

The June 25, 2018 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.

Roll Call:

Ammon – Present	Boyarski – Absent	Cuozzo – Present
Fayock – Absent	George – Present	Grink – Present
*Milot – Absent	Sherrock – Present	Zola – Absent

Also in Attendance:

Christopher Carsia – Director of Operations	Gregory Olander – Operations Manager
Andy Nowak – Field Operations Manager	Attorney Joseph D. Ustynoski – Solicitor
*Jeffrey Raffensperger, P.E. – Gannett Fleming	Robert Dougherty, P.E. – RJD Engineering

\*In attendance during the Work Session

**PUBLIC COMMENT**

There was no public comment.

**Grink & Ammon** moved to approve the minutes of the May 21, 2018 Regular Monthly Meeting. Passed: Aye-5, Nay-0, Absent-4

**Grink & Cuozzo** moved to approve the minutes of the May 16, 2018 Pension Meeting. Passed: Aye-5, Nay-0, Absent-4

**OPENING OF BIDS FOR ULTRA LOW SULFUR DIESEL FUEL**

BIDDERS NAME	TOTAL
Russell Postupack Oil Co., Inc. McAdoo, PA	Terminal Rack Price plus \$0.18 per gallon delivered

**Grink & Cuozzo** moved to table the bid for Ultra Low Sulfur Diesel Fuel for Fiscal Year 2018-2019 pending review by Management, Solicitor, and Engineer.

Roll Call: Ammon-yes, Boyarski-absent, Cuozzo-yes, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent

**OPENING OF BIDS FOR WASTEWATER CHEMICALS**

BIDDERS NAME	SODIUM HYPOCHLORITE	MAGNESIUM HYDROXIDE	POLYALUMINUM CHLORIDE	METHANOL	METHANOL ALTERNATIVE
C.F. Zeiler, LLC Towson, MD	NO BID	NO BID	NO BID	Fixed Adder \$0.46/gal	NO BID
Coburn Chemicals Cockeysville, MD	NO BID	\$573.00 per Dry Ton	NO BID	NO BID	NO BID
Coyne Chemical Croydon, PA	NO BID	NO BID	NO BID	Fixed Adder \$0.2447/gal	Fixed Adder \$0.1118/gal \$1.5135 ceiling

Gulbrandsen Technologies Clinton, NJ	NO BID	NO BID	\$1.72/gal \$1.60/lb Al2O3 GPAC 2070	NO BID	NO BID
Holland Company, Inc. Adams, MA	NO BID	NO BID	\$1.59/gal \$1.415/lb Al2O3 Epic 58	NO BID	NO BID
Kemira Water Solutions Lawrence, KS	NO BID	NO BID	\$2.01/gal \$2.01/lb Al2O3 PAX-XL6	NO BID	NO BID
Kuehne Chemical Co. Kearney, NY	\$2.00/gal	NO BID	NO BID	NO BID	NO BID
Main Pool & Chemical Dupont, PA	\$1.09/gal	NO BID	NO BID	NO BID	NO BID
Martin Marietta Magnesia Specialties Baltimore, MD	NO BID	\$595.00 per Dry Ton	NO BID	NO BID	NO BID
Pasternak Baum & Co., Inc. Harrison, NY	NO BID	NO BID	NO BID	\$0.02/gal Fixed Adder	NO BID
Univar USA, Inc. Middletown, PA	\$1.85/gal	NO BID	NO BID	NO BID	NO BID
USALCO Baltimore, MD	NO BID	NO BID	\$1.5323/gal \$1.4114/lb Al2O3 DELPAC 2000	NO BID	NO BID

**Ammon & Grink** moved to table the Wastewater Chemicals bids for Fiscal Year 2018-2019 pending review by Management, Solicitor, and Engineer.

Roll Call: Ammon-yes, Boyarski-absent, Cuozzo-yes, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent

**Hiring Committee Report –**

Chairman Sherrock reported that there were over 60 applications received for the Treatment Plant Operator positions and they were narrowed down to 10 to 12 applicants by management based on work experience and education. **Chairman Sherrock** then called a Special Meeting for July 2, 2018 at 6:30 PM for a report and recommendation by the entire Hiring Committee since Mr. Milot and Mr. Zola were not in attendance tonight. Board Member Ammon stated that he had an issue with committees because the other Board Members do not know the details of what is discussed until it is reported at the Board Meeting.

**Director of Operations Report - MONTHLY FLOW REPORT**

	<u>May 2018</u>		<u>Year to Date</u>		
			<u>Total</u>		<u>Average</u>
<b>Total Flow</b>	<u>360,174,454</u>	Gallons	<u>1,742,050,418</u>	Gallon	xxxxx
<b>Total Flow Bypassed</b>	<u>29,681,156</u>	Gallons	<u>120,744,866</u>	Gallon	xxxxx
<b>Days Flow Bypassed</b>	<u>8</u>	Days	<u>35</u>	Days	xxxxx

<b>Total Flow Treated</b>	<b>330,493,298</b>	<b>Gallons</b>	<b>1,621,305,572</b>	<b>Gallon</b>	<b>xxxxx</b>
<b>Average Minimum</b>	<b>7.8</b>	<b>MGD</b>	<b>xxxxx</b>	<b>xxxxx</b>	<b>8.0 MGD</b>
<b>Average Maximum</b>	<b>18.6</b>	<b>MGD</b>	<b>xxxxx</b>	<b>xxxxx</b>	<b>17.7 MGD</b>
<b>Average Daily Flow</b>	<b>10.7</b>	<b>MGD</b>	<b>xxxxx</b>	<b>xxxxx</b>	<b>10.8 MGD</b>

Christopher Carsia, the Director of Operations, reported on the wastewater flows for May 2018. He said the total volume of wastewater diverted from all point sources for the month was estimated to be 71.514 million gallons with 29.681 million gallons of treated outflow being diverted at the treatment plant. He said approximately 3.263 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 360.1 million gallons with 330.5 million gallons being fully treated. He also stated that the average daily flow to the treatment plant for the month was 10.7 MGD, which is well above the permitted average daily flow of 8.9 MGD.

The Director of Operations reported that the revenues for May 2018 were \$1,144,118.72, which was a 9.3% decrease from the prior year. He said the billing for hauled waste received in May totaled \$221,652.64, which is an increase of 33.8% from the prior year and the highest single month of hauled waste revenue since inception of the program. He stated that the grease (FOG) receiving continues to do well and also the heavy rains have caused an increase in the amount of hauled waste coming to the treatment plant for disposal.

The Director of Operations then reported that approximately 100 tons of grit were removed from the flocculation tank at the treatment plant late last month. He said it was about 3 years since the tank was last cleaned of grit and the grit entering the treatment plant continues to wear piping and pumps.

The Director of Operations reported that written pricing quotes were received from UGI Energy, Talen Energy, and South Jersey Energy for supply of electricity for calendar years 2021 and 2022. He said the lowest price received was from Talen Energy at a rate of 4.716 cents plus GRT for the 24 month term. Board Member Ammon asked if the electricity was put out as an RFP. Christopher responded that the request for pricing was put out to several energy companies and a broker who can get pricing from multiple sources. He said the deadline to submit pricing was today and he recommended the Board approve the 24 month pricing structure contract with Talen Energy.

**Grink & Ammon** moved to approve a contract with Talen Energy for the supply of electricity at a fixed price not to exceed 4.716 cents/ kWh for eleven (11) Authority accounts for a term commencing on the January 2021 meter read dates and ending in December 2022 conditioned upon review and approval of the contracts by the Solicitor.

On the Question: Board Member Ammon asked the Solicitor if it was okay to approve an electricity contract this way. Attorney Ustynoski responded that there is nothing wrong with receiving pricing this way.

Roll Call: Ammon-yes, Boyarski-absent, Cuzzo-yes, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent

The Director of Operations then reported that pricing was also received for supply of natural gas. He said pricing was received for several different contract terms, but he recommends not entering into a contract that extends beyond the estimated incinerator start date. He said the

lowest price was received from South Jersey Energy at \$4.969 per dekatherm (dth) with a contract end date of September 2019. Board Member Ammon asked how much the Authority spends on natural gas in a year. Gregory Olander responded that last fiscal year, the Authority spent \$11,726 on natural gas. Christopher stated that a portion of that amount is paid directly to UGI for transmission fees.

**Ammon & Grink** moved to approve a contract with South Jersey Energy for the supply of natural gas at a fixed price not to exceed \$4.969 per Dekatherm (dth) for all three (3) Authority accounts for a term commencing on the July 2018 meter read dates and ending in September 2019 conditioned upon review and approval of the contracts by the Solicitor.

Roll Call: Ammon-yes, Boyarski-absent, Cuzzo-yes, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent

The Director of Operations then reported that the list of work sessions and regular meetings for the upcoming fiscal year will be advertised and posted on the GHJSA website. He also reported that a detailed Right to Know request was received from TRC Environmental located in Philadelphia, PA. He said the request was for information relative to the Authority's Combined Sewer Overflows, Discharge Monitoring Reports, and mapping among other things. He said Gregory Olander sent an initial response for a 30 day extension due to the quantity of materials requested. Gregory stated that the information was copied to a compact disc and the final response was sent to the requestor informing them that the requested documents are available for pickup.

Gregory Olander reported that the delinquent postings for Section A were completed and there were 338 properties posted, which was a decrease from 378 properties posted last year. He said Section C water shutoffs began and there were 162 properties on the list, which was a decrease from 208 properties last year. He said the delinquent collections are going very well again this year. Gregory then reported that the transfer to new dental insurance through the Pennsylvania Municipal Health Insurance Cooperative (PMHIC) became effective June 1, 2018. He also reported that a surplus distribution in the amount of \$78,683.89 was received from PMHIC for the 2017 calendar year representing 75% of the overall distribution for the year. He then stated that John Nonnemacher would be onsite June 26<sup>th</sup> and 27<sup>th</sup> to begin the test of controls and the audit process for fiscal year ending 2018.

Gregory then reported that DEP representative Scott Novatnak was onsite for an inspection of the Incinerator Installation Project for Pennvest. He said the inspection went well and he felt the DEP representative was pleased with the progress on the project. Gregory also reported that he has been in contact with a representative of Mar-Allen Concrete to schedule the concrete repairs to fix leaks in the Primary Pump Station. He said they would be able to begin in the next few weeks now that the overnight flows are low enough to reduce the water level in the wet well so the repair crew can open the joint to insert the water-stop. Gregory then reported on a request he received from Board Members during a recent Hiring Committee meeting. He said a question arose relative to daily checks at the remote pump stations. He said the request was to research a method to have backup documentation for the state and federal regulators showing the time and date the stations were checked in the event there was a bypass or other failure. He said that he inquired about hand scanners at each station like the timeclock used at the treatment plant, but the cost would be over \$10,000 to supply the six pump station and internet access would also be needed at each station. He stated that there was a different option called ProxiGuard that has a scanner/reader that can be taken by the employee to each station to record a timestamp of when

the station is being checked and by which employee. Board Member Ammon stated that this could be done using a checklist. Chairman Sherrock responded that this matter was brought up by a committee member not present and he asked that it be discussed again at the July 2, 2018 Special Meeting when the entire committee is present.

Andy Nowak reported on the cross connections in the Button Bock drainage area being removed by the Road Crew. He said there were 20 sanitary connections into the stormwater system that needed to be removed and so far 10 corrections have been made. He said there have also been ongoing repairs to the collection system to repair sinkholes and collapsing manholes at 15<sup>th</sup> & Lincoln Streets, 1<sup>st</sup> and Seybert Streets, and 12<sup>th</sup> & Hanover in the City of Hazleton. He said a 20 foot section of pipe was also replaced on Berner Avenue due to the poor condition of the pipe.

**George & 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.

Passed: Aye-5, Nay-0, Absent-4

**Engineer's Report** – Jeffrey Raffensperger reported that no response has been received from DEP regarding the draft NPDES permit comments that were provided to the Department on January 11, 2018. He then reported that the Pennvest Payment Request #1 was being completed by Rachel Govelovich for submission to Pennvest.

Jeffrey then reported on the Suez inspection of materials in storage for the Incinerator Project. He said Suez must still provide the final report including recommendations related to materials in storage. He said the Suez invoice for payment of \$5,000.00 for the report is being held until a satisfactory final report with recommendations is received from Suez. He then reported on the warm gas duct Teflon slide plates that the Board authorized to be repaired with a not to exceed cost of \$6,000. He said the slide plates were scheduled to be shipped on June 20, 2018 with a return date the week of July 2, 2018 for installation. He said a clarification of costs was requested relative to the Fluidized Air Blower (FAB). He said the manufacturer quoted a cost in May, which was presented to the Board and now they are quoting a different cost. He said once the clarification of quotes is received along with a summary of work, it will be presented to the Board. Jeffrey then stated that Suez has not responded to the request for additional backup information relative to the delay claim being negotiated.

Jeffrey then reported on the construction phase of the Incinerator Project. He said shop drawing and submittal reviews are ongoing and the sludge dewatering centrifuge submittals were received last week. He said the quoted manufacture and shipment for the centrifuge is 22 weeks after shop drawing approval. He said the roof of the Incinerator Room has been removed and the incinerator body has been set by the Suez sub-contractor. He said they continue to weld the unit together and the expected completion date for that sub-contractor is June 29, 2018. He noted that the Gannett Fleming resident observer is logging the time Suez is onsite to verify that the 355 days is accounted for in the delay claim. He said the Ronca Payment Estimate #1 in the amount of \$664,362.00 and Hayden Payment Estimate #2 in the amount of \$46,350.00 are on the agenda and recommended for approval.

Jeffrey then reported that Ronca Change Order #1 for asbestos removal in the amount of \$11,707.50 is on the agenda and recommended for approval. He said a panel was taken off the roof area and a sample of the panel material was verified by two different contract laboratories as

containing asbestos. He also reported that there were discussions with Authority staff, the engineer, and contractor concerning elimination of two (2) dewatering dumpsters. He said Authority staff identified a way to save on the cost of these dumpsters by going back to the current means of dewatering in the event a problem occurs with the ash dewatering equipment. He said a compensating (negative) change order in the range of \$60,000 to \$70,000 is being negotiated for the removal of these dumpsters from the project. Board Member Cuozzo asked why they were included in the project design if they are not needed. Gregory responded that they were in the design as a primary backup of the ash dewatering system in the event the ash vacuum is out of service, but through discussions with the Chief Operator, Director of Operations, and himself, Authority staff noted that there was a potential for cost savings in the contract by eliminating these dumpsters and sending the dewatered sludge to landfill on a temporary basis until the ash system is repaired.

Jeffrey then stated that a construction progress meeting was held on June 15, 2018 and the construction work appears to be on schedule for Substantial Completion in September 2019 and Final Completion in December 2019. He also reported that the extension request for the Air Quality Permit was submitted to DEP on June 12, 2018 prior to the July 31, 2018 deadline. Jeffrey informed the Board that the annual update of Opinion of Probable Replacement Costs was provided to the Authority staff for insurance purposes.

Robert Dougherty reported that flow loggers were installed on N. Vine Street last week to record flows in Area 10 of Hazleton City. He also reported on the roof drain disconnections associated with the Button Bock CSO Separation Project. He said there are 59 properties remaining to be disconnected or inspected and 9 of those property owners still need their drains to be dye tested to determine if they need to be disconnected. Attorney Ustynoski asked how many of the remaining properties are abandoned. Robert responded that he estimates 18 vacant houses in those that still need to be disconnected. Board Member Grink asked what would be done with the remaining properties that do not disconnect. Board Member Cuozzo stated that a decision was made to have the Authority crew disconnect the drains and charge the customer for the disconnection.

Robert then reported on results of 6 to 7 months of flow monitoring of stormwater flows going to the Autumn & Ridge Vortex Separator treatment unit. He said the flow loggers were deployed in the line on Ridge Avenue and the line on Stankevich Street in West Hazleton Borough. He distributed a Preliminary Cost Estimate totaling \$726,385.00 and displayed a map of the drainage basin flowing to the vortex separator. He reported that a large section of the combined sewer system in the basin would need to be removed from the system to get it to overflow less than 4 times per year. He said the proposal is to construct a new separated stormwater system to connect the existing inlets in about 18 acre area. He said property owners would need to be contacted to get drainage releases for where the water would discharge from the stormwater pipe. Board Member Grink asked where the money would come from to pay for this project. Gregory Olander responded that the project would be funded by current collection system budget plus money in the Collection System Reserve Fund. Andy Nowak noted that there is a line item in the capital improvements section of the budget to address some of the money needed for the project. Board Member Grink asked if this was something being pushed by DEP. Robert responded that DEP does want this completed. Chairman Sherrock asked why we would be installing a stormwater line instead of new sanitary lines. Andy responded that it is less expensive to install new stormwater line and connect the inlets and leave the existing combined lines to transmit the

sanitary sewage. Chairman Sherrock asked when this project would start and Robert responded that it would be later this year. Board Member Ammon asked where the money was coming from for the project. Gregory responded that there is currently \$511,000 in the Collection System Reserve Fund and a portion of the project is in the capital budget this year. He said this project is also listed in the 5-year projections as one of the projects. Andy clarified that the project is listed as a capital improvement for \$250,000 in the current fiscal year. Robert noted that the project was discussed with Hazle Township but the work they are doing to add about 60 homes in the area will be strictly sanitary flow with no stormwater flow going to the vortex separator unit. Board Member Ammon asked Mr. Dougherty if he is comfortable with the estimate. Robert stated that he is comfortable with the numbers.

Board Member Grink then asked when the Button Bock Project would be completed. Robert responded that not all of the roof drains would be removed before closing the diversion chamber, but flow monitoring should be started in the next few months with monitoring through next spring.

**Grink & Ammon** moved to accept the Engineer’s report.  
Passed: Aye-5, Nay-0, Absent-4

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

**George & Grink** moved to accept the Solicitor’s report. Passed: Aye-5, Nay-0, Absent-4

**Grink & Cuozzo** moved to accept the Investment Consultant’s Report as provided.  
Roll Call: Ammon=yes, Boyarski=absent, Cuozzo=yes, Fayock=absent, George=yes, Grink=yes, Milot=absent, Sherrock=yes, Zola=absent

**BILLS AND CREDITS**

**George & Grink** moved to approve payment of Gannett Fleming, Inc. invoices and requisitions from March 31, 2018 through May 25, 2018, totaling \$5,689.72 as listed in the following table:

<u>Requisition#</u>	<u>Invoice #</u>	<u>Description</u>	<u>Amount</u>
Operating Fund	051153.A*56332	Annual Service Work	\$ 4,668.12
Operating Fund	051153.B*56333	Attending Authority Meetings	\$ 978.37
Operating Fund	051153.D*56334	Pretreatment Program	\$ 43.23
Total			\$ 5,689.72

Roll Call: Ammon=yes, Boyarski=absent, Cuozzo=yes, Fayock=absent, George=yes, Grink=yes, Milot=absent, Sherrock=yes, Zola=absent

**Grink & George** moved to approve payment of Gannett Fleming, Inc. Invoice 048847.C0\*56331, in the amount of \$78,787.35, from March 31, 2018 through May 25, 2018, for the following Incinerator Project items: Pennvest Administration (\$5,913.22), Air Permitting during Construction (\$6,552.93), Construction Administration (\$54,243.21), and Resident Observation (\$12,078.00).

Roll Call: Ammon-yes, Boyarski-absent, Cuozzo-no, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent (Passes 4-1)

**Grink & Ammon** moved to authorize payment from the Operating Fund in the amount of \$1,319,971.03 for Operating and Administrative Expenses (\$378,621.54); Construction in Progress (\$15,747.97); Transfer to Other Authority Accounts for Requisition Payments (\$402,000.00); Debt Service Series 2012-A Bond (\$165,000.00), Debt Service Series of 2012-B Bond (\$173,500.00); Debt Service Series 2018 Bond (\$8,998.63); Pennvest Loan #27769 (\$172,675.90); and Pennvest Loan #58103 (\$3,426.99) from the month of May 2018.

Roll Call: Ammon-no\*, Boyarski-absent, Cuozzo-no, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent (Passes 3-2)

*\*Board Member Ammon votes no for all payments from the Operating Fund as presented except those for the Hazleton City Authority (HCA), for which he abstains.*

**Cuozzo & Grink** moved to approve issued credits totaling \$4,023.25 from month of May 2018.

Roll Call: Ammon-yes, Boyarski-absent, Cuozzo-yes, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent

**Grink & George** moved to approve Requisition #D004 authorizing payment in the amount of \$664,362.00 to Michael F. Ronca & Sons, Inc. for Payment Estimate #1 of the Incinerator Installation Project - Contract One (General Construction) as recommended by the engineer. The original contract price was \$10,877,000.00. The total of payments made to date including this payment is \$664,362.00, which leaves a balance of \$10,212,638.00.

Roll Call: Ammon-yes, Boyarski-absent, Cuozzo-no, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent (Passes 4-1)

**Grink & Ammon** moved to approve Requisition #D005 authorizing payment in the amount of \$46,350.00 to George J. Hayden, Inc. for Payment Estimate #2 of the Incinerator Installation Project - Contract Three (Electrical) as recommended by the engineer. The original contract price was \$794,400.00. The total of payments made to date including this payment is \$117,323.10, which leaves a balance of \$677,076.90.

Roll Call: Ammon-yes, Boyarski-absent, Cuozzo-no, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent (Passes 4-1)

#### **NEW BUSINESS**

**Grink & Ammon** move to approve Change Order #1 for the Incinerator Installation Project - Contract One (General Construction) as recommended by the engineer, in the amount of \$11,707.50, for asbestos abatement of proposed wall panel demolition per contract drawing AD-1, Note #10.

Roll Call: Ammon-yes, Boyarski-absent, Cuozzo-no, Fayock-absent, George-yes, Grink-yes, Milot-absent, Sherrock-yes, Zola-absent (Passes 4-1)

**Grink & Ammon** moved to adjourn. Passed: Aye-5, Nay-0, Absent-4

The meeting was adjourned at 7:42 PM

The next scheduled Work Session will be Wednesday, July 18, 2018 at 6:30 PM

The next scheduled Regular Monthly Meeting will be Monday, July 23, 2018 at 6:30 PM



Respectfully submitted,  
Greater Hazleton Joint Sewer Authority

A handwritten signature in black ink, appearing to read "Gregory A. Olander". The signature is written in a cursive style with a prominent initial "G".

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Gregory Olander, Assistant Secretary