

The October 26, 2015 regular monthly meeting of the Greater Hazleton Joint Sewer Authority was called to order by Chairman George at 7:00 PM.

Roll Call:

Boyarski – Present	Carsia – Present	Cuozzo – Present
Eyerly – Present	Fay – 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	*Brian Kauffman, P.E. – Gannett Fleming, Inc.
*Robert Dougherty, P.E. – RJD Engineering	

*In attendance during the Work Session

PUBLIC COMMENT

There was no public comment.

Eyerly & Grink moved to approve the minutes of the September 21, 2015 Regular Monthly Meeting. Passed: Aye-9, Nay-0, Absent-0

Director of Operations Report - MONTHLY FLOW REPORT

	<u>September 2015</u>		<u>Year to Date</u>		<u>Average</u>
			<u>Total</u>		
Total Flow	<u>169,536,994</u>	Gallons	<u>2,150,357,411</u>	Gallon	xxxxx
Total Flow Bypassed	<u>2,794,012</u>	Gallons	<u>39,970,159</u>	Gallon	xxxxx
Days Flow Bypassed	<u>4</u>	Days	<u>35</u>	Days	xxxxx
Total Flow Treated	<u>166,742,982</u>	Gallons	<u>2,110,377,252</u>	Gallon	xxxxx
Average Minimum	<u>3.3</u>	MGD	xxxxx	xxxxx	<u>5.6</u> MGD
Average Maximum	<u>10.1</u>	MGD	xxxxx	xxxxx	<u>12.2</u> MGD
Average Daily Flow	<u>5.6</u>	MGD	xxxxx	xxxxx	<u>7.7</u> MGD

Christopher Carsia reported on the flow for September 2015. He said the total volume of wastewater diverted from all point sources for the month was estimated to be 48.095 million gallons with approximately 2.794 million gallons of treated outflow diverted at the treatment plant. He said approximately 3.533 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 169.5 million gallons with 166.7 million gallons treated. He also stated that the average daily flow to the treatment plant for the month decreased to 5.6 MGD and the average daily flow for the year subsequently decreased to 7.7 MGD. He reported that the plant continues to operate well and he noted that the study performed by Wilkes University students was completed. He said the group was given a tour of the plant and they were impressed with the advanced treatment process. He said they shared a report of their study, which determined the treatment plant’s efficiency removing ingredients in antimicrobial soaps and caffeine. Brian Kauffman noted that there are several university level studies being conducted nationwide and EPA will probably look to develop allowable water and wastewater concentrations in the future.

The Director of Operations informed the Board that Authority employee, Ronald Lashock, was recently chosen for the “Young Professional of the Year Award” by the Eastern Pennsylvania

Water Pollution Control Operators Association (EPWPCOA). He said Ron is very active in that organization and holds a position on their Laboratory Committee.

The revenues for September 2015 were reported at \$846,779.23, which was an increase of 0.6% from the prior year. He said the bills issued for hauled waste received in September totaled \$132,577.59, which is an increase of 7.4% from the prior year.

The Director of Operations stated that management is recommending the Authority move forward with additional capital projects to eliminate or reduce the combined sewer overflows (CSO) in the service area. He said CSO communities, like the Greater Hazleton area, are expected to continue elimination efforts and it is likely the next Wastewater Discharge Permit will contain additional CSO tasks to be completed. He said the Button Buck CSO Separation Project is moving rapidly and point sources 002 (former treatment plant bypass) and 003 (Autumn & Ridge) were already addressed with vortex separators for partial treatment and disinfection. He said investigation of Area 10 on the north side of Hazleton began with the implementation of the City of Hazleton's CAP, but an additional study must be performed to develop a project to remove the Terminus of Black Creek diversion chamber, which discharges in Hazle Township. He said another area that has been discussed is a triangular area in West Hazleton that ultimately discharges to the Cranberry diversion chamber that is also located in Hazle Township. He recommended RJD Engineering begin discussions with the West Hazleton Engineer and the Hazle Township engineer to develop CSO removal related projects in these areas. He stated that the Authority was contacted by public officials concerning a LSA funding for a second phase of the Button Buck CSO Separation Project. He stated that there is no Phase 2 of the Button Buck CSO Project. Robert Dougherty added that according to the DCED guidelines, once Notice to Proceed is issued for a Project, it is no longer eligible to receive LSA grant funds. Robert stated that in order to design a project in West Hazleton, an initial study is needed including televising of lines, smoke testing, and dye testing.

The Director of Operations then reported that the amended lease for the rear of 50 Jaycee Drive was delivered to Harold and Tracy Karchner. He said the Karchners would get the lease to their lawyer for review. Christopher noted that the heat and electric for the space being rented were separated from the rest of the building and the Authority is now paying its usage for those utility costs.

Andy Nowak reported that the Road Crew personnel have been working on several items including preparation of the drainage, water line and concrete slab for the new Fats, Oils, and Grease (FOG) receiving station at the treatment plant. He said the CSO Dump site and two other areas in the plant were asphalt paved. Andy reported on other repairs made to the collection system. He said a repair was made on South Church Street near Elm Street in the City where a small sinkhole developed and excavation uncovered an unmapped sewer extension with a defective cap. He said another repair was made on Vine Street near Spruce alley where a sinkhole developed over our force main where a private main connected to the Authority's 12-inch main line. He said the Road Crew also continued flushing sewer lines and raising manholes in sections of Hazleton and West Hazleton. Andy then reported that the old blower unit for the Vac Con Truck was being sent to their manufacturing facility in Florida to determine if it had a manufacturing defect. He said the blades were worn out just after the warrantee period expired. He said he is hoping for a definitive answer in the near future.

Gregory Olander informed the Board that he spoke with Rachel Govelovich at Gannett Fleming concerning the Pennvest closeout for the 2008 WWTP Upgrade. He said Rachel spoke with representatives at Pennvest and they are willing to close out the project before making the final payment to the contractor. He said they require a few stipulations such as the Authority agreeing to take responsibility for the payment to the contractor and ensuring that payment will not hinder the Authority's ability to pay its debt service to Pennvest. He said the Authority would also need to issue a letter to Pennvest explaining how costs associated with the ongoing litigation with Grundfos were not submitted to Pennvest for reimbursement. He said Rachel would proceed with the submission of change order paperwork and final payment request, which should trigger the final inspection by DEP. He said Pennvest holdback is over \$2.9 million, which is needed to partially fund the incinerator installation.

Gregory then reported that he met with a company during the 2015 WEFTEC Conference that provides alternate sources of carbon that may replace methanol used in the BAF system. He said there is a potential savings of about 8% from the current methanol cost. He noted that there are 2 alternate products, one of which has a fixed price of \$1.12 per gallon delivered. He said the methanol fluctuates based on the Methanex index and the current rate for methanol is \$1.214 per gallon. He recommended the Authority receive two trial loads of MicroC 3000 through the current methanol supplier, Coyne Chemical. He said if they are effective in the treatment process, he would ask the Board to switch to the lower priced product, which could be bid annually as a methanol alternate.

Grink & Milot moved to enter executive session to discuss a personnel issue. Passed: Aye-9, Nay-0, Absent-0

After the Board moved out of executive session, **Fay & 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 that PACT Construction installed approximately 1,000 feet of sewer line for the East Separation Project since the last meeting for a total of approximately 1,700 feet to date. He said there have been a few additions and deletions due to conflicts primarily due to water line interference, which is being worked out with the contractor. He stated that PACT Construction is approximately 60% complete with the project. Robert then reported that the West Sewer Separation contractor, Michael F. Ronca & Sons, began the project and installed about 300 feet of pipe. He said they have not submitted a payment request. He also noted that the contractors have intermittently hit rock during the excavation, but this cannot be added as a change order since there is no "Rock Clause" in the contract.

Brian Kauffman reported that the treatment plant SCADA Update was completed by Martz Associates, Inc. He said an upgrade of the plant water system is needed for added volume and pressure in the plant, especially when the incinerator is operational. Brian noted that he would be requesting pricing from Martz to build the plant water pump control panel, program, and integrate the system into existing SCADA. Gregory Olander added that a quote was received from Martz to provide a wireless camera network at the treatment plant. He said the price for all equipment and setup was \$17,300. Brian then reported that Notice to Proceed was issued to Mesko Glass for the Control Building Window Replacement Project. Brian stated that there still has been no contact from DEP regarding the Authority's new NPDES Permit. He noted that the letter to DEP

containing CSO milestones that was sent earlier this year contained CSO tasks that included the studies of areas discussed in the Director of Operations Report. He then reported that C.O. Falter’s subcontractor completed crack injection work on October 2, 2015. He said both pipe galleries look good; however, 2 areas on the outside structure still need to be revisited. He stated that is should be okay to inject in colder weather. Brian then reported that the Cake Pump Installation was completed and the final contractor payment estimate is on the agenda for Board approval.

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 and at the Work Session, Attorney Ustynoski stated that he had nothing additional to report.

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

Eyerly & Boyarski 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-yes, Sherrock-yes

BILLS AND CREDITS

Eyerly & Fay moved to approve payment of Gannett Fleming, Inc. invoices and requisitions from July 25, 2015 through August 21, 2015, totaling \$6,945.99 as listed in the following table:

<u>Requisition #</u>	<u>Invoice #</u>	<u>Description</u>	<u>Amount</u>
Operating Fund	051153.A*3317	Annual Service Work	\$ 2,097.01
Operating Fund	051153.B*3319	Attending Authority Meetings	\$ 643.64
Operating Fund	051153.AG*3318	Financing & Grants	\$ 127.19
Operating Fund	051153.01*3316	SCADA Update	\$ 2,457.12
Operating Fund	048847.B*3315	WWTP Upgrade Construction Phase	\$ 964.97
A480	048847.CO*3314	Incinerator Design	\$ 656.06
Total			\$ 6,945.99

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

Cuozzo & Carsia moved to approve Requisition #C158, payable to PACT Construction, Inc., totaling \$98,550.00, for Payment Estimate #1 of the Button Bock CSO Separation Project – East Separation as recommended by the Engineer/Construction Inspector. The original contract price was \$730,000.00. The total of payments made to date including this payment is \$98,550.00, which leaves a balance of \$631,450.00

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

Fay & Milot moved to approve Requisition #C159, payable to PACT Construction, Inc., totaling \$317,550.00, for Payment Estimate #2 of the Button Bock CSO Separation Project – East Separation as recommended by the Engineer/Construction Inspector. The original contract price was \$730,000.00. The total of payments made to date including this payment is \$416,100.00, which leaves a balance of \$313,900.00

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

Milot & Cuzzo moved to approve Requisition #A480, in the amount of \$36,078.20, payable to Pioneer Construction Company, Inc. for Payment Estimate #5 (FINAL) of the Sludge Cake Pump Installation Contract. Original Bid amount was \$185,800.00, add for Change Order #1 (\$2,035.00) for a Total Contract Price of \$187,835.00. Total of payments made to date including this payment is \$187,835.00, which leaves a zero balance.

On the Question: Board Member Eyerly asked the reason for the change order. Gregory Olander responded that the cake hopper could not fit between the I-beams in the basement of the control building so a corner of the hopper had to be cut out and metal plates welded to seal the open section.

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

Eyerly & Fay moved to authorize payment from the Operating Fund in the amount of \$803,415.90 for Operating and Administrative Expenses (\$561,018.30); Construction in Progress (\$43,660.93); Vehicles (\$35,169.52); Pennvest Loan #27769 (\$158,666.52); Pennvest Loan #74119 (\$1,473.64); and Pennvest Loan #58103 (\$3,426.99) from the month of September 2015.

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

Milot & Boyarski moved to approve issued credits totaling \$883.80 from month of September 2015.

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

NEW BUSINESS

In accordance with Section 302 of the Eminent Domain Statute (26 Pa. C.S. Section 101 et seq.), **Cuzzo & Boyarski** moved to authorize a Declaration of Taking for a sewer line easement on/through the property owned by Jaspreet Kaur of Harrisburg, Pennsylvania. The subject property is located and known as 429-439 East Broad Street, City of Hazleton, Luzerne County, Pennsylvania as more fully described in DB 3010 at Page 98804, recorded in the Recorder of Deeds, Luzerne County, PA. The easement is as detailed in Drawing Number 15-102 as drawn by RJD Engineering dated 3/5/15, a copy of which is attached to this Agenda and incorporated into the Authority's October 26, 2015 Minutes. The Just Compensation is One Hundred Dollars (\$100.00).

On the Question: Board Member Milot asked a question and Attorney Ustynoski requested the Board move to executive session to discuss a legal issue. **Fay & Grink** moved to enter executive session to discuss a legal issue. After the Board moved out of executive session, Roll Call: Boyarski-yes, Carsia-yes, Cuzzo-yes, Eyerly-yes, Fay-yes, George-yes, Grink-yes, Milot-yes, Sherrock-yes

Eyerly & Grink moved to adopt Resolution 005 of 2015 designating authorized officials for execution of all documents relative to the H₂O PA Grant – Contract No. C000056169 for the Button Buck CSO Separation Project.

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

Milot & Grink moved authorize RJD Engineering to work with the Hazle Township Engineer, Schumacher Engineering, Inc., to initiate a study to eliminate the Combined Sewer Overflow at Diversion Chamber #12, (Point Source 010), known as the Terminus of Black Creek Interceptor and to develop the information necessary to complete a grant application under the Local Share Account (LSA) Program.

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

Fay & Sherrock moved to authorize RJD Engineering to work with the West Hazleton Engineer, Barry Issett and Associates, Inc., to initiate a study to eliminate the Combined Sewer Overflow at Diversion Chamber #6, (point source 004), known as the Cranberry CSO and to develop the information necessary to complete a grant application under the Local Share Account (LSA) Program.

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

Eyerly & Carsia moved to approve the purchase of a site wide wireless security network in the treatment plant from Martz Technologies, Inc. for the price of \$17,300.00, which includes (12) Ubiquiti IR Video IP Cameras, (1) network video recorder, (1) external hard drive, (7) external antennas, (7) harsh duty POE switches, (7) external outdoor rated antennas, (7) outdoor rated access points, assembly, testing, setup, configuration and integration.

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

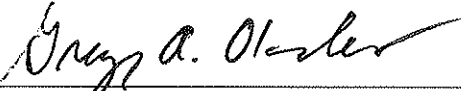
Board Member Cuzzo asked if the lease was returned from Karchner. The Director of Operations stated that it was not.

Milot & Sherrock moved to adjourn. Passed: Aye-9, Nay-0, Absent-0
The meeting was adjourned at 8:02 PM.

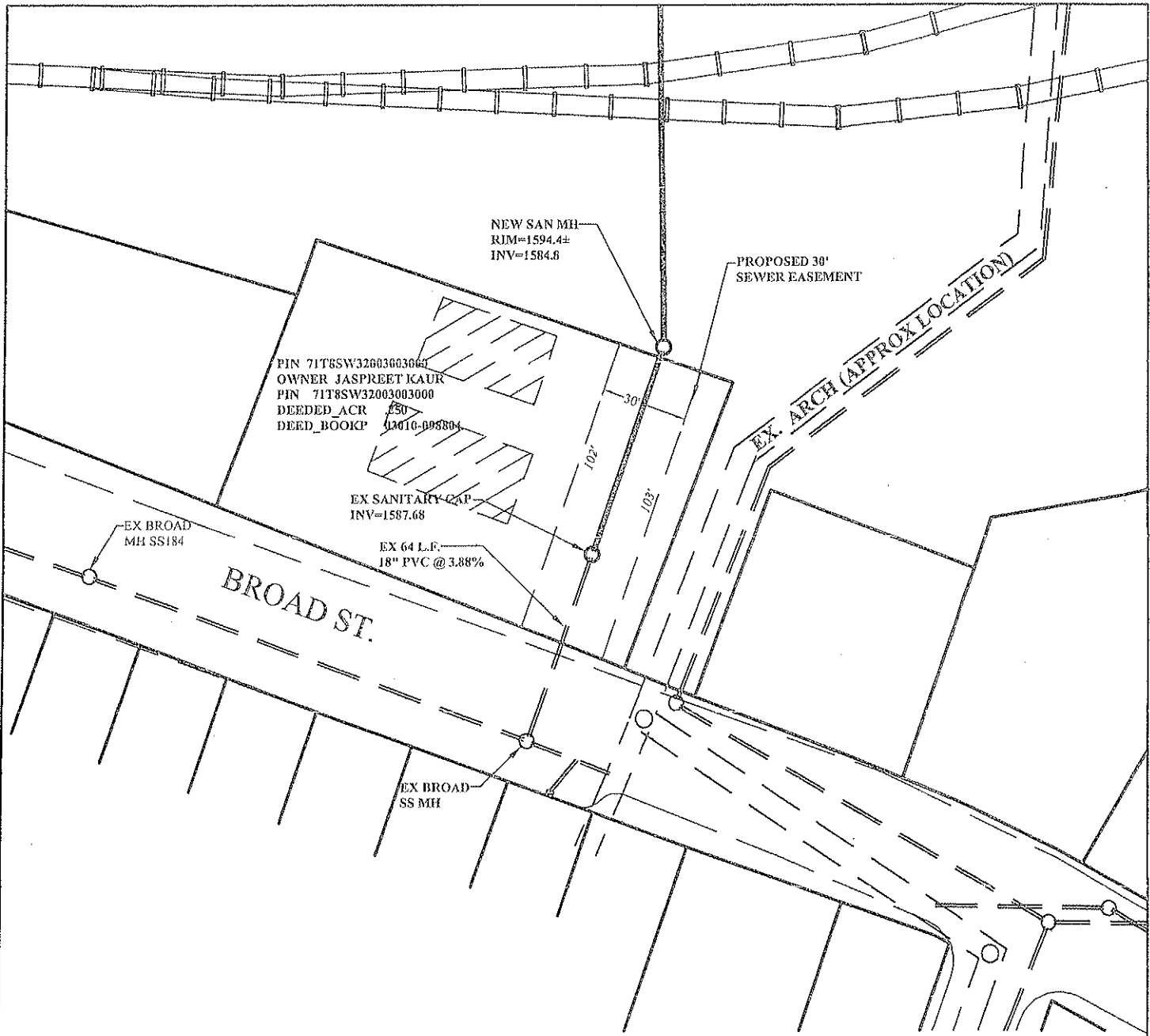
The next regularly scheduled Work Session will be Wednesday, November 18, 2015 at 7:00 PM.
The next regularly scheduled monthly meeting will be Monday, November 23, 2015 at 7:30 PM.

Respectfully submitted,

Greater Hazleton Joint Sewer Authority



Gregory Olander, Assistant Secretary



<i>RJD ENGINEERING INC.</i>	
SEWER EASEMENT PLAN ON JASPREET KAUR PROPERTY FOR THE GREATER HAZLETON JOINT SEWER AUTHORITY	
CITY OF HAZLETON : LUZERNE COUNTY, PA	
DATE: 03/05/15 : SCALE: 1"=50' : SHEET EA1	
RJD ENGINEERING, INC. 8 WEST BROAD STREET-SUITE 700 HAZLETON, PA 18201 (570) 459-2609	RJD JOB NO. 15-102