



**Binghamton-Johnson City
JOINT SEWAGE BOARD**



Eugene Hulbert, Sr.
Gary Holmes
Edward Crumb

Stephen Andrew
George Kolba, Jr.
Ron C. Davis

FINAL COPY

**MINUTES OF A MEETING OF THE BINGHAMTON -
JOHNSON CITY JOINT SEWAGE BOARD**

Tuesday, March 10, 2015
Conference Room, Office Building, JSTP

Members Present: Eugene Hulbert, Sr., Chairman
George Kolba, Jr., Vice-Chairman
Edward Crumb
Ronald Davis (arrived at 3:04 PM)
Steve Andrew via FaceTime
Gary Holmes (arrived at 3:21 PM)

Also Present: Cathy (Aingworth) Young, Superintendent
Charles Pearsall, Business Manager
Michele Cuevas, Confidential Secretary
Alfred Paniccia, Jr., Esq., Co-Counsel
Chuck Shager, City of Binghamton Comptroller
(arrived at 3:06 PM/left at 3:35 PM)
Jerry Motsavage, City of Binghamton Trustee
Laura Lee Perkins, Transcriptionist

Guests: Jason Greene, P.E., GHD (arrived at 4:04 PM; left at 4:14 PM)
Kevin Walsh, SUNY Student (left at 3:37 PM)
Matt Morales, SUNY Student (left at 3:37 PM)

Chairman, Eugene Hulbert, Sr. called the meeting to order at 3:03 PM. A quorum of four (4) Board Members is present. Sign-in sheet passed for signatures.

(Board Member Davis joined the meeting. There are now 5 Board Members present.)

Catherine P. Young, Superintendent
Binghamton-Johnson City Joint Sewage Treatment Facilities
4480 Vestal Road, Vestal, New York 13850
Phone: 607-729-2975 Fax: 607-729-0110
Email: bjcwwtp@stny.rr.com

Edward Crumb made a motion for the Board to approve the 12/30/14 Minutes in the form presented in the work folder with the changes shown.
George Kolba, Jr. seconded the motion

Edward Crumb made a motion for the Board to amend the 12/30/14 Minutes, with respect to the second motion from the bottom on Page 3, to reflect the motion regarding the approval of terrorism insurance was not carried by a vote of 3/2/1; not 3/3/1.
George Kolba, Jr. seconded the motion
Motion to amend carried 5/0/1 (GH)

Motion carried as amended 5/0/1 (GH)

Edward Crumb made a motion for the Board to approve the 1/13/15 Minutes in the form presented in the work folder with the changes shown.
Steve Andrew seconded the motion
Motion carried 5/0/1 (GH)

Edward Crumb made a motion for the Board to approve the 2/10/15 Minutes in the form presented in the work folder with the changes shown.
Ronald Davis seconded the motion
Motion carried 5/0/1 (GH)

Edward Crumb made a motion for the Board to approve the 2/23/15 Special/Emergency Meeting Minutes in the form presented in the work folder with the changes shown.
Ronald Davis seconded the motion
Motion carried 5/0/1 (GH)

Chuck Shager presented the Board Fiscal Officer's Report

1/1/2015 Beginning balance		
Checking	\$ 718,067.15	
Savings	<u>\$8,749,950.87</u>	
Total		\$9,468,018.12
2/28/15 Revenue	\$1,486,956.33	
2/28/15 Disbursements	<u>(\$2,122,328.47)</u>	
BALANCE		\$8,832,646.03

(Board Member Holmes joined the meeting; all Board Members are in attendance.)

Mr. Shager reported that the Owners have approval from the NYS Environmental Facilities Corporation for an additional \$20 million in loan financing through 12/31/15, not including the no interest funding available for the floodwall project. If the Owners find that they need more money, it will need to come from somewhere else – preliminarily, the Owners may need \$25-30 million for design, demolition, and construction through the end of the year, so after taking into account monies on hand, there may need to be \$5-7 million in funding from another source.

Edward Crumb made a motion for the Board to approve the transfer of \$27,559.85 from the 2014 Chemical budget line (J8130.54150) to the 2014 BAF Legal budget line (J8130.54430.J0BAF) and that the Board approve the transfer of \$34,266.39 from the 2014 Chemical budget line (J8130.54150) to the 2014 Professional Services for BAF Remediation line (J8130.54410.J0BAF) for the sole and express purpose of paying National Fire Adjustment and direct the Business Manager, on behalf of the Board, to submit the appropriate Requests for Legislation to the Owners' Legislative bodies.

Ronald Davis seconded the motion

Motion carried 6/0

Messrs. Walsh and Morales, biomed students from Binghamton University, stated that they are pursuing a potential research project to feed algae wastewater from the end of the treatment process from which to make biofuel.

Charles Pearsall gave the Business Manager's Report. One proposal was received for Industrial Wastewater Pretreatment Program consulting services for the April 1, 2015 through March 31, 2016 pretreatment program year.

Gary Holmes made a motion for the Board to accept the proposal of GHD for Industrial Wastewater Pretreatment Program consulting services for period April 1, 2015 through March 31, 2016 in the not-to-exceed amount of \$80,000 to be encumbered and paid from budget line J8130.54801, Industrial Waste Water Pre-Treatment.

Ronald Davis seconded the motion

Motion carried 6/0

Catherine P. (Aingworth) Young gave the Superintendent's Report

Superintendent Young will contact Tom Beehan for a recommendation regarding initiation of negotiations with the Union for a successor bargaining agreement to the current agreement expiring 12/31/15.

Jason Greene, P.E., GHD, gave the Industrial Wastewater Pretreatment Program update. A copy of the report is in Board Member folders. The annual biosolids report has been completed. Mr. Crumb asked for a copy to be provided to Board Members. Mr. Crumb thanked Mr. Greene for his work on the Industrial Survey, which he thought was very well done.

(Mr. Greene exited the meeting).

**Superintendent's Report
March 10, 2015**

Violations and Significant Issues

The Main Distribution and Motor Control center had a breaker failure on February 17 resulting in loss of main pumping, settling tanks flyghts, and grit removal for a short time. The board held an emergency meeting and the repair/replacement of breakers and a repair/replacement contract with GHD was approved for replacement of the outdated and hazardous unit. The breaker has been repaired and an emergency rebuilt breaker has been ordered as a spare while the system is under design.

Compliance

Date: February 2015 Average Flow	Influent	Effluent	Average % Removal	Effluent Limit
	11.59mgd			
CBOD	271	155	42.8%	Monitor
Suspended Solids	272	65	76.1%	Monitor
Other: Settleable Solids Max	15.2	0.03	99.80%	Monitor
Total Nitrogen	Jan 26.5	Jan 22.9	13.58%	Monitor
Chlorine	NA	1.67Max.	NA	2.0Max.
Avg. Temperature	10.0	9.8		
Solids Removed		Nov	Dec	Jan
Digested		0	0	0
Lime Stabilized		709.90	740.84	769.60
Total		709.90	740.84	769.60
				Feb
				641.84
				641.84

Operations

- The plant continues to operate in CEPT mode.
- Digester 3 evaluation continues. Water will begin to be drained from the tank to remove the ice lens from the inside. Additional information on his topic will be covered in executive session.
- (From December) It is anticipated that the flood mitigation work for the TPS will go out to bid within the next two months. The flood wall design for the main plant will need to be modified based on the new footprint resulting from changes to the secondary treatment strategy, however it is anticipated that 75% of the wall will remain unchanged. We have submitted the Environmental Assessment to the state for their review. A progress meeting was held on March 3 regarding the design and construction status of the main plant flood wall. Minutes are included in your folder.

- Plant staff continues to work with Griffiths and Woidt Engineers in taking the next steps for the WQIP grant.
- Pilot study: The Bio Tower #1 from Kruger has begun nitrification. Bio Tower #2 is denitrifying. Kruger has identified the low phosphorous loadings as a potential limiting factor, and is adding phosphoric acid to the process. Another possible issue is the ration and variation in BOD and Nitrogen. Optimization of loading rates, oxygen and methanol feed rates are not yet available. Issues with the resolution of COD analysis is continuing. Conference calls are held once per week to review progress and plant for the upcoming week. The pilot plant monthly progress report is attached.
- Plant staff met with members of the GHD team to review preliminary redesign of the headworks, to include new bar screens and grit removal systems.
- Plant staff has been meeting and working with GHD regarding the compost facility demolition and salvage. It is anticipated that the demo is slated to go out to bid within the next two months. The plan entails a mechanic shop, electrical shop, locker rooms, as well as new administration offices, conference and training rooms.

Committee Reports:

Construction – Gary Holmes gave an update regarding discussions/meetings with the DEC regarding the Plant Repair and Rehabilitation. 30% design plans are nearly done. One change from prior design will be the construction of a backwash equalization tank underneath the C/N BAF Cells. To comply with code requirements, modifications are needed to the East Scrubber Building and odor control system to make them explosion-proof. Consideration has been given to installing an ultraviolet light disinfection system, but it would be a number of years before that modification could be made, so it is not presently part of the project. Negotiations are underway with GHD regarding construction phase services and with Jacobs regarding construction management for the Repair and Rehabilitation project as well as the Floodwall project. The City of Binghamton also plans to negotiate with Griffiths for construction phase services regarding the floodwall. The project's construction cost budget is presently in the \$150 million range, not including the floodwall project or the Digester Complex Renovation. Superintendent Young stated that she would like to see a pictorial model of what is being replaced in order to easily allow the public to see what the scope of the project is.

Structure and Flood – Eugene Hulbert, Sr. reported that work on the Environmental Assessment and benefit/cost analysis (BCA) for the floodwall project is continuing. FEMA has made many requests. Draining Digester #3 will be done when thawing conditions return. Would like to move forward with NYSEG regarding its emergency response plan. Completion of the outside items under the modular building punch list will proceed when warmer weather returns.

Finance – Edward Crumb noted that the NYS-OSC audit field work is ongoing. Superintendent Young noted that a focus change the auditors mentioned is a comparative study of affordability. The Business Manager is working with Municipal Users to coordinate and assist them in the submission of their annual wastewater flow reports using the new form. The proposed 2015 Rate Chart was presented and discussed.

Edward Crumb made a motion for the Board to adopt the 2015 Rate Chart as proposed except that on page 2, the application fee/permit fee shall be \$2,500 and the annual permit servicing fee shall be \$50.00 (instead of \$25.00) effective retroactive to 1/1/15.

Ronald Davis seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to submit correspondence to the Owners, Mayors and Legislative bodies regarding the Industrial Wastewater Pretreatment Program surcharge factors in Section 27(I) of IMA-X (pollutants, flow and percentages) and ask them to consider revisiting those factors in terms of relevance and apportionment based on current and projected operations.

Steve Andrew seconded the motion

Motion carried 6/0

Personnel – Steve Andrew stated that there were no items to report.

Ad Hoc – Ron Davis stated that there were no items to report.

Flow Management – Edward Crumb reported that there have been no specific requests from Municipal Users for a Steering Committee Meeting. Legislation to ban microbeads smaller than 5mm has been introduced in the NYS Legislature. Proposed Resolution to Amend Plant Use Rules and Regulations, held over on 2/10/15, was held over again at the request of Superintendent Young.

Correspondence – none

Old Business – The Environmental Assessment Form for the Water Quality Improvement Project/Grant was tabled to allow the Superintendent and Chairman to meet with Griffiths to develop a proposed plan and program for getting the work done.

George Kolba, Jr. made a motion for the Board to go into Executive Session to discuss litigation and personnel matters.

Steve Andrew seconded the motion

Motion carried 6/0

(Ms. Perkins left the meeting at 5:46 PM).

The Board went into Executive Session at 5:48 PM during which one litigation matter, two potential litigation matters, and one personnel matter were discussed.

(Co-Counsel Paniccia exited the meeting at 6:20 PM).

George Kolba, Jr. made a motion for the Board to exit Executive Session.

Ronald Davis seconded the motion

Motion carried 6/0

The Board exited Executive Session at 6:43 PM. No action was taken during the Executive Session.

Edward Crumb made a motion to refer the inquiry of Sen. Libous' office regarding a proposed private legislation resolution to Co-Counsel Peticone for response.

George Kolba, Jr. seconded the motion.

Motion carried 6/0

Ronald Davis made a motion for the Board to adjourn.
George Kolba, Jr. seconded the motion
Motion carried 6/0

Meeting adjourned at 6:47 PM

Respectfully submitted,

Laura Lee Perkins
Transcriptionist

cc: Board Members
Mayor Rich David, City of Binghamton
Mayor Greg Deemie, Village of Johnson City
City Clerk, City of Binghamton
Village Clerk/Treasurer, Village of Johnson City
John Perticone, Esq.
Alfred Paniccia, Esq.
Chuck Shager, Fiscal Officer
Catherine Young, Superintendent
Brown & Brown Empire State
Haylor Freyer & Coon
Robert Bennett, P.E., Village of Johnson City, Engineer
Gary Holmes, P.E., City of Binghamton, Acting Engineer
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