

The June 22, 2015 regular monthly meeting of the Greater Hazleton Joint Sewer Authority was called to order by Chairman George at 7:00 PM. All in attendance gave a pledge of allegiance. Board Member Milot was absent and all other Board Members were present. Robert Dougherty, P.E. of RJD Engineering, Inc. and Brian Kauffman, P.E., of Gannett Fleming, Inc. were in attendance during the Work Session.

Chairman George introduced Robert Payne of Eastern Insurance Group for a presentation regarding the renewal of Property & Casualty Insurance for Fiscal Year 2015-2016. He reviewed the contents of the insurance proposal with the Board, and stated that all the companies providing coverage are affiliates of Travelers and have A+ ratings. He said the buildings and contents limit was increased from \$81 million last year to over \$89.7 million this fiscal year, which increased the premium by approximately \$3,500 for that category. He noted that the insurance package is considered deluxe property coverage designed specifically for sewer authorities.

Fay & Carsia moved to accept the proposal by Robert Payne of Eastern Insurance Group for a premium of \$89,999.00 for Property, General Liability, Business Auto, and Umbrella Insurance Coverage for Fiscal Year 2015-2016.

Roll Call: Boyarski-yes, Carsia-yes, Cuzzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Sherrock-yes

PUBLIC COMMENT

There was no public comment.

Carsia & Boyarski moved to approve the minutes of the May 20, 2015 Regular Monthly Meeting. Passed: Aye-8, Nay-0, Absent-1

Eyerly & Grink moved to approve the minutes of the May 13, 2015 Pension Meeting. Passed: Aye-8, Nay-0, Absent-1

OPENING OF BIDS FOR ULTRA LOW SULFUR DIESEL FUEL

BIDDERS NAME	TOTAL
Naughton Energy Pocono Pines, PA	Terminal Rack Price plus \$2.50 per gallon delivered
Russell Postupack Oil Co., Inc. McAdoo, PA	Terminal Rack Price plus \$0.18 per gallon delivered
Superior Plus Energy Services Aston, PA	Terminal Rack Price plus \$0.185 per gallon delivered

Grink & Fay moved to table the bid for Ultra Low Sulfur Diesel Fuel pending review by the Engineer.

Roll Call: Boyarski-yes, Carsia-yes, Cuzzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Veneroso-yes

OPENING OF BIDS FOR WASTEWATER CHEMICALS

BIDDERS NAME	SODIUM HYPOCHLORITE	MAGNESIUM HYDROXIDE	POLYALUMINUM CHLORIDE	METHANOL
Aries Chemical, Inc. Beaver Falls, NY	NO BID	\$620.50 per Dry Ton	NO BID	NO BID
Buckman's, Inc. Pottstown, PA	\$1.16/gal	NO BID	NO BID	NO BID
Coburn Chemical, Inc. Cockeysville, MD	NO BID	\$595.00 per Dry Ton	NO BID	NO BID
Coyne Chemical Croydon, PA	NO BID	NO BID	NO BID	Fixed Adder +\$0.114/gal
Holland Company, Inc. Adams, MA	NO BID	NO BID	\$0.1365/Wet lb.	NO BID
Jones Chemical, Inc. Warwick, NY	\$1.30/gal	NO BID	NO BID	NO BID
Kemira Water Solutions Lawrence, KS	NO BID	NO BID	\$0.186/Wet lb.	NO BID
Main Pool & Chemical Dupont, PA	\$0.93/gal	NO BID	NO BID	NO BID
Univar USA, Inc. Middletown, PA	\$1.08/gal	\$630.50 per Dry Ton	\$0.185/Wet lb. DelPAC 1525	Fixed Adder +\$0.15/gal

Grink & Boyarski moved to table the Wastewater Chemicals bids for Fiscal Year 2015-2016 pending review by the Engineer.

Roll Call: Boyarski-yes, Carsia-yes, Cuozzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Veneroso-yes

Director of Operations Report - MONTHLY FLOW REPORT

	<u>May 2015</u>		<u>Year to Date</u>		
			<u>Total</u>		<u>Average</u>
Total Flow	207,190,173	Gallons	1,258,058,819	Gallon	xxxxx
Total Flow Bypassed	2,861,438	Gallons	20,212,789	Gallon	xxxxx
Days Flow Bypassed	2	Days	15	Days	xxxxx
Total Flow Treated	204,328,735	Gallons	1,237,836,030	Gallon	xxxxx
Average Minimum	4.3	MGD	xxxxx	xxxxx	6.2 MGD
Average Maximum	11.1	MGD	xxxxx	xxxxx	11.8 MGD
Average Daily Flow	6.6	MGD	xxxxx	xxxxx	8.2 MGD

Christopher Carsia, the Director of Operations, reported on the flow for May 2015. He said the total volume of wastewater diverted from all point sources for the month was estimated to be 57.549 million gallons with approximately 2.861 million gallons of treated outflow diverted at the treatment plant. He said approximately 4.266 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 207.2 million gallons with 204.3 million gallons treated. He also stated that the average daily flow to the treatment plant for the month went down to 6.6 MGD due to the dryer weather and the average daily flow for the year decreased to 8.2 MGD.

The Director of Operations reported that revenues for May 2015 were \$1,096,386.14, which is a 0.2% decrease from the prior year. He said the bills issued for hauled waste received in May totaled \$134,608.30, which is a decrease of 19.8% from the prior year. He said the hauled waste revenues are on pace to exceed the projected \$1,400,000 for the fiscal year. He said total revenues should exceed projections by a few hundred thousand dollars. He also stated that the liquid waste hauler Gotta Go Septics continues to make regular payments against their past due balance, which continues to decline. He reported that another liquid waste hauler, Liquid Motion, is now paid in full.

The Director of Operations reported that an extension of the existing liquid cationic polymer contract with SNF Polydyne was received with no increase for another year through July 31, 2016.

The Director of Operations reported that Authority Employees Ryan Peterko and Gene Zynel visited the Derry Township WWTP to view the design of their grease digesting treatment process. He said restaurant and residential grease has been a continuing problem in the treatment plant and collection system and most recently it has been interfering with the proper operation of the sludge cake pumps. He said they looked at the equipment needed to convert the old sludge holding tank to a grease digester and the operating costs are expected to be about \$65,000 annually. He said the equipment and modifications needed should cost about \$125,000 to complete, but accepting grease from outside haulers would open a new revenue stream that should exceed operating costs.

The Director of Operations then reported that the Flocculation Tank in the treatment plant was taken out of service for cleaning. He said there is an estimated 400 to 500 tons of grit/sludge in the bottom of the tank that is being removed by Authority personnel. He said the accumulation of grit/sludge has taken place over the past 3 years because the grit removal system installed during the 2008 WWTP Upgrade did not work properly and several modifications were needed at the headworks before it would remove grit effectively. He said when the water was being drained from the tank, the overflow troughs that provide flow to the primary clarifiers were found to be severely damaged. Brian Kauffman noted that pictures were taken of the troughs and they would be sent to the manufacturer. He said vibration is sometimes a problem with fiberglass troughs spanning a long distance. He said it appears there was vibration of the troughs and they were broken, but when the tank was drained the loss of upward pressure from the water caused them to buckle. Christopher stated that the DEP was notified of the tank cleaning and he expects that the tank will be back in service without the troughs within a few days.

The Director of Operations then reported that the Road Crew installed an electrical duct bank from the Administration Building to the Road Crew Storage Building at 50 Jaycee Drive. He said after the Maintenance Department pulls wires and connects power, he will once again contact the representatives at Karchner Logistics concerning the lease agreement.

The Field Operations Manager, Andy Nowak, reported that the Road Crew repaired a manhole on South Church Street near the YMCA that had collapsed. He said asphalt paving is still needed before the project is complete. He then reported that four manholes were repaired on North Street in West Hazleton near the elementary/middle school. Board Member Eyerly stated that the Road Crew has been doing a great job repairing the damaged manholes. He said from what he can see their work is holding up very well. Andy then reported that over 2 miles of sewer lines have been flushed so far this year, but the Vac Truck has been used very hard and is in need of maintenance, including purchase of new hoses. He then reported that a manhole at Wyoming and Hemlock Streets in Hazleton was raised to allow access into the stone arch. He said a company that provides sewer camera equipment also performed a demonstrated in the stone arch at that location.

The Director of Operations then reported that replacement of a valve at the Gashouse Pump Station was scheduled for the evening of Thursday June 11, 2015, which required a shutdown of the station. He said DEP was notified; however, after the Maintenance Department and Road Crew setup for the repair, they had to suspend the job due to heavy rains late that evening. He said the repair would be rescheduled at a later time.

The Director of Operations reported on a meeting between the Authority, Scott Novatnak of DEP, and Municipal Authority of Hazle Township (MAHT) concerning the hydraulic overload to the Autumn & Ridge CSO Separator during extreme precipitation events. He said reduction of stormwater flow to the system was discussed, but appears to be cost prohibitive. Mr. Novatnak was asked by Pennvest to do a final inspection so the remaining Pennvest loan proceeds can be released to the Authority, but the temporary overflow line cannot be in place to close out the project since the line is a modification to the original design. He said Brian Kauffman would check with the equipment manufacturer for installation of a permanent line to capture excess flows. He said Mr. Novatnak also expressed his concern that the Authority move at a quicker pace to correct issues with other CSOs in the service area. Chris said the number of flow meters the Authority is using is inadequate for the size of the system to be studied. Chris also said Mr. Novatnak suggested that it may be time to meet with officials of Hazleton City and West Hazleton Borough to discuss updating the Act 537 Plan at the municipal level. Gregory Olander, the Operations Manager, stated that the Authority should have 6 to 7 additional flow meters deployed in the system. Andy Nowak said the MAHT offered use of their flowmeters; however, they are not compatible with the software and other flow meters owned by the Authority to document flows.

The Operations Manager requested that Board consider purchasing two (2) Automatic Waterbox Assemblies for installation on the Schwing Cake Pumps. He said proper operation of the equipment requires each waterbox to be drained and refilled with fresh water at least once daily. He added that damage to the equipment can occur if it is operated with an empty waterbox. He said after discussions with the operations staff and maintenance department, they recommend installing equipment to prevent the waterbox from emptying with the equipment running. He said the cost of the upgrade is \$17,780.00.

The Operations Manager then reported that delinquent posting of Section A was recently completed and the water shutoffs for Section C are currently in progress. He said there were 398 posting notices printed for Section A, which is a slight decrease from last year. He stated that he expects strong overall accounts receivable collections again this year and that he would report in August after all collection cycles have been completed.

Fay & Eyerly 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-8, Nay-0, Absent-1

Engineer's Report – During the Work Session, Brian Kauffman reported that the SCADA Upgrade kickoff meeting was held at the Authority with Martz Technologies, Gannett Fleming and the Authority staff. He said the Window Panel Replacement Project remains on hold until the Sludge Cake Pump Installation contractor completes the installation of the final transfer screw conveyor. He reported that DEP has still not issued the new NPDES Permit to the Authority. He also reported a notice letter was sent to C.O. Falter concerning completion of items that were discussed in executive sessions and a response was received from C.O. Falter. He said a claim letter would be drafted and sent to C.O. Falter as instructed by the Board.

Robert Dougherty reported that he reviewed drawings of the drainage basin flowing to the Autumn & Ridge CSO Separator for placement of flow meters. He said the Button Buck CSO Project remains on hold until after the next CFA Meeting for funding of LSA Grants in July 2015. Board Member Cuozzo asked if anyone contacted Representative Toohil's office concerning the grants. Gregory Olander responded that he spoke with Melia at Representative Toohil's office about a week ago regarding the Representative's continued support of the projects.

Grink & Carsia 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 at the Work Session, Attorney Ustynoski reported that a quote was received in the amount of \$2,500 for the Railroad Protective Liability Policy that was discussed at the May Board Meeting for \$2 million worth of coverage. He said it was requested of the carrier that the insurance be over and above the contractor's insurance coverage.

Attorney Ustynoski then reported that Attorney Sharkey, the Solicitor for the West Hazleton Planning Commission, could not locate the files for the defunct projects issued EDU allocations several years ago. He said a meeting would be set with the Authority to provide the Borough with information about the two projects.

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

Fay & Eyerly moved to accept the Investment Consultant's Report as presented.
Roll Call: Boyarski-yes, Carsia-yes, Cuozzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Sherrock-yes

BILLS AND CREDITS

Cuozzo & Carsia moved to approve payment of Gannett Fleming, Inc. invoices and requisitions from April 4, 2015 through May 1, 2015, totaling \$2,840.95 as listed in the following table:

<u>Requisition #</u>	<u>Invoice #</u>	<u>Description</u>	<u>Amount</u>
Operating Fund	051153.A*415287	Annual Service Work	\$ 1,336.51
Operating Fund	051153.B*415289	Attending Authority Meetings	\$ 637.17
Operating Fund	051153.AG*415288	CFA Financing	\$ 72.59
Operating Fund	048847.B*415284	PENNVEST Administration	\$ 45.14
Operating Fund	051153.01*415286	SCADA Update	\$ 312.17
A474	048847.CO*415285	Incinerator Design	\$ 437.37
Total			\$ 2,840.95

Roll Call: Boyarski-yes, Carsia-yes, Cuozzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Sherrock-yes

Cuozzo & Eyerly moved to authorize payment from the Operating Fund in the amount of \$1,035,755.95 for Operating and Administrative Expenses (\$529,412.06); Construction in Progress (\$5,151.74); Debt Service Series 2012-A Bond (\$165,375.00); Debt Service Series 2012-B Bond (\$172,250.00); Pennvest Loan #27769 (\$158,666.52); Pennvest Loan #74119 (\$1,473.64); and Pennvest Loan #58103 (\$3,426.99) from the month of May 2015.

Roll Call: Boyarski-yes, Carsia-yes, Cuozzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Sherrock-yes

Sherrock & Grink moved to approve issued credits totaling \$7,545.21 from month of May 2015.

Roll Call: Boyarski-yes, Carsia-yes, Cuozzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Sherrock-yes

NEW BUSINESS

Carsia & Fay moved to approve the purchase of two (2) Automatic Water Box Assemblies from Schwing Bioset, Inc. for a purchase price of \$17,780.00 as per Quotation No. 201513PK, for installation on each Schwing Cake Pump.

On the Question: Board Member Grink asked the purpose of the water box. Gregory Olander responded that the waterbox is a necessary component of the hydraulics on each pump. If the water is not changed regularly or there is no water available, damage to the pumps can occur. Board Member Eyerly then asked if the price was for each assembly or both assemblies. Gregory responded that the price was for both Automatic Waterbox Assemblies.

Roll Call: Boyarski-yes, Carsia-yes, Cuozzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Sherrock-yes

Fay & Carsia moved to approve the purchase of six (6) Model No. 2150 flow modules including battery modules, area velocity sensors, cables, battery holders, and carrying handles; six (6) Model No. 2103ci CDMA cell phone packages with magnetic mount dual band antennas; four (4) scissors rings for various size pipes; and freight charges, from Teledyne Isco c/o Hartco Environmental, LLC for a total of \$39,187.84, through PA DGS Co-Stars Contract No. 016031, as listed in the quotation dated June 1, 2015.

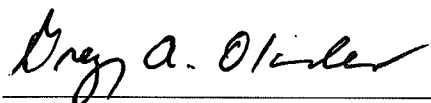
On the question: Board Member Grink asked what this motion was to purchase. Gregory responded that the motion was to purchase six additional flow meters to be deployed in the collection system.

Roll Call: Boyarski-yes, Carsia-yes, Cuozzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-absent, Sherrock-yes

Carsia & Sherrock moved to adjourn. Passed: Aye-8, Nay-0, Absent-1
The meeting was adjourned at 8:29 PM.

The next regularly scheduled Work Session will be Wednesday, July 22, 2015 at 7:00 PM.
The next regularly scheduled monthly meeting will be Monday, July 27, 2015 at 7:30 PM.

Respectfully submitted,
Greater Hazleton Joint Sewer Authority



Gregory Olander, Assistant Secretary