

The March 21, 2016 regular monthly meeting of the Greater Hazleton Joint Sewer Authority was called to order by Chairman George at 7:30 PM. All in attendance gave a pledge of allegiance.

Roll Call:

| | | |
|--------------------|------------------|--------------------|
| Boyarski – Present | Carsia – Present | Cuozzo – Present |
| Fay – Present | Fayock – Present | George – Present |
| Grink – Present | Milot - Present | Sherrock – Present |

Also in Attendance:

| | |
|---|--|
| Christopher Carsia – Director of Operations | Gregory Olander – Operations Manager |
| Andy Nowak – Field Operations Manager | Attorney Joseph D. Ustynoski – Solicitor |
| Robert Dougherty, P.E. – RJD Engineering | *Brian Kauffman, P.E. – Gannett Fleming |
| | *In attendance during the Work Session |

PUBLIC COMMENT

There was no public comment.

Boyarski & Milot moved to approve the minutes of the February 3, 2016 Special Meeting. Passed: Aye-9, Nay-0, Absent-0

Grink & Milot moved to approve the minutes of the February 17, 2016 Pension Meeting. Passed: Aye-9, Nay-0, Absent-0

Grink & Fay moved to approve the minutes of the February 22, 2016 Regular Monthly Meeting. Passed: Aye-9, Nay-0, Absent-0

Director of Operations Report - MONTHLY FLOW REPORT

| | <u>January 2016</u> | | <u>Year to Date</u> | | |
|----------------------------|---------------------|----------------|---------------------|---------------|------------------------|
| | | | <u>Total</u> | | <u>Average</u> |
| Total Flow | <u>372,236,926</u> | Gallons | <u>648,496,517</u> | Gallon | xxxxx |
| Total Flow Bypassed | <u>37,175,758</u> | Gallons | <u>42,422,362</u> | Gallon | xxxxx |
| Days Flow Bypassed | <u>6</u> | Days | <u>8</u> | Days | xxxxx |
| Total Flow Treated | <u>335,061,168</u> | Gallons | <u>606,074,155</u> | Gallon | xxxxx |
| Average Minimum | <u>8.9</u> | MGD | xxxxx | xxxxx | <u>7.5</u> MGD |
| Average Maximum | <u>17.9</u> | MGD | xxxxx | xxxxx | <u>15.5</u> MGD |
| Average Daily Flow | <u>11.6</u> | MGD | xxxxx | xxxxx | <u>10.2</u> MGD |

Christopher Carsia, the Director of Operations, reported on the flow for February 2016. He said the total volume of wastewater diverted from all point sources for the month was estimated to be 82.573 million gallons with approximately 37.176 million gallons of treated outflow diverted at the treatment plant. He said approximately 3.541 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 372 million gallons with 335 million gallons treated. He also stated that the average daily flow to the treatment plant for the month increased to 11.6 MGD due to significant amounts of precipitation during the month. He noted that the treatment plant is operating well despite the increased flows.

The Director of Operations reported that revenues for February 2016 were \$895,874.38, which is a decrease of 2.2% from the prior year. He said the bills issued for hauled waste received in

February totaled \$115,416.39, which is an increase of 7% from the prior year due in part to an increase in loads discharged from the CES landfill account.

The Director of Operations then reported that the Authority's DEP Water Quality Specialist (WQS) visited the plant due to a mistake in filing of an electronic Discharge Monitoring Report (eDMR). He said it was a minor mistake relative to an incorrect frequency chosen in a drop down box within the program. He said that the DEP representative also informed him that the Authority's long time Water Quality Supervisor at DEP, Mr. Len Schall, recently passed away. He informed the Board that DEP has not yet filled Mr. Schall's position. He stated that the WQS then visited the Gashouse Pump Station so he is aware of the upcoming work needed at the station. He said the pipe work at the station had to be reengineered for all fittings to work as intended. Andy Nowak stated that the project would be split into two phases, installation of a drain line and valve in the first phase and installation of an isolation valve and Tee fitting in the second phase to access the force main for flushing or camera work. He said the Road Crew has been working on the drain line installation since early this morning and it is proving to be a difficult task using very heavy fittings about 20 feet below ground level. He said while the Road Crew was performing the work outside, the Maintenance Department employees changed three plug valves on the pipe manifold inside the station. He said a precast manhole will be installed around a poured base for access to the valves outside the station. He said once the first phase is complete and partially backfilled, the crew will begin phase two, which involves installation of a valve to isolate the station and a Tee fitting to clean and/or inspect the force main. Christopher noted that the portion of force main that was replaced on North Poplar Street near the Hayden property was found to be in fairly good condition with very little wear.

The Director of Operations also reported that a training session was held by Attorney Randy Hurst at the treatment plant for certified operator credits. He said the two part training pertained to obligations of a Certified Operator under the law and it included review of language contained in the new NPDES Permits being released by DEP. He said although the Authority has not yet received its draft permit, much of the language is contained in all the permits released. He said according to Attorney Hurst some of the new language should be appealed. He said the Authority should expect language to address CSO issues and additional work in the collection system. He said additional effluent parameters are also expected such as limits on Total Dissolved Solids (TDS) and Ammonia. Attorney Ustynoski recommended having Attorney Hurst review the draft permit once it is received.

The Director of Operations informed the Board that the annual Incinerator Workshop will be held on June 1st and 2nd with Infilco Degremont in Kansas City, MO. He recommended the Authority's Chief Operator, Gene Zynel and Gregory Olander attend the workshop along with the Authority's Engineer. Brian Kauffman stated that any information received at the workshop could be worked into the bid specifications for the installation prior to bidding.

Gregory Olander reported on several repair and maintenance jobs recently completed by the Maintenance Department. He said the compressor that supplies air to the sludge thickener pumps and rotary presses stopped working over the past weekend and had to be replaced with a new screw compressor at a cost of about \$6,500. He reported that the first of two new pumps were installed at the South Church Street Pump Station. He said the pump was successfully started today and the second pump would be installed in a few weeks. He also reported on the successful installation and startup of a Diamond Avenue Pump that was sent out to have the motor rewound and seals replaced. Gregory then reported that the trial of methanol alternative MicroC 3000 is

still ongoing and preliminary indications are that the product is working well as a carbon source for denitrification. He said performance would continue to be evaluated into the warmer months. Gregory then reported that he was notified of a \$.05 increase to the price of hydrogen peroxide from \$4.47/gallon to \$4.52/gallon. He said the supplier, USP Technologies wanted to begin charging a \$750 monthly fee for rental of their dosing equipment. Gregory said he informed their representative that it was not part of the original agreement and if that happens, they would no longer be offering a “turn-key” product, which includes supply and maintenance of the dosing equipment. He said due to increased costs associated with hydrogen peroxide supply, they asked for the \$.05 increase and agreed to waive the monthly fee. He asked the Board if there were any objections to the increase that he negotiated.

Gregory then reported that the high strength wastewater surcharge rates were updated using the 2015 treatment costs. He said the updated High Strength Wastewater Surcharge Report is available for review and has been uploaded to the Authority’s website. He stated that the updated surcharge rates were also entered into the billing computer to update that system.

Gregory then informed the Board that the final Incinerator components were received relative to the carbon adsorption unit and other air emissions equipment. He said the invoice for \$1,494,000 was received from SUEZ treatment Solutions for the 45% payment due upon equipment delivery. He said the payment is on the agenda for the Board’s consideration.

The Director of Operations then reported that Chief Operator, Gene Zynel, contacted representatives at Kruger to discuss discharge of the ERC compressor station condensate water at the head of the BAF system. He said the Kruger representatives had concerns accepting this waste stream in that location, which includes buildup, clogging, and corrosion of the nozzle deck. He said due to these concerns the product will not be discharge directly into the BAF system. He also noted that the ERC permit issue date was postponed until April to allow time to write escape language into the permit.

Fayock & Sherrock 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-9, Nay-0, Absent-0

Engineer’s Report – Robert Dougherty reported on the Button Bock CSO Separation Project. He said the West Separation contractor needs to complete work on Beech and Poplar Streets, which are the final two streets in that section. He said the contractor would then move the Norfolk Southern rail yard to perform borings under the railroad tracks. He said the Authority still needs to pay the license fee to Norfolk Southern and the contractor needs to obtain the necessary insurance coverage. Attorney Ustynoski reported that the approval of the license agreement is on the agenda as Resolution 001 of 2016. He said there is a \$5,000 consideration payable to Norfolk Southern for the license. He said insurance for the Authority in the amount of \$6 million also needs to be bound as mandated in the agreement.

Brian Kauffman reported that he continues to prepare bid specifications for a plant water control panel and pumps and he is currently reviewing piping options. He then reported that his firm continues to review permitting requirements for the stand-by generators at the treatment plant and pump stations. He said the Authority has still not received its new NPDES Permit from DEP but other clients have been receiving their permits. He also reported that the interim payment request in the amount of \$1.28 million was approved by Pennvest. He said the Houck Construction, the contractor injecting the concrete cracks in the BAF structure, was notified to

repair the two remaining areas that continue to leak. He said following the injection of these two areas, the final closeout paperwork can be sent to Pennvest. He also reported that bid documents were being finalized for the Incinerator Installation Project and a draft version was given to the Authority staff for review.

Andy Nowak reported that the CFA meeting scheduled for March 9, 2016 was cancelled and there has been no other meeting scheduled at this time. He said the Authority was hoping for a decision at that meeting regarding the LSA Grant Applications. Andy also informed the Board that there is a Mountain Council of Governments (MCOG) meeting at Sand Springs on April 21, 2016, if any Board Members are interested in attending.

Milot & Fay moved to accept the Engineer’s report.

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

Solicitor’s Report – Attorney Ustynoski stated that in addition to what was reported in Executive Session during the Work Session, Resolution 001 of 2016 relative to an agreement with Norfolk Southern Railway Company is on the Agenda for the Board’s consideration.

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

The Director of Operations reported that there was a slight change in report format provided by the new Morgan Stanley investment consultant.

Fay & Grink moved to accept the Investment Consultant’s Report as presented.

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

BILLS AND CREDITS

Carsia & Fay moved to approve payment of Gannett Fleming, Inc. invoices and requisitions from December 26, 2015 through January 22, 2016, totaling \$5,539.44 as listed in the following table:

| <u>Requisition #</u> | <u>Invoice #</u> | <u>Description</u> | <u>Amount</u> |
|----------------------|------------------|---------------------------------|---------------|
| Operating Fund | 051153.A*11205 | Annual Service Work | \$ 3,772.55 |
| Operating Fund | 051153.B*11207 | Attending Authority Meetings | \$ 654.70 |
| Operating Fund | 051153.AI*11206 | ODMS Program Update | \$ 174.31 |
| Operating Fund | 048847.B*11199 | WWTP Upgrade Construction Phase | \$ 638.37 |
| Operating Fund | 048847.CO*11200 | Incinerator Design | \$ 299.51 |
| Total | | | \$ 5,539.44 |

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

Cuozzo & Sherrock moved to approve Requisition #C165, payable to Michael F. Ronca & Sons, Inc., totaling \$149,877.79, for Payment Estimate #4 of the Button Bock CSO Separation Project – West as recommended by the engineer. The original contract price was \$1,447,000.00. The total of payments made to date including this payment is \$898,250.72, which leaves a balance of \$548,749.28

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

Grink & Fayock moved to approve payment to SUEZ Treatment Solutions, Inc., in the amount of \$1,494,000.00 for payment of Invoice #900025106, Payment Estimate #11, which represents payment upon delivery of equipment for the Fluidized Bed Incinerator Project as recommended by the engineer. Payment to be made as follows:

| | | |
|-------------------|--|----------------|
| Requisition #A482 | 2008 Construction Fund | \$171,698.54 |
| Requisition #B004 | 2012B Bond Redemption & Improvement Fund | \$105,000.00 |
| Requisition #B005 | 2012A Bond Redemption & Improvement Fund | \$250,000.00 |
| Requisition #C166 | FNB Maintenance Fund | \$967,301.46 |
| | Total | \$1,494,000.00 |

The original purchase price was \$8,133,874.00, add for Change Orders #1 thru #3 (\$3,770,000.00) for a Total Project Cost of \$11,903,874.00. The total of payments made to date including this payment is \$10,741,874.00, which leaves a balance of \$1,162,000.00.

On the Question: Board Member Cuozzo asked if the Authority received money from Pennvest. Gregory Olander responded that there is a payment of \$1.28 million scheduled to be deposited into the Authority’s account on March 22, 2016.

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

Fay & Milot moved to authorize payment from the Operating Fund in the amount of \$1,479,469.72 for Operating and Administrative Expenses (\$592,527.46); Construction in Progress (\$137,915.19); Transfer to Other Authority Accounts (\$247,584.92); Debt Service Series 2012A Bond (\$164,250.00); Debt Service Series 2012B Bond (\$173,625.00) Pennvest Loan #27769 (\$158,666.52); Pennvest Loan #74119 (\$1,473.64); and Pennvest Loan #58103 (\$3,426.99) from the month of February 2016.

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

Carsia & Boyarski moved to approve issued credits totaling \$855.40 from month of February 2016.

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

NEW BUSINESS

Sherrock & Grink moved to approve Resolution 001 of 2016, which approves the License Agreement dated March 21, 2016 with Norfolk Southern Railway Company for work needed relative the Button Bock CSO Separation Project for consideration of \$5,000.00 payable to Norfolk Southern Railway Company as noted in the agreement.

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

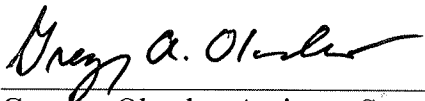
Board Member Cuozzo asked if Karchner Logistics responded to the Authority concerning the lease agreement. Christopher Carsia responded that he has not been contacted by Mr. Karchner concerning the lease.

Milot & Carsia moved to adjourn. Passed: Aye-9, Nay-0, Absent-0

The meeting was adjourned at 7:46 PM.

The next regularly scheduled Work Session will be Wednesday, April 20, 2016 at 7:00 PM.
The next regularly scheduled monthly meeting will be Monday, April 25, 2016 at 7:30 PM.

Respectfully submitted,
Greater Hazleton Joint Sewer Authority



Gregory Olander, Assistant Secretary