becomes even more prudent. He also referenced discussions at the conference regarding trials being performed for extraction of phosphorus from flyash material, which is a byproduct of incineration.

Christopher then informed the Board that an excessive amount of grease has been coming into the wet well at the Gashouse Pump Station over the past several months. He said it has become problematic keeping screening equipment running at the station and he is looking at the addition of flyash material as a trial to move the grease through the compactor unit that transfers the debris to a dumpster for removal. He then asked the Board if there were any objections to moving the September 11th Work Session to Thursday September 12th due to conflicts with the annual PMAA and WEFTEC conferences. He said that the annual meeting schedule would be advertised as presented since there were no objections.

Christopher reported that UGI representatives are scheduled next week to install the new meter set that will provide more natural gas when the sewage sludge incinerator becomes operational later this year. He said during their installation, a mechanical contractor will be installing a manual shut-off valve outside the Sewage Sludge Incinerator Building as an additional safety precaution should the fuel need to be shut-off.

Andy Nowak then reported that an additional eleven (11) manholes were repaired and raised to grade in Hazleton City and West Hazleton Borough over the past month. He said a repair was made to a section of pipe on Johns Avenue in the Terrace section of Hazleton using a new technology as a trial. He said the new method of repair involves using the sewer camera to insert a stainless steel sleeve and rubber gasket, which is then inflated. He said the repair was successful and the Road Crew employees would be using that method for certain sewer line repairs in the future. He also reported that a repair had to be made on South Pine Street where UGI hit a sewer line while excavating because the sewer line was not in the correct location on the maps used to mark the line.

Gregory Olander reported that a new bank account had to be opened to replace the Operating Fund. He said during reconciliation of the account it was discovered that two checks were forged and cashed by the bank. He said the bank immediately took steps to open a new account and he has been migrating everything to the new account. He stated that a police report was filed with the West Hazleton Borough Police. He said new checks were ordered and all electronic transactions were being moved to the new account number. He said there are new signature cards for the Board Members to sign for the new account. He said the bank reimbursed the Authority for the fraudulent checks that were cashed and he would keep the Board apprised should anything additional develop.

Gregory informed the Board that since another reimbursement payment was received from PENNVEST, the interest payment will increase to \$545.54 for July and \$610.69 for each month thereafter until another payment is made to the Authority. He said the payments would be made to PENNVEST through the ACH as they require.

Gregory also reported that one of the SCADA servers experienced a catastrophic failure and the other two (2) servers receive commands to control the Wonderware SCADA program from the server that failed. He said the treatment plant was down to one (1) SCADA server and if it were to turn off, the operators would have no way of operating the treatment plant. He said a Martz Technologies (Martz) representative was already working on the integration of the new Plant Water System controls into SCADA, so he shifted to troubleshooting the server problem. He said following investigation of the failure at the Martz facility, a new server had to be ordered immediately to replace the failed main server. He said Martz was able to get a new server programmed over several days to replace the unit, but he noted that the SCADA system structure should be reviewed to make sure this type of issue is prevented in the future. He said Gannett Fleming has an IT division who would look over the existing set-up and make recommendations to

the Board for upgrade of the older servers to prevent another catastrophic failure. He said they would get a report to the Board with recommendations to revise the SCADA computer network to ensure redundancy.

Gregory then reported that the replacement parts for the No. 2 Hauled Waste Receiving Unit (Raptor) were received along with a new rock trap. He said the maintenance department would schedule to rebuild the second Raptor as soon as there is an opportunity. He said the rebuild is extensive and takes about 3 weeks for the entire maintenance crew to complete.

Sullivan & Grink moved to accept the Director of Operations Report and to have the written report on diverted flows made a permanent part of the record.

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Engineer's Report – During the Work Session, Rachel Govelovich reported that there has still been no formal response to the Authority's comments on the draft NPDES permit from DEP. She then reported on the Incinerator Project. She said PENNVEST Payment Request #3 totaling \$1,839,790.61 was received from PENNVEST on June 6, 2019. She said PENNVEST Payment Request #4 would be prepared for submission next month, which will include contractor Payment Estimates #12 and #13 under Contract #1 (Ronca). She reported that the Suez delay clam would be discussed in executive session. Rachel then summarized the construction progress for the month as listed in the written Engineer's Report. She then reported that Ronca's Payment Estimate #13 in the amount of \$931,988.00 is on the agenda and recommended for Board approval. Rachel reported that the start-up report for the new plant water pumps was just received from the contractor and would be reviewed by her firm before it is presented to the Board. She also stated that the next incinerator job conference would be held on July 11, 2019.

Andy Nowak reported on behalf of Robert Dougherty, who provided a written report for the Board. He stated that construction on the West Hazleton Area #2 Stormwater Separation Project has begun because the permit issue was resolved between the contractor and the Borough. He handed out an engineer's report for RJD Engineering and a summary sheet for roof drain removals needed in the project area. Andy said of the 189 units that need to be removed in the project area, an additional 41 units were removed since last month's meeting, which brings the total number of roof drains removed to 75 since the start of the project. He then reported on the relocation of the Authority's 10-inch sewer line adjacent to Jaycee Drive to remove it from the bridge abutment near the entrance to the treatment plant. He said the survey information was received from the JTB Engineering firm and the profile and plan views are now being developed. Andy stated that flow monitoring continues at the three (3) locations for the Mill Street Diversion Chamber closure, two (2) locations near 22nd Street and Vine Street as part of the investigative work for the Area 10 Project in the City of Hazleton, and one (1) location conveying flow to the Locust Street Pump Station from Areas 2A and 2B in the City of Hazleton.

George & Gallagher moved to accept the Engineer's report. Passed: Aye-8, Nay-0, Absent-1

Solicitor's Report – In addition to what was reported in executive session during the Work Session and regular meeting, Attorney Ustynoski reported that he had nothing additional to report.

George & Fayock moved to accept the Solicitor's report. Passed: Aye-8, Nay-0, Absent-1

BILLS AND CREDITS

Gallagher & Milot moved to approve payment of Gannett Fleming, Inc. invoices and requisitions from April 27, 2019 through May 24, 2019, totaling \$2,158.97 as listed in the following table:

<u>Requisition#</u>	<u>Invoice #</u>	<u>Description</u>	<u>Amount</u>
Operating Fund	051153.A*76377	Annual Service Work	\$ 1,263.92
Operating Fund	051153.B*76378	Attending Authority Meetings	\$ 895.05
		Total	\$ 2,158.97

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Gallagher & Milot moved to approve payment of Gannett Fleming, Inc. Invoice #048847.C0*76379, in the amount of \$55,235.99, from professional services rendered through May 24, 2019 relative to the following Incinerator Project items: PENNVEST Administration (\$3,370.25), Air Permitting during Construction (\$16,046.64), Construction Administration (\$18,958.86), and Resident Observation (\$16,860.24).

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Gallagher & Milot moved to approve Requisition #C196, payment to Michael F Ronca & Sons, Inc., totaling \$931,988.00 for Payment Estimate #13 of the Incinerator Installation Project - Contract One (General Construction) as recommended by the Engineer. The original contract price was \$10,877,000.00. Add for Change Orders #1 to #7 (\$154,347.01) for a total contract of \$11,031,347.01. The total of payments made to date including this payment is \$6,752,720.67, which leaves a balance of \$4,278,626.34

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Gallagher & Milot moved to authorize payment from the Operating Fund in the amount of \$2,123,615.38 for Operating and Administrative Expenses (\$791,516.55); Construction in Progress (\$50,764.35); Transfers to Other Authority Accounts (\$759,948.06); Debt Service Series 2012-A Bond (\$164,500.00); Debt Service Series 2012-B Bond (\$171,500.00); Debt Service(Series 2018 Bond-BB&T (\$8,998.63); Interest Expense Pennvest Loan #27906 (\$284.90); Debt Service Pennvest Loan #27769 (\$172,675.90); and Debt Service Pennvest Loan #58103 (\$3,426.99) from the month of May 2019.

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Gallagher & Milot moved to approve issued credits totaling \$4,862.39 from the month of May 2019.

Roll Call: Ammon-yes, Fayock-yes, Gallagher-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes, Sullivan-yes, Zola-absent (Passed 8-0-1)

Milot & Gallagher moved to adjourn.

Passed: Aye-8, Nay-0, Absent-1

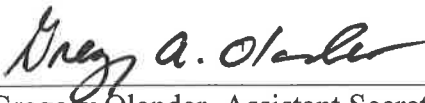
The regular meeting was adjourned at 7:37 PM

The next scheduled Work Session will be Wednesday, July 17, 2019 at 6:30 PM

The next scheduled Regular Monthly Meeting will be Monday, July 22, 2019 at 6:30 PM

Respectfully submitted,

Greater Hazleton Joint Sewer Authority



Gregory Olander, Assistant Secretary